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## **Inventory of the Floyd Halleck Higgins Agricultural Technology Photographs D-582**

Liz Phillips

University of California, Davis General Library, Dept. of Special Collections

1st Floor, Shields Library, University of California

100 North West Quad

Davis, CA 95616-5292

(530) 752-1621

speccoll@ucdavis.edu

URL: <http://www.lib.ucdavis.edu/dept/specoll/>

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**Language of Material:** English

**Contributing Institution:** University of California, Davis General Library, Dept. of Special Collections

**Title:** Floyd Halleck Higgins Agricultural Technology Photographs

**Creator:** University of California, Davis. Library

**source:** Higgins, Floyd Halleck (1886-1975)

**Identifier/Call Number:** D-582

**Physical Description:** 150 linear feet

**Date (inclusive):** circa 1910-1965

**Abstract:** Photographs and negatives of farm machinery, equipment dealerships, and people of note in agricultural technology history.

Researchers should contact Special Collections to request collections, as many are stored offsite.

### **Biography**

The Floyd Halleck Higgins Agricultural Technology Photographs began as a series in the F. Hal Higgins Collection. In 1927 F. Hal Higgins began collecting materials relating to the history of combines and tractors. Over time the collection expanded to include materials describing farm implements, farm commodities, and equipment for logging, earthmoving and construction. The Library, University of California, Davis acquired Higgins' collection in 1959. Regular patron use of the collection indicated a strong interest in the photographs of tractors and other farm machinery. In order to better serve patrons, Library staff housed the photographs together as they were found in the collection. In 1983, the photographs that had accumulated in the F. Hal Higgins collection were removed from the collection and organized as the Floyd Halleck Higgins Agricultural Technology Photographs.

### **Scope and Contents**

Photographs and negatives of farm machinery, equipment dealerships, and people of note in agricultural technology history.

### **Arrangement**

Images are arranged alphabetically by manufacturer.

### **Processing Information**

Collection processed with help from student assistants Kelley Liang and Ana Rodriguez.

Finding aid is a work in progress.

### **Conditions Governing Access**

Collection is open for research.

### **Preferred Citation**

[Identification of item], D-582, Floyd Halleck Higgins Agricultural Technology Photographs, Department of Special Collections, General Library, University of California, Davis.

### **Immediate Source of Acquisition**

Original materials acquired from F. Hal Higgins, 1959.

### **Publication Rights**

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### **Subjects and Indexing Terms**

Agricultural machinery

Farm equipment

University of California, Davis. Library

Higgins, Floyd Halleck (1886-1975)

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**A.D. Baker Company**

**Subjects and Indexing Terms**

Swanton (Ohio)

- Box-folder 9:73      **Raymond [Tornbinson?] and His 19 H.P. Baker; Paul Curtis is Behind Engine circa 1920**  
**Leonard Abbate**  
**Subjects and Indexing Terms**  
Gilroy (Calif.)
- Box-folder 1:1      **Scrabble Cultivating Tractor From Farm Shop Of Leonard Abbate circa 1944**  
**Physical Description:** 1 photograph : b&w ; 13 x 18 cm 1 photograph : nitrate negative ; b&w ; 13 x 18 cm  
**Scope and Contents**  
Leonard Abbate built his tractor in 1944 with Ford, Buick, I. H. C. and Kleiber parts. Engine is Ford.  
Tractor, [Gasoline]  
Tractor, Custom  
Abbate, Leonard
- Box-folder 1:2      **Mr. Leonard Abbate, Gilroy, Calif., Was Caught Cultivating With His Home-Built Tractor. circa 1944**  
**Physical Description:** 1 photograph : b&w ; 13 x 18 cm 1 photograph : nitrate negative ; b&w ; 13 x 18 cm  
**Scope and Contents**  
Mr. Leonard Abbate, Gilroy, California, was caught cultivating with his home-built tractor that combined air tires in front and steel cleats on the rear wheels. Also rear engine -- a Ford. Buick front wheels, Kleiber rear; IHC tool bar upside down. He had used it for the past three years, he said.  
Tractor, [Gasoline]  
Tractor, Custom  
; Abbate, Leonard
- Abenaque Machine Works**  
**Subjects and Indexing Terms**  
Vermont
- Box-folder 1:3      **Abenaque 15 H.P. Gasoline Tractor (2 copies) 1950**  
**Physical Description:** 2 photographs : b&w ; 13 x 18 cm 1 photograph : nitrate negative ; b&w ; 13 x 18 cm  
**Scope and Contents**  
1909 Abenaque 15 HP. Westminster Station, Vermont. Photo From Catalog Loaned By E.R. Potter, Saskatoon, Saskatchewan, Canada, 1950.  
Tractor, Gasoline
- Acme Wagon Co.**  
**Subjects and Indexing Terms**  
Emigsville (Pa.)
- Box-folder 1:5      **Home Baking Co. Wagon; Glen Rock Steam Bakery Wagon; ACME Wagon circa 1924**  
**Physical Description:** 1 photograph : b&w ; 9 x 13 cm  
**Scope and Contents**  
Received By NAL 1964; Postcard  
Wagon

**Adaptable Tractor Co.**

**Subjects and Indexing Terms**

Indianapolis (Ind.)

Box-folder 1:6

**Adaptable Tractor with Oliver plow 1920**

**Physical Description:** 1 photograph : sepia ; 20 x 25 cm

**Scope and Contents**

From Chilton Tractor Journal July 1, 1920, p. 25. Adaptable Tractor Co., Indianapolis incorporated capital \$100,000 to manufacture tractors.

Identification No. 43233

Tractor, [Kerosene]

Plow

Box-folder 1:7

**Adaptable Tractor Co. Engine circa 1916**

**Physical Description:** 1 photograph : b&w ; 19 x 28 cm

**Scope and Contents**

Patented December 26, 1916; H.E. Fairman c/o Hotel Davenport, Davenport, Iowa Engine, [Kerosene]

**Adrian Manufacturing Co.**

**Subjects and Indexing Terms**

San Jose (Calif.)

Box-folder 1:8

**Adrian Bale Loader 1943**

**Physical Description:** 1 photograph : b&w ; 7 x 11 cm

**Scope and Contents**

Several San Joaquin and Sacramento Valley dealers handled these Adrian bale loaders this year. Here is one doing a perfect job for a farmer on the west side near Tracy.

Loader, Bale

**Subjects and Indexing Terms**

Tracy (Calif.)

**Adrian Bale Loader 1942**

**Physical Description:** 1 photograph : nitrate negative : b&w ; 13 x 18 cm

**Scope and Contents**

Loader, Bale

Box-folder 1:9

**Adrian Bale Loader 1943**

**Physical Description:** 1 photograph : b&w ; 13 x 18 cm

**Scope and Contents**

The Adrian pick-up bale loader was handled by several Case and Deere dealers in California last year. Note this 1942 war model with skeleton steel instead of rubber. This piece of equipment originally patented and built by Ed Rimple of San Jose has had about six years development after a showing at the 1938 state fair. This year of 1943 has the University of California boosting it for materials allocation to help solve the hay harvest labor problem; The Adrian bale loader at work in the San Joaquin Valley. The second man is rarely needed or available in wartime.

Loader, Bale

Rimple, Ed

**Subjects and Indexing Terms**

Tracy (Calif.)

Box-folder 1:10

**Adrian Pick-Up Bale Loader 1942**

**Physical Description:** 1 photograph : b

**Scope and Contents**

Air tires used on Adrian pick-up bale loader.

Loader, Bale

Box-folder 1:11

**Adrian Bale Loader 1942**

**Physical Description:** 1 photograph : b&w ; 13 x 18 cm 1 photograph : nitrate negative ; b&w ; 13 x 18 cm

**Scope and Contents**

Adrian Bale Loader built originally by Ed Rimple, California

Loader, Bale

Rimple, Ed

**Advance Thresher Company**

**Subjects and Indexing Terms**

Battle Creek (Mich.)

Box-folder 1:17

**Gerber Threshing Bee, September, 1977 1977**

**Physical Description:** 1 photograph : color ; 9 x 13 cm

**Scope and Contents**

Gerber Threshing Bee, September, 1977. Advance engine.

Engine, Steam

Box-folder 1:18

**Fred C. Hazler's Outfit Threshing For A Neighbor, John Schneider [1965]**

**Physical Description:** 1 photograph : b&w; 13 x 18 cm

**Scope and Contents**

Fred Hazler first operated this Advance-Rumely 16 HP 36-60 engine

Original Made In 1897; (Left To Right) Fred Hazler, Sr., Fred Hazler's Younger Brother, Fred Hazler, Fred Hazler's Youngest Sister, Fred Hazler's Oldest Sister, John Schneider's Sister, John Schneider's Wife, Fred Hazler's Mother, Victor Baker (neighbor), John Schneider Holding A Dog, Others Unknown

John Schneider's Farm

Thresher

Hazler, Fred C.

Schneider, John

Baker, Victor

Box-folder 1:19

**A Tired 15 Man Threshing Crew With Their Advance Separator undated**

**Physical Description:** 1 photograph : b&w; 13 x 18 cm

**Scope and Contents**

A tired 15 man threshing crew with their Advance separator. Built around 1900, the separator, operated by PTO (power take-off) belt, separated the grain (in bags, foreground) by means of a series of shaking screens, from the straw, which was blown out the wind stacker

Verso Miss Martha Gross; (Left To Right) On Thresher, Sam Gross And Dahlgren, On Ground, 2nd Man Ott Timm, 6th Man Jack Timm, 7th Man Herman Timm, 9th Man Horace Downing

Thresher

Gross, Martha

Gross, Sam

Dahlgren

Timm, Ott

Timm, Jack

Timm, Herman

Downing, Horace

**Advance-Rumely Thresher Company, Inc.**

**Subjects and Indexing Terms**

LaPorte (Ind.)

Box-folder 1:12

**Three Advance-Rumely "Oilpull" Tractors Were Hitched To 50 Oliver Plow Bottoms undated**

**Physical Description:** 1 photograph : b&w ; 20 x 25 cm

**Scope and Contents**

Two leading Indiana manufacturers cooperated in a demonstration held at Purdue University in the fall of 1911. Three 30-60 Rumely "Oilpull" tractors were hitched to 50 Oliver 14 inch plow bottoms.

From Purdue University Archives, Lafayette, Indiana

Tractor, Oil

Tractor, Kerosene

Plow

**Subjects and Indexing Terms**

Purdue University

Box-folder 1:13

**Rumely 15-25 Type L Oilpull Tractor undated**

**Physical Description:** 1 photograph : b&w ; 6 x 6 cm

**Scope and Contents**

From Kenneth W. Kiecker

Tractor, Oil

Tractor, Kerosene

**Subjects and Indexing Terms**

Hector (Minn.)

Box-folder 1:14

**Rumely 20-35 Type M Tractor undated**

**Physical Description:** 1 photograph : b&w ; 6 x 6 cm

**Scope and Contents**

From Kenneth W. Kiecker

Tractor, Oil

Tractor, Kerosene

**Subjects and Indexing Terms**

Hector (Minn.)

Box-folder 1:15

**Rumely 20-40 Type G Oilpull Tractor undated**

**Physical Description:** 1 photograph : b&w ; 6 x 6 cm

**Scope and Contents**

From Kenneth W. Kiecker

Tractor, Oil

Tractor, Kerosene

**Subjects and Indexing Terms**

Hector (Minn.)

Box-folder 1:16

**Rumely 30-60 Type S Oilpull Tractor undated**

**Physical Description:** 1 photograph : b&w ; 6 x 6 cm

**Scope and Contents**

From Kenneth W. Kiecker

Hector, Minnesota

Tractor, Oil

Tractor, Kerosene

**Subjects and Indexing Terms**

Hector (Minn.)

Box-folder 2:19

**The New Rumely Separator. Left Side circa 1880**

**Scope and Contents**

Photograph Of An Engraving. Machine No. 1087. La Porte, Indiana. 1880's; McFee-Co. Cincinnati, Ohio.; Identification No. 8173

Photo from Allis-Chalmers Mfg. Co.

Separator

**Aereo Corporation**

Box-folder 1:20

**Earthmaster Model S Tractor undated**

**Physical Description:** 1 photograph : b&w ; 10 x 13 cm

**Scope and Contents**

The Earthmaster tractor is popular with truck farmers because of its wide and high clearance. Model S two-wheeled tractor shown bed cultivating, two rows on a bed. Capacity 3-6 acres per day.

Tractor, Garden

Box-folder 1:21

**Earthmaster Tractor Easily Pulls 10" Moldboard Plow undated**

**Physical Description:** 1 photograph : b&w ; 10 x 13 cm

**Scope and Contents**

Earthmaster tractor easily pulls 10" moldboard plow and plows 2 to 3 acres per day.

Tractor, Garden

Plow

Box-folder 1:22

**Earthmaster Two-Wheel Tractor undated**

**Physical Description:** 1 photograph : b&w ; 10 x 13 cm

**Scope and Contents**

Automatic features of Earthmaster two-wheel tractor permit operator to walk at side rather than behind when plowing

Tractor, Garden

Box-folder 1:23

**Discing Is Simple And Easy With The Earthmaster Tractor undated**

**Physical Description:** 1 photograph : b&w ; 10 x 13 cm

**Scope and Contents**

Discing is simple and easy with the Earthmaster tractor because of its automatic features

Tractor, Garden

Harrow, Disc

**Aerovent Fan Equipment, Inc.**

**Subjects and Indexing Terms**

Lansing (Mich.)

Box-folder 1:24

**Aerovent Fiber Glass Housing For The Venti-Pack And Vari-Pack Lines Of Fan Equipment [1976]**

**Physical Description:** 1 photograph : b&w ; 20 x 25 cm

**Scope and Contents**

Title Taken From Information In The Aerovent Folder

Fan

**Agrimotor Tractor Company**

**Subjects and Indexing Terms**

Wichita (Kan.)

Box-folder 1:25-26

**Mid-West 9-18 undated**

**Physical Description:** 1 photograph : b&w ; 13 x 18 cm 1 photograph : b&w ; 10 x 13 cm 1 photograph : negative : b&w ; 13 x 18 cm

**Scope and Contents**

Mid-West 9-18, Agrimotor Tractor Co., Wichita, Kansas. A World War I farm tractor when every blacksmith and machine shop, as well as engine builder and garage sprouted at least one tractor in search of the "perfect farm tractor" that would make them rich

The Agrimotor Tractor Co. Was Incorporated By The Wichita Tractor Co.; The Mid-West 9-18 Was Listed In 1921. It Used A Gile Two-Cylinder 5 x 6 1/2 Inch Motor. The Opposed Cylinders Gave The Engine Inherent Balance For A Smooth Running Outfit. Kingston Carburetor. Bennett Air Cleaner, And Atwater-Kent Ignition System Were All Standard Equipment. Agrimotor Remained In The Directory Listings Through 1924.

From the Encyclopedia Of American Farm Tractors

Tractor, Gasoline

**Ajax Auto Traction Company**

**Subjects and Indexing Terms**

Portland (Or.)



Box-folder 1:27

**Ajax 20-45 Tractor undated**

**Physical Description:** 1 photograph : b&w ; 9 x 14 cm

**Scope and Contents**

Ajax Auto Traction Co., Ajax 20-45, No. 1

Originals Supplied To Allan Herman By C.H. Harsch, Spokane, Washington; Reprint Taken From A Postcard

Tractor, Gasoline

Box-folder 1:28

**Ajax Auto Traction Co. undated**

**Physical Description:** 1 photograph : sepia ; 11 x 17 cm

**Scope and Contents**

Originals Supplied To Allan Herman By C.A. Harsch, Spokane, Washington; Tractor Has A Twin City Logo On Body.

Tractor, Gasoline

Box-folder 1:29

**Ajax Orchard King undated**

**Physical Description:** 1 photograph : sepia ; 12 x 17 cm

**Scope and Contents**

Originals Supplied To Allan Herman By C.A. Harsch, Spokane, Washington; Tractor Has A Twin City Logo On Body.

Tractor, Gasoline

Box-folder 1:30

**Ajax Auto Traction Co. with unknown plow undated**

**Physical Description:** 1 photograph : sepia ; 12 x 17 cm

**Scope and Contents**

Originals Supplied To Allan Herman By C.A. Harsch, Spokane, Washington

Tractor, Gasoline

Plow, Gang

**Alameda County Agricultural Works**

**Subjects and Indexing Terms**

Alameda (Calif.)

Box-folder 1:45

**Harry Smith Came Out To California From Missouri In The Early Days, Starting His Own Agricultural Works undated**

**Scope and Contents**

Harry Smith came out to California from Missouri in the early days, starting his own agricultural works, which was the most important factory between Oakland and San Jose from 1858 to 1900. Note one of his steam engines standing in front.

Engine, Steam

**Alamo Manufacturing Co.**

Box-folder 1:36

**Portable Alamo Ideal Gas Engine circa 1900**

**Scope and Contents**

Portable Alamo Ideal gas engine on the belt shredding corn fodder

From J. H. Shideler

Backed On A 7 3/4 x 9 3/4 Board

[Eaton, Ohio]

Engine, Gasoline

**Alberta Foundry Machine Co., Ltd**

**Subjects and Indexing Terms**

Medicine Hat (Alta.)

Box-folder 1:46

**Alberta Foundry Machine Co. Ltd "Canadian" Tractor, 1919, 14-28 HP, 2 ch. undated**

**Scope and Contents**

For Further Information See Correspondence From R. H. A. Lacey Of The Medicine Hat Chamber Of Commerce

Tractor, [Kerosene]

**Allen Tractor Co.**

**Subjects and Indexing Terms**

Chicago (Ill.)

Box-folder 1:49

**Allen Water Ballast Tractor, Allen 17 undated**

**Scope and Contents**

Allen 1918

Taken From F.H. Higgins' Notes, Gas Review 2/14 & 6/16. Allen Tractor Co., Chicago, Illinois. Capital Increase From \$25,000 to 35,000

Tractor, Gasoline

**Allied Truck Tractor Co.**

**Subjects and Indexing Terms**

Minneapolis (Minn.)

Box-folder 1:52-53

**Allied 10-20 Tractor circa 1921-1924**

**Scope and Contents**

A \$1,650 tractor was offered from 1921 to 1924 by the Allied Co. Slightly over 10 feet long, it weighed 4,800 pounds. A Buda 4 1/4 x 5 1/2 inch, four cylinder motor provided 10 drawbar and 20 brake horsepower. The front-wheel drive achieved a lot of popularity for a few years. Hyatt and New Departure roller bearings were used throughout

From *Encyclopedia Of American Farm Tractors*

Tractor, Gasoline

**Allis-Chalmers Manufacturing Co.**

**Subjects and Indexing Terms**

Milwaukee (Wis.)

Box-folder 1:57

**Fairmount Hospital Of Alameda County, San Leandro, Calif. circa 1958**

**Scope and Contents**

Verso: #82109; This Print Furnished By Allis-Chalmers Mfg Co., Tractor Group, Milwaukee, Wisconsin

San Leandro, California

Hospital

Box-folder 1:58

**Curtis C. Baldwin circa 1960**

**Scope and Contents**

For Further Information See Correspondence From George D. Baldwin Dated 6/8/60  
Baldwin, Curtis C.

Box-folder 1:59	<p><b>Turning Over Old Barley Stubble, Preparing Seed Bed For Cotton In This Fine Two-Crop Area 1955</b></p> <p><b>Scope and Contents</b></p> <p>Operator Henry Joy of Rt. 1, Box 134, Chandler, Arizona, on model WD-45 tractor and spinner plow from dealer McGinnis Implement Co., farming about 550 acres of barley, cotton, corn, alfalfa and higuera (June 7, 1955)</p> <p>Verso: C.O. Perrine, 1749 Orange St., Riverside, California; Owner Gail Johnson, Rt. 1, Box 134, Chandler, Arizona</p> <p>Plow, Two-Way</p> <p>Tractor, Gasoline</p>
Box-folder 1:60	<p><b>Tractor Office 1936</b></p> <p><b>Scope and Contents</b></p> <p>#102543</p> <p>Building</p>
Box-folder 1:61	<p><b>Monarch Tractor Division, Springfield, Illinois, #6984 undated</b></p> <p><b>Scope and Contents</b></p> <p>Factory</p>
Box-folder 1:62	<p><b>Gleaner, Self-Propelled In Higuera Field In Arizona 1955</b></p> <p><b>Scope and Contents</b></p> <p>Gleaner harvesting 6 foot high higuera in Arizona</p> <p>Verso: C.O. Perrine, 1749 Orange St., Riverside, California</p> <p>Arizona</p> <p>Harvester</p>
Box-folder 1:63	<p><b>Plowing Old Milo Maize Stubble Land, Preparing Seed Bed For Cotton in 1956 1955</b></p> <p><b>Scope and Contents</b></p> <p>An Allis-Chalmers HD-16 pulling a Yonkers-Johnson, 3 bottom, 22" wide by 18" deep plow in its third year. Owned by Skousen &amp; Hasting, Rt. 1, Box 44, Queen Creek, Arizona. Operated by Frank Sawyer, P.O. Box 394, Queen Creek, Arizona</p> <p>Verso: C.O. Perrine, 1749 Orange St., Riverside, California; Farming About 2,000 Acres Cotton, Maize, Alfalfa, And Spuds. Dealer For Equipment was McGinnis Implement Co., Chandler, Arizona</p> <p>Queen Creek, Arizona</p> <p>Tractor, Crawler(1); Tractor, Diesel(1); Plow, Two-Way(2)</p>
Box-folder 1:64	<p><b>Harvesting Barley In California undated</b></p> <p><b>Scope and Contents</b></p> <p>#55555 California</p> <p>Tractor, [Gasoline]; Harvester</p>
Box-folder 1:65	<p><b>Harrows, Salinas Valley undated</b></p> <p><b>Scope and Contents</b></p> <p>Allis-Chalmers harrows in the Salinas Valley</p> <p>Salinas Valley, California</p> <p>Harrow; Tractor, Crawler; Tractor, Diesel</p>
Box-folder 1:66	<p><b>An Allis-Chalmers HD-5 Diesel Tractor Pulling An Allis-Chalmers Harrow undated</b></p> <p><b>Scope and Contents</b></p> <p>Harrow; Tractor, Crawler; Tractor, Diesel</p>

Box-folder 1:67

**Allis-Chalmers WD Farm Tractor And Allis Chalmers Harvester undated**

**Scope and Contents**

Allis-Chalmers WD farm tractor and Allis-Chalmers "All-Crop" harvester harvest anbury wheat near Berlin, Wisconsin

#25360

Berlin, Wisconsin

Tractor, [Diesel]; Harvester

Box-folder 1:68

**Baldwin Gleaner Harvesting Higuera - 6' High 5 December 1955**

**Scope and Contents**

A custom harvester, owned by J.C. Johnson, R. 2, Box 210, Glendale, Arizona. He expects to harvest a total of 500 acres this year; about 100 higuera, 400 milo maize; with the gleaner and one Massey-Harris. Gleaner purchased around 11/30/55

Verso: The Gleaner Came Out Of The "Short Grass Country" Of Kansas, Oklahoma, Texas And Colorado With The Inventions And Practical Efforts Of An 8th Grade Grad From Kansas Named Curtis Baldwin. You Can Find Several Combined Harvester Names With Both Ends Of His Name Hung On Them. And He Left His Mark On Several Combines For Others Such As Advance-Rumely, International, Allis-Chalmers, And His Biggest Super-Duper For Russia, Which He Was Never Paid For, Nor Received Recognition. Dealer Of Product Here Is Neil B. McGinnis Implement Co., Chandler, Arizona; Verso C.O. Perrine, 1749 Orange St., Riverside, California

Box-folder 1:69,  
1:74

**Preparing Seed Bed For Barley 30 November 1955**

**Scope and Contents**

Allis-Chalmers model WD-12 1/2' disc plow pulled by an Allis Chalmers tractor, reclaims 1400 acres new river bottom land along west side of Colorado River, a couple of miles north of Blythe. Until completion of Hoover, Parker, and Davis dams on Colorado River, this area was subject to flood almost every year. Now being cleared of very heavy cottonwood, willow, other brush, and will make top quality farm land. Barley is usually the first crop planted, later on comes cotton, alfalfa, and melons.

Verso: C.O. Perrine, 1749 Orange St., Riverside, California; Dealer of Equipment, Beeler Bros.

Blythe, California

Plow, Disc; Tractor, [Diesel]

Box-folder 1:70

**HD-11 "600" Toolbar Drawn By An Allis-Chalmers WD-45 Diesel Tractor 25 October 1955**

**Scope and Contents**

An Allis-Chalmers WD-45 diesel tractor pulling an Allis-Chalmers HD-11 "600" toolbar tears up old irrigated land in preparation for next year's crop. Jay Farms, 422 James St., Shafter, California, is a large operation - cotton, alfalfa, milo maize, etc.

Verso: C.O. Perrine, 1749 Orange St., Riverside, California; Dealer Of Equipment, San Joaquin Tractor Co., Wasco, California

Toolbar, Plow; Tractor, Diesel

Box-folder 1:71

**Picking 60-Acre Corn Crop on a 2,000 Acre Farm Where Dairy and Beef Cattle Are Stocked October 1954**

**Scope and Contents**

Flying C Farms, Solano Beach, California, October, 1954

Verso: C.O. Perrine, 1749 Orange St., Riverside, California

Solano Beach, California

Picker, Corn; Tractor, [Diesel]; Wagon

Box-folder 1:72	<b>An Allis-Chalmers HD-7 Diesel Tractor With Tillage Equipment undated</b> <b>Scope and Contents</b> Equipment, Tillage; Tractor, Crawler; Tractor, Diesel
Box-folder 1:73	<b>Allis-Chalmers Diesel Tractor With Leveler, 1950 undated</b> <b>Scope and Contents</b> Allis-Chalmers Diesel Tractor With Leveler, 1950
Box-folder 1:75	<b>HD-7W Tractor With 7" - 16" Plows Turning Under Wheat Stubble undated</b> <b>Scope and Contents</b> Allis-Chalmers HD-7W tractor with 7" - 16" plows turning under wheat stubble. Owner, James Stone Cipher, Waitsburg, Washington Verso: C.O. Perrine Industrial Photography, c/o Miller Studio, Salem, Oregon Waitsburg, Washington Tractor, Crawler; Tractor, Diesel; Plow, Disc
Box-folder 1:76	<b>Allis-Chalmers Model K Tractor undated</b> <b>Scope and Contents</b> Allis-Chalmers model K tractor giving the sugar beet crop its first crust breaking and packing before first-over cultivation; Sacramento Valley, California (near Davis) Davis, California Tractor, Crawler; Tractor, [Gasoline]
Box-folder 1:77-78	<b>Allis-Chalmers Diesels Pulling Combines On Tracks 13 July 1957</b> <b>Scope and Contents</b> Allis-Chalmers diesel crawler tractor pulling combine in Sacramento, California Tractor, Crawler; Tractor, Diesel; Combine
Box-folder 1:79	<b>Harvesting Vetch On Union Island In The San Joaquin Delta Of Central California undated</b> <b>Scope and Contents</b> Allis-Chalmers harvesting vetch on Union Island, in the San Joaquin delta of central California, where the big operators are starting to drop small grain and turn to asparagus, sugar beets and other crops not so affected by the war Verso: #67 Union Island, California Harvester
Box-folder 1:80	<b>Detail Of Exclusive Twin-Wheel Drive In The New Allis-Chalmers No. 7 Mower undated</b> <b>Scope and Contents</b> Detail of exclusive twin-wheel drive in the new Allis-Chalmers No. 7 mower showing the sickle in the outer position with the counterweights back Verso: #69910 Mower

Box-folder 1:81	<p><b>Building Terraces With Tractor And Plow Is Becoming Common Practice On Farms Everywhere undated</b></p> <p><b>Scope and Contents</b></p> <p>Building terraces with tractor and plow is becoming common practice on farms everywhere. Running water is controlled and erosion of soil is reduced. Allis-Chalmers WC farm tractor</p> <p>#25667</p> <p>Tractor, Gasoline; Distributor, Fertilizer</p>
Box-folder 1:82	<p><b>Allis-Chalmers Mfg Co. (Milwaukee, Wisconsin): Plowing-First Operation In Crop Production Accomplished Quickly And Easily With Allis-Chalmers Model WD Tractor And Three-Bottom Plow undated</b></p> <p><b>Scope and Contents</b></p> <p>Tractor, Gasoline; Plow</p>
Box-folder 1:83	<p><b>Allis-Chalmers Mfg Co. (Milwaukee, Wisconsin): The Allis-Chalmers 1940 "All Crop" Combine Made A Great Cut In Vetch Field Seed Harvest In The Willamette Valley Of Oregon From Its Arrival In 1928 1940</b></p> <p><b>Scope and Contents</b></p> <p>Verso: #69</p> <p>Harvester</p>
Box-folder 1:84	<p><b>Allis-Chalmers HD-11 Tractor With Toolbar Ripping Up Old Irrigated Land For Next Crop Seedbed undated</b></p> <p><b>Scope and Contents</b></p> <p>Jay Farms, Wasco, California</p> <p>Tractor, Crawler; Tractor, Diesel; Toolbar</p>
Box-folder 1:85	<p><b>Allis-Chalmers Mfg Co.(1); Unknown(2) (Milwaukee, Wisconsin(1); Unknown(2)): Van Dykes And Sons 17 July 1945</b></p> <p><b>Scope and Contents</b></p> <p>For Further Information See F. H. H. Western Union Notes Dated 7/17/45 [Rio Linda, California]</p> <p>Bin, Grain(2); Tractor, Crawler(1); Tractor, Diesel(1)</p>
Box-folder 1:86	<p><b>An Allis-Chalmers Diesel Crawler Pulling A Combine Up A Grade undated</b></p> <p><b>Scope and Contents</b></p> <p>Tractor, Crawler; Tractor, Diesel; Combine</p>
Box-folder 1:87	<p><b>Allis-Chalmers WD Farm Tractor And New Roto-Baler Baling Alfalfa Near Elm Grove, Wisconsin undated</b></p> <p><b>Scope and Contents</b></p> <p>#53967</p> <p>Baler, Roll; Tractor, Gasoline</p>
Box-folder 1:88	<p><b>Allis-Chalmers WD Farm Tractor And Roto-Baler Baling Near San Diego, California undated</b></p> <p><b>Scope and Contents</b></p> <p>Ernest Briden; San Diego, California</p> <p>Identification No. 55380; Title From Letter Sent To F. H. H. From Roland W. Bogenberger Of Allis-Chalmers Mfg Co.</p> <p>San Diego, California</p> <p>Baler, Roll; Tractor, [Gasoline]; Briden, Ernest</p>

- Box-folder 1:89      **Allis-Chalmers HD-10 Tractor And Blackwelder Marbeet Harvester 1949**  
    **Scope and Contents**  
    Verso: William Redding Jr.; Allmond And Parnell, Commercial Photographers, 445 Salinas St., Salinas, California. Phone 4150, #3273  
    Salinas, California  
    Harvester, Beet(2); Tractor, Crawler(1); Tractor, Diesel(1); Wagon(3); Redding, William Jr.
- Box-folder 1:90      **Allis-Chalmers Tractor Pulling Disc Plow undated**  
    **Scope and Contents**  
    Allis-Chalmers tractor using disc plows to till field  
    Identification No. 52037  
    Plow, Disc; Plow, Gang; Tractor, [Diesel]
- Box-folder 1:91  
Box-folder 1:92      **Edward P. Allis undated**  
    **Allis-Chalmers Tractor And Blackwelder Marbeet Harvester With Chevrolet Truck In Background undated**  
    **Scope and Contents**  
    Harvester, Beet(2); Tractor, Crawler(1); Tractor, Diesel(1); Truck(3)
- Box-folder 1:93      **Allis-Chalmers WD Farm Tractor And Roll Binder Baling Near Fresno, California undated**  
    **Scope and Contents**  
    Eugene Ambrosini; Fresno, California  
    Identification No. 55102; Title From Letter Sent To F. H. H. From Roland W. Bogenberger Of Allis-Chalmers Mfg Co.  
    Tractor, [Diesel]; Baler, Roll; Ambrosini, Eugene
- Box-folder 1:94      **Allis-Chalmers HD-10 Tractor Discing Field North Of Bakersfield undated**  
    **Scope and Contents**  
    From H. C. Schneider  
    Kern County, California  
    Plow, Disc; Tractor, Crawler; Tractor, Diesel
- Box-folder 1:95      **The New All-Purpose Allis-Chalmers Forage Harvester undated**  
    **Scope and Contents**  
    The new all-purpose Allis-Chalmers forage harvester harvesting windrowed, field cured hay--chopping the crop and delivering it to a trailer wagon. Power provided by Allis-Chalmers model WD tractor.  
    #52410  
    Harvester(1); Tractor, Diesel(1); Wagon(2)
- Box-folder 2:1-2      **Allis-Chalmers 225 HP, Turbocharged, Diesel, Hydraulic Torque Converter Drive, Crawler Tractor undated**  
    **Scope and Contents**  
    Identification No. 447045, 74425  
    Bulldozer; Tractor, Crawler; Tractor, Diesel

- Box-folder 2:3      **Allis-Chalmers FT-100-24 Diesel Powered Lift Truck undated**  
**Scope and Contents**  
Allis-Chalmers FT-100-24 diesel powered lift truck  
Verso: #81683  
Forklift
- Box-folder 2:5      **Here Goes An Allis-Chalmers All-Crop Through Yuma, Arizona undated**  
**Scope and Contents**  
Arizona and California highways are specked with bright colors these days as the brand new combines roll out to the farms and ranches through the regular highway traffic. Here goes an Allis-Chalmers All-Crop through Yuma, Arizona.  
Identification No. 54  
Yuma, Arizona  
Combine(1); Tractor, [Gasoline](2); Truck(3)
- Box-folder 2:6      **Rice Combining In Crowley, Louisiana 1931**  
**Scope and Contents**  
Tractor, [Gasoline]; Harvester
- Box-folder 2:7      **The Green Alfalfa Is Caught In A Power Box Pulled By Same Diesel Tractor That Pulls The Forage Harvester undated**  
**Scope and Contents**  
2-picture story: stretching pastures for dairy herd by green crop harvesting and feeding in dry lots. It increases carrying capacity of an acre of alfalfa at least 25%, says T.L. Shelton, Chula Vista, California, who owns this Allis-Chalmers WD-45 and forage harvester. The green alfalfa is caught in a power box pulled by same diesel tractor that pulls the forage harvester, then unhitched from harvester when box is full, and the load hauled to the manger running alongside the dry lot and unloaded by a mere touch of the finger to the control in front of tractor driver. Shelton sells his alfalfa crops to neighboring dairyman and also to his son-in-law for a satisfactory deal to all.  
Verso: C.O. Perrine, 1749 Orange St., Riverside, California  
Chula Vista, California  
Harvester, Forage(1); Tractor, Diesel(1); Equipment, Forage(2) Shelton, T. L.
- Box-folder 2:8      **Allis-Chalmers HD-10 Tractor Discing Field North Of Bakersfield undated**  
**Scope and Contents**  
From H.C. Schneider  
Kern County, California  
Plow, Disc; Tractor, Crawler; Tractor, Diesel
- Box-folder 2:9      **Allis-Chalmers Experimental P-91 Crawler Tractor undated**  
**Scope and Contents**  
Allis-Chalmers experimental P-91 crawler tractor, powered by a Boeing gas turbine engine. An operator puts the unit through its paces at the proving ground of the company's Springfield, Illinois works in a far reaching research program to test and evaluate the advantages and disadvantages of a gas turbine engine for tractor power.  
Bulldozer; Tractor, Crawler; Tractor, [Diesel]



Box-folder 2:10	<p><b>Allis-Chalmers Diesel Line At California Polytechnic 1965</b></p> <p><b>Scope and Contents</b></p> <p>Allis-Chalmers diesel line at California Polytechnic, April 1956</p> <p>Verso: #667A</p> <p>San Luis Obispo, California</p> <p>Tractor, Diesel; Tractor, Crawler; Tractor, Crawler</p>
Box-folder 2:11	<p><b>G.L. Allison, Ramona, California Farm Allis-Chalmers WD-45 Tractor undated</b></p> <p><b>Scope and Contents</b></p> <p>G.L. Allison, Ramona, Calif. farm Allis-Chalmers WD-45 tractor picking up loose rock in field as he drills a grain crop</p> <p>Verso: C.O. Perrine, 1749 Orange St., Riverside, California</p> <p>Drill, Grain; Tractor, Diesel; Allison, G. L.</p>
Box-folder 2:12	<p><b>An Allis-Chalmers HD-11 Diesel Tractor With Bulldozer undated</b></p> <p><b>Scope and Contents</b></p> <p>Verso: #770P</p> <p>Tractor, Crawler; Tractor, Diesel; Bulldozer</p>
Box-folder 2:13-15	<p><b>Allis-Chalmers HD 5 Loading Earth Into Truck 3 January 1956</b></p> <p><b>Scope and Contents</b></p> <p>A-C HD 5 Loading into trucks on site of store between Los Angeles and Whittier Caption From Photo Developer's Envelope (Higgins holograph)</p> <p>Road Construction Equipment (1); Tractor, Diesel (1); Tractor, Crawler (1); Loader (2)</p>
Box-folder 2:16	<p><b>Allis-Chalmers HD 11 With Attached Dozer Blade Moving Earth undated</b></p> <p><b>Scope and Contents</b></p> <p>Tractor, Crawler; Tractor, Diesel; Road Construction Equipment</p>
Box-folder 2:17	<p><b>Allis-Chalmers WD 45 Tractor Powering 2-Row Corn Picker undated</b></p> <p><b>Scope and Contents</b></p> <p>Allis-Chalmers WD 45 Tractor with a 2-row corn picker; 60 acres corn on 2,000 acres of Webb Bros. farm.</p> <p>"Farmhand" Printed On Side Of Wagon; Verso: C. O. Perrine 1749 Orange St. Riverside, California</p> <p>Escondido, California</p> <p>Picker, Corn; Tractor, Gasoline; Wagon</p>
Box-folder 2:20	<p><b>Allis-Chalmers Tractor And Combine Harvesting Grain undated</b></p> <p><b>Scope and Contents</b></p> <p>Grain harvesting scene with farm buildings and dairy cattle in background</p> <p>Tractor, Gasoline; Combine</p>
Box-folder 2:21	<p><b>Five Allis-Chalmers Gleaners Harvesting Grain Simultaneously undated</b></p> <p><b>Scope and Contents</b></p> <p>Baldwin Co.</p> <p>Federal Crop Insurance Photo, USDA.</p> <p>Combine</p>
Box-folder 2:22	<p><b>Three Men Standing In Front Of Allis-Chalmers Model K Tractor undated</b></p> <p><b>Scope and Contents</b></p> <p>Tractor, Gasoline</p>

Box-folder 2:23,  
2:30-31, 2:33-34,  
2:38

**Allis-Chalmers Tractors With Front Loaders Filling Truck With Earth March 1957**

**Scope and Contents**

A-C tractors on American Trust Bank job  
Various Business Buildings In Background  
Walnut Creek, California  
Tractor, Crawler (1); Earth Moving Equipment (1); Loader (2); Truck (2)

Box-folder 2:24-25,  
2:32, 2:35, 2:39

**Allis-Chalmers Tractor with Front Loader Removing Earth From Building Site March 1957**

**Scope and Contents**

American Trust Bank. Walnut Creek, California.  
Printed On Back Of Gas Tank: Yeghoian Baer; Walnut Creek; YE 4-8915; YE 4-5017.  
Various Business Buildings In Background.  
Walnut Creek, California  
Tractor, Crawler (1); Earth Moving Equipment (1); Loader (2)

Box-folder 2:26

**Allis-Chalmers First Radio Controlled Crawler Tractor Shovel in Operation undated**

**Scope and Contents**

PHOTO #53302 Out of Allis-Chalmers engineering facilities has come the "Spook," the world's first radio controlled crawler tractor shovel. The huge 82,900-pound tractor shovel performs from signals transmitted from a remote control panel strapped to the operator. Although it will have its first commercial application in steel mill slag removal operations, Allis-Chalmers says it has uses in military and civil defense applications, mining, and other areas where danger to an operator on a tractor is apparent.  
Model HD 21G  
Loader

Box-folder 2:27

**Allis-Chalmers Sales Executives Observe Their Tractors on Highway Construction in California undated**

**Scope and Contents**

Factory men on the firing line: Allis-Chalmers sales executives come out to a big highway job in California to see how their tractors perform in the hands of the contractors: Contractor John Carlin of Granfield, Farrar & Carlin in boots with General Sales Manager W. A. Roberts of Allis-Chalmers Mfg Co., Tractor Division, Milwaukee, and Branch Manager N. B. Nelson of the Oakland Branch of the same firm.  
Company Business; Carlin, John; Roberts, W. A.; Nelson, N. B.

Box-folder 2:29

**Allis-Chalmers Model C Tractor and Side Delivery Rake And Tedder Raking Alfalfa Near Gold Hill, Oregon undated**

**Scope and Contents**

Down in Southern Oregon this hay making scene on a dairy farm is typical. Speedy handling of the hay for top quality is essential. E. R. Van Duesen. Gold Hill, Oregon.  
Identification No. 54772; Title From Letter Sent To F. H. H. From Roland W. Bogenberger Of Allis-Chalmers Mfg Co.  
Tractor, Gasoline; Rake, Side Delivery; Tedder; Van Duesen, E. R.

Box-folder 2:36-37

**Allis-Chalmers Roller February 1957**

**Scope and Contents**

A-C construction American Trust Bank  
Caption From Label On Plastic Envelope  
Walnut Creek, California  
Roller

Box-folder 2:28	<b>Flax Roller Attachment 1940</b> <b>Scope and Contents</b> Identification No. 16036 Harvesting Equipment
Box-folder 2:40	<b>Allis-Chalmers Model B Tractor And New Side Delivery Rake And Tedder Raking Alfalfa Near Madera, California undated</b> <b>Scope and Contents</b> Joe Baldrice - Madera, California Tractor, Gasoline; Rake, Side Delivery; Tedder; Baldrice, Joe
Box-folder 2:41	<b>Allis-Chalmers Crawler Tractor Pulling Combine in Salinas Valley circa 1950</b> <b>Scope and Contents</b> Tractor, Crawler (1); Combine (2); Truck (2)
Box-folder 2:42	<b>WD-45 Diesel and WD-45 Cultivating Black Eye Beans 30 May 1955</b> <b>Scope and Contents</b> 1st gear, full throttle-slow, to get close to young plants and rip out the 2" high weeds. Save all possible hoeing. Detail of job: Raisng 400 acres of beans. On same job, working together diesel used 7.5 gal. fuel in 9 hours, at 13 cents per gal. Gas rig used 10 gal. fuel at 21 cents per gal. Will show even better economy on heavy plowing next fall. Mr. Wilson says: "That Diesel is a wonderful tractor." Caption From 1 Page Sheet Describing Photo; Dealer: Schneider Tractor Co. Gardena, California; Owner: Harry R. Wilson; Operator: Charles P. Jenkins Long Beach, California Tractor, Gasoline (1); Tractor, Diesel (1); Cultivator (2); Wilson, Harry R.; Jenkins, Charles P.
Box-folder 2:43	<b>Allis-Chalmers "U" Tractor Pulling All Crop In Wheat 23 July 1937</b> <b>Scope and Contents</b> Hanson, Ohio Tractor, Gasoline; Combine
Box-folder 2:44	<b>Allis-Chalmers All Crop Harvesting Crimson Clover 1936</b> <b>Scope and Contents</b> Smith Brothers in Newberg, Oregon harvesting crimson clover Combine (1); Tractor (2)
Box-folder 2:45	<b>Tractor Pulling New Unit Type Wheel Track Planter For Corn And Beans undated</b> <b>Scope and Contents</b> PHOTO NO. 52252-S This is a new unit-type wheel track planter for corn and beans, introduced by Allis-Chalmers. It is designed for use with any tractor, without major tractor modifications, provided front and rear wheel spacings will adjust to match the 36, 38 or 40 inch row spacings. Tractors with single or dual front wheels can also be used. Caption From 1 Page Description Sheet; See Press Release #I254 Planter, Corn; Planter, Beans; Tractor
Box-folder 2:46	<b>Allis-Chalmers D-17 Tractor With Traction Booster System Pulling Disc Harrow undated</b>
Box-folder 2:47-49, 2:53, 2:55	<b>Unidentified Allis-Chalmers images undated</b>

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Box-folder 2:50	<p><b>[Allis-Chalmers All-Crop?] in California 1936</b></p> <p><b>Scope and Contents</b></p> <p>Sacks for soil-building seed crops is quite the style up and down the Pacific coast. Here is a vetch crop being harvested in mid-California. The double wheels for side-hill work permitted this outfit to cling to goat-steep hills along the ocean south of San Francisco where fogs make combining a tough proposition.</p>
Box-folder 2:52	<p><b>Allis-Chalmers Crawler Pulling Combine in Salinas Valley circa 1940</b></p> <p><b>Allis-Chalmers Mfg. Co. Harvesting [Barley?] California undated</b></p> <p><b>Allis-Chalmers Mfg. Co. Spring-Toothing 1935 or 1936</b></p> <p><b>[Allis-Chalmers] Gyp corn harvest in California circa 1941</b></p> <p><b>Scope and Contents</b></p> <p>Gyp corn harvest in California is a bagging proposition that will have to be changed for 1942, as California can no longer get its quota of 50,000,000 burlap bags for bean, rice, grain, potato, onion, and other crops.</p>
Box-folder 2:54	
Box-folder 2:56	
Box-folder 2:51	
Box-folder 2:57	<p><b>Allis-Chalmers General Purpose Tractor with 6-Foot Grain Binder undated</b></p> <p><b>An Allis-Chalmers 10-18 Built 1914 to 1916 undated</b></p> <p><b>[Allis-Chalmers 10-18?] undated</b></p> <p><b>Allis-Chalmers Mfg. Co. HD 7 Diesel undated</b></p> <p><b>Full Rear View of Allis-Chalmers 12-20 Tractor undated</b></p> <p><b>Allis-Chalmers Mfg. Co. 20-35 Tractor with Solid Rubber-Tired Wheels. 3/4 front view. undated</b></p> <p><b>Right 3/4 rear view of Allis-Chalmers 12-20 Tractor undated</b></p> <p><b>[Allis-Chalmers 12-20 Tractor?] Left 3/4 rear view. undated</b></p> <p><b>Allis-Chalmers Mfg. Co. 15-25 Special Orchard Tractor undated</b></p> <p><b>Allis-Chalmers Mfg. Co. 15-30 Tractor Pulling 4 Bottom Gang Plow undated</b></p> <p><b>Allis-Chalmers Mfg. Co. Model "U" Moldboard Plowing on the Beaver Dam Farm Near LaPorte, Indiana undated</b></p> <p><b>Allis-Chalmers Mfg. Co. General Purpose Tractor Attached to Allis-Chalmers 2 Bottom 24" Disc Plow undated</b></p> <p><b>Allis-Chalmers Mfg. Co. John Reuss, San Antonio, Texas Writes Under Date of March 3rd, 1917: -- "I have used my Allis-Chalmers Farm Tractor one year. Plowed 500 acres, repairs less than \$5.00." undated</b></p> <p><b>Allis-Chalmers Cotton Pickers undated</b></p> <p><b>Andrew J. Pike undated</b></p> <p><b>Meinrad Rumely undated</b></p> <p><b>Scope and Contents</b></p> <p>Meinrad Rumely and his brother John began building threshing machines at LaPorte, Indiana, in 1857 after four years of corn shellers and horse powers. Over the next century plus mergers and reorganizations made it Advance-Rumely Co., Rumely Products Co., Inc., and finally a root of the modern Allis-Chalmers Mfg. Co.</p>
Box-folder 2:61	
Box-folder 2:62	
Box-folder 2:63	
Box-folder 2:64	
Box-folder 2:65-68	
Box-folder 2:69	
Box-folder 2:70	
Box-folder 2:71	
Box-folder 2:72	
Box-folder 2:73-92	<p><b>E.W. Hamilton undated</b></p> <p><b>Scope and Contents</b></p> <p>E.W. Hamilton, steam engineer on a threshing crew to help earn his engineering degree at University of Wisconsin; editor of Canadian Thresherman and later of American Thresherman; advisory Engineer with Allis-Chalmers Mfg. Co.; charter member American Society of Agricultural Engineers.</p>
Box-folder 3:1	
Box-folder 3:2	
Box-folder 3:3	<p><b>Allis-Chalmers Personalities- Two Men Working on Tractor undated</b></p> <p><b>Louis Brenners 1941</b></p> <p><b>Scope and Contents</b></p> <p>Louis Brenners at time of retirement after selling his heavy duty deep tillage line to Allis-Chalmers.</p>
Box-folder 3:4-5	
Box-folder 3:6	

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Box-folder 3:7	<b>Manuel Fariq, San Leandro 1949</b>
Box-folder 3:8	<b>The Allis-Chalmers Group at the Conference at Pendleton 3 August 1951</b> <b>Scope and Contents</b> L to R: Blockman E.L. McEwen, Walla Walla; Branch Mgr. A.E. Mills, Portland; Br. Sales Mgr. H.W. Appel, Portland; Br. Mgr. G.W. Schiermann, Pocatello, Idaho; Br. Mgr. J. Earl Begley, Bullings, Mont.; C.E. Frudden, Consulting Engineer, Milwaukee; W.G. Scholl, Gen. Sales Mgr., Milwaukee; A.E. Doon, Territory Mgr. Pacific Coast, Milwaukee; W.J. Bryant, Br. Sales Mgr., Portland; V.P. R.S. Stevenson arrived next day and is not in picture.
Box-folder 2:93-94, 3:15	<b>Allis-Chalmers Personalities: N.B. Nelson, Ellzey Brown, and [?] Arnold undated</b> <b>Scope and Contents</b> Ellzey Brown Visits California: Allis-Chalmers dynamic Sales Promotion Manager decided to come out to the Coast and see what the shootin' was all about in the heavy construction, logging, and ranch areas where A-C Oil Tractors have been going so good. Here he is flanked on the left by California Manager Nelson and on the right by [Blockman?] Arnold of Los Angeles territory. Ellzey is the third Oklahoman to make that state famous outside its boundaries. Will Rogers and Wiley Post were the other two, of course. Mr. Brown is the man who first dressed tractors and road machinery in bright colors to cash in on color sales appeal. Then, he put air tires on them and sent Barney Oldfield racing farm tractors around state fair tracks at automobile speeds. Now he is adding stream lining to his stable of iron horses. His Allis-Chalmers tractor copy shows the way to the field in speed, power and draw-bar pull. Photo by Orville Logan Snider.
Box-folder 3:11	<b>Rex Clark, Santa Ynez undated</b> <b>Scope and Contents</b> Photograph is of interior of barn. No people are present in the image.
Box-folder 3:12	<b>N.B. Nelson, Branch Manager undated</b>
Box-folder 3:13-14	<b>Jack Case, Woodland [CA?] with HD10 1946</b>
Box-folder 3:16	<b>Allis-Chalmers Personalities: Two Men Talking undated</b>
Box-folder 3:17-18	<b>Allis-Chalmers National Forum Radio Program undated</b>
Box-folder 3:10	<b>E.C. Livingston Co. Paso Robles at the Salinas Valley Fair undated</b>
Box-folder 3:9	<b>Allis-Chalmers Personalities- Man with suit undated</b> <b>Scope and Contents</b> Appears to have been cut from larger photograph.
Box-folder 3:19-21	<b>Allis-Chalmers Personalities: Crook Company undated</b>
Box-folder 3:22	<b>[J.L.?] Bennington, Walla Walla, Wash. with All-Crop Harvester undated</b>
Box-folder 3:23	<b>Northern Harris Allis-Chalmers undated</b>
Box-folder 3:24	<b>[J.L. Bennington?] undated</b>
Box-folder 3:25	<b>Two Men with Tractor and [Harvester?] in Field undated</b>
Box-folder 3:26	<b>Man Working in Orchard, City of Shafter undated</b>
Box-folder 3:27	<b>Truck with Trailer Labeled "PFL" undated</b>
Box-folder 3:28	<b>Side View M P Ranch undated</b>
Box-folder 3:29	<b>H.C. Schneider undated</b>
Box-folder 3:30	<b>Allis-Chalmers Personalities: [Man with unidentified equipment] undated</b>
Box-folder 3:31	<b>Paso Robles A.C. Dealer Livingston undated</b>
Box-folder 3:32	<b>Interior Salinas- Butler Building undated</b>
Box-folder 3:33	<b>Interior new addition King County Butler Building undated</b>
Box-folder 3:34	<b>Allis-Chalmers Dealer Salinas Livingston undated</b>
Box-folder 3:35	<b>Exterior King City- Livingston undated</b>
Box-folder 3:36	<b>Salinas 1947</b>
Box-folder 3:37	<b>Wintroath Pump Co.- Bakersfield Butler Built undated</b>
Box-folder 3:38	<b>Shaw Sales and Service Co. undated</b>
Box-folder 3:39	<b>Gedit Allis-Chalmers Rockwell Hardness Test Apparatus undated</b>

Box-folder 3:40	<b>Chalmers educational Diesel Truck at U. of California. Farm machinery Conference, Davis, CA January 1940</b>
Box-folder 3:41	<b>Allis-Chalmers Representative explains the Grate-Kiln System circa 1958</b>
Box-folder 3:42	<b>New Vibrating Mill at the 1958 Mining Show 1958</b>
Box-folder 3:43	<b>E.W. Hamilton Collection Blades of Grass circa 1955</b>
Box-folder 3:44	<b>Pre-Engineered Dry Grinding Plant 1958</b>
Box-folder 3:45	<b>Allis-Chalmers Dry Grinding Plant circa 1958</b>
Box-folder 3:47	<b>Allis-Chalmers: Dealers? undated</b>
Box-folder 3:48	<b>Moore Equipment Co., Allis-Chalmers dealer Stockton circa 1940s</b>
Box-folder 3:49	<b>Schneider Tractor Co. undated</b>
Box-folder 3:50	<b>Capitol Tractor Equipment Co. undated</b> <b>Scope and Contents</b> Exterior of shop or service location
Box-folder 3:51	<b>Capitol Tractor Equipment Co. undated</b> <b>Scope and Contents</b> Interior of shop
Box-folder 3:52-53	<b>Capitol Tractor Equipment Co. undated</b> <b>Scope and Contents</b> Exterior of shop
Box-folder 3:54	<b>Arizona Equipment Sales, Inc. undated</b> <b>Scope and Contents</b> Here is one of Arizona's rugged dealerships that cover both big farming and mining for service all over irrigated valleys, mountains, deserts and logging. The Atlas, Buda engine, LeTourneau, Oliver OC18, Twin Disc OK Clutch and Machinery, P & H Shovels, etc. Mr. Putnam had just signed up Arizona Equipment Sales, Inc., to handle the big Oliver tractors for industrial sales when seen on Feb. 14, last.
Box-folder 3:55	<b>Air Tired Farm Tractor Record Run! Milwaukee to Chicago undated</b> <b>Scope and Contents</b> Parade float pulled by tractor. "In route International Live Stock Exposition Chicago"
Box-folder 3:56	<b>Moore Equipment Co. Inc. North Sacramento undated</b> <b>Scope and Contents</b> Includes separate sheet with list of employees
Box-folder 3:46, 3:65	<b>Donald Schneider, Schneider Tractor Co., Tustin, CA circa 1940s</b> <b>Scope and Contents</b> Three men with an HD10 [Diesel?]
Box-folder 3:57 Box-folder 3:58	<b>Ocean Park Motor Court Post Card undated</b> <b>Man with HD10 undated</b> <b>Scope and Contents</b> "JM" Allis-Chalmers Mfg. Co. Modesto Patterson Lincoln Welding School
Box-folder 3:59-60 Box-folder 3:62	<b>Umatilla Tractor Co. 1957</b> <b>Cal-Poly Royal Dealer Show 1956</b>

Box-folder 3:63	<b>[Stansfield McKnight] Faster Power Allis Chalmers Authorized Sales and Service Tractors - Implements undated</b> <b>Scope and Contents</b> A-C Dealer stores: Tulare, Dinuba, Lindsay, CA
Box-folder 3:64	<b>Allis-Chalmers Dealers and Advertising: [Exterior of Dealership] undated</b>
Box-folder 3:65	<b>Donald Schneider, Schneider Tractor Co., Tustin, CA undated</b>
Box-folder 4:1, 4:3	<b>Butler-Built Building:Butler Built Building E.C. Livingston Co. Stall at Cal. State Fair Stall at Cal. State Fair 1948</b>
Box-folder 4:2	<b>E.C. Livingston Co. undated</b>
Box-folder 4:4	<b>Salinas Butler Bldg. next to Livingston 1 May 1947</b>
Box-folder 4:5	<b>Frank Livingston at King City Store undated</b>
Box-folder 4:6	<b>[Man with Notepad] 1958</b>
Box-folder 4:7-9	<b>A-C Alfalfa Harvester 18 July 1957</b> <b>Scope and Contents</b> Blockman - Glenn Maddox Dealer: Roland Quimby
Box-folder 4:10	<b>Barney Oldfield and Allis Chalmers Model 4 Rubber-Tired Racing Tractor 6 December 1933</b> <b>Scope and Contents</b> Taken prior to entering a race at the Dallas Industrial Speedway, Dallas, Texas
Box-folder 4:11	<b>Promotion Rubber Tires - U's ready for race at Canada (Tour of Canadian Fairs) 1934</b>
Box-folder 4:12	<b>B Tractor - Square Dance Demonstration 1939</b>
Box-folder 3:61	<b>A-C Branch Home Emeryville, CA undated</b>
Box-folder 4:13	<b>Cummins Powered Ditcher 1956</b> <b>Scope and Contents</b> Thompson and Sons Home Development
Box-folder 4:14	<b>A-C Combine 1940</b>
Box-folder 4:15	<b>WD-45 Scraper: Scraper Cleaning Turkey Pen 11 August 1955</b> <b>Scope and Contents</b> Huntsinger Turkey Ranch, Saugus, Calif.
Box-folder 4:16-17	<b>Huntsinger Turkey Ranch Saugus, Calif 11 August 1955</b>
Box-folder 4:18	<b>Chalmers Combination Tractor Co. 1916 8-16 HP. Cyls.? 1916</b> <b>Scope and Contents</b> "Chalmers"
Box-folder 4:19	<b>Goodwin Pick-up Nut Harvester 1949</b>
Box-folder 4:20-21	<b>Goodwin Almond Harvester, Manteca, Calif. undated</b>
Box-folder 4:22-24	<b>Goodwin Almond Harvester at Work in His Grove Near Manteca, Calif. undated</b>
Box-folder 4:25	<b>Hillside Harvester in Washington 1964</b>
Box-folder 4:26-27	<b>Gleaner CH (Hillside) in Washington 1964</b>
Box-folder 4:28	<b>Hillside Harvester undated</b>
Box-folder 4:29	<b>Waitsburg, Harvester undated</b>
Box-folder 4:30	<b>Hillside Harvester undated</b>
Box-folder 4:32	<b>Diesel Subsoiling Imperial Valley 1944</b>
Box-folder 4:33	<b>California State Fair Tractor Driver Contest 1939-1941</b> <b>Scope and Contents</b> Wheels or tracks, the kids had their choice of tractors at the California State Fair tractor drivers' contest, which drew enthusiastic crowds of young and old, women and men, as well as all the farm boys and girls. And it pleased EVERY exhibitor! So good it will be a regular feature at state fairs in the West from now on.

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Box-folder 4:34	<p><b>Peerless Bean Pump is the Initial Step in Carving Out a New Cotton Farm circa 1936</b></p> <p><b>Scope and Contents</b></p> <p>Peerless Bean Pump is the initial step in carving out a new cotton farm on the west side of the San Joaquin Valley for Bill Glotz, who operates it from a power take-off from the rear of his tractor until the power line gets in to this new farming area. This firm sold over \$1,000,000 worth of these turbine-type pumps for irrigation in the San Joaquin Valley [alone] in 1936 and expects as much new business in 1937.</p>
Box-folder 4:35	<p><b>J. Wem Lely's Stationary Feed Chopper in His Shop 1940s</b></p> <p><b>Scope and Contents</b></p> <p>J. Wem Lely, developer with his local farmers of the early "Corn Head" idea for changing over grain combine to corn harvest. Here is his stationary feed chopper in his shop.</p>
Box-folder 4:36	<p><b>Rold-Lely-Whipple Corn Harvester 1954</b></p> <p><b>Scope and Contents</b></p> <p>The crowd around the Rold-Lely-Whipple Corn Harvester in front of the Auditorium at Orland at noon included farmers, seed corn breeders, machine shop operators, and University of California specialists in agricultural engineering, agronomy, soils, fertilizers, irrigation, etc.</p> <p>Includes brochure</p>
Box-folder 4:37-39 Box-folder 4:40	<p><b>Allis-Chalmers Industrial Graders: Antioch leveling for Paper Board Factory undated</b></p> <p><b>Allis-Chalmers Industrial Graders: BD-2 Motor Grader Grading West Virginia Highways undated</b></p>
Box-folder 4:41-43 Box-folder 4:44	<p><b>Industrial Graders: [Oakland Drive Freeway?] [July 1951]</b></p> <p><b>Industrial Graders: Oakland Drive Freeway July 1951</b></p> <p><b>Scope and Contents</b></p> <p>Diesels: Cat, Cummins, IH, and Allis-Chalmers</p>
Box-folder 4:45 Box-folder 4:46	<p><b>[Grader Working at Road Cut] undated</b></p> <p><b>Model BD-2 Maintains 7.5 Miles Steep Mountain Truck Road undated</b></p> <p><b>Scope and Contents</b></p> <p>Owned by B &amp; B Logging Co., Hayfork, Trinity County, California</p>
Box-folder 4:47-48 Box-folder 4:49 Box-folder 4:50	<p><b>Reliance Equipment Co.: A-C Blade and HD 5 Landscaping 15 March 1951</b></p> <p><b>[Reliance Equipment Co.: A-C Blade and HD 5 Landscaping?] [15 March 1951]</b></p> <p><b>Scrapers: Village Side Leveling 1956</b></p> <p><b>Scope and Contents</b></p> <p>Two A-C scrapers, one Cat D8 bulldozer</p>
Box-folder 4:51-53 Box-folder 4:54 Box-folder 4:55	<p><b>Allis-Chalmers Scrapers [Worksite with Eucalyptus in Background] undated</b></p> <p><b>Allis-Chalmers Scrapers [Building an Embankment?] undated</b></p> <p><b>[Kainer?] Bros. Atlas Diesel Powered Monarch (Allis-Chalmers) Tractor on the Approach to Benicia S.P. Bridge in California 1929</b></p>
Box-folder 4:56-57 Box-folder 4:58 Box-folder 4:59	<p><b>HD 19 A-C Diesel at work, Antioch Calif. 1948</b></p> <p><b>[HD 19 Pulling 12-Yard LeTourneau Scraper?] undated</b></p> <p><b>HD 19 Pulling 12-Yard LeTourneau Scraper. City of Shafter, Calif. undated</b></p> <p><b>Scope and Contents</b></p> <p>HD 19 pulling 12-yard LeTourneau scraper as it digs a trench to bury the city garbage for the City of Shafter, Calif.</p>
Box-folder 4:60	<p><b>A-C Tractor Pulling a Scraper Followed by an A-C Tractor Pushing(?) From Behind undated</b></p>

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Box-folder 4:31	<p><b>[Man and Dog on Tractor] undated</b>  <b>Scope and Contents</b>                  See also 8:26</p>
Box-folder 4:61	<p><b>HD 10 Allis-Chalmers on Ateco Scraper-Carrier 1948</b>  <b>Scope and Contents</b>                  Highway 40 west of Davis, Calif.</p>
Box-folder 4:63	<p><b>One of the Kaiser jobs built in 1926 by Monarch (Allis-Chalmers) at Springfield, Ill. undated</b></p>
Box-folder 4:64-65	<p><b>Unidentified A-C Tractor Pulling Scraper undated</b></p>
Box-folder 4:66-68	<p><b>San Joaquin Trade Co. HD 19 1950</b></p>
Box-folder 4:69-70	<p><b>Unidentified 0000</b>  <b>Scope and Contents</b>                  Equipment labeled "Meadow Construction Co., Bakersfield"</p>
Box-folder 4:62, 4:76	<p><b>HD21 A-C Scraper undated</b></p>
Box-folder 4:71	<p><b>A-C Tractor Pulling a Scraper Digging a Trench undated</b></p>
Box-folder 4:72-74	<p><b>San Joaquin Trade Co. HD 19 1950</b></p>
Box-folder 4:75	<p><b>Georgia [Kaolin?] Stripping [Orcharder?] undated</b></p>
Box-folder 4:77	<p><b>72225- Allis-Chalmers TS-360 Motor Scraper Powered by the 280 HP A-C Diesel Engine undated</b>  <b>Scope and Contents</b>                  The TS-360 has a 20 cu. yd. heaped capacity. The pusher unit assisting in this road construction job is an Allis-Chalmers HD-21 Diesel-powered torque converter drive crawler tractor. An Allis-Chalmers TS-200 motor scraper is in the background.</p>
Box-folder 4:78	<p><b>Allis Chalmers HD-19 Crawler and Euclid Loader Remove Over Burden undated</b>  <b>Scope and Contents</b>                  Louisville, Kentucky levee project</p>
Box-folder 4:79	<p><b>[HD-19 Crawler?] undated</b></p>
Box-folder 4:84, 4:86, 4:89	<p><b>Ripping in Mack's Swimming Pool: A-C HD 6 1958</b></p>
Box-folder 4:90-91	<p><b>Whittier Area A-C Loading on Landscraper for Store 1946</b></p>
Box-folder 4:92	<p><b>Allis-Chalmers Loaders: HD 5 Diesel Loader undated</b></p>
Box-folder 4:80-83, 4:85, 4:87-88, 5:7, 5:11-13	<p><b>Mack's Swimming Pool Construction 1958</b>  <b>Scope and Contents</b>                  92 Grand View Pl., Walnut Creek, Calif.</p>
Box-folder 5:1	<p><b>HD-11 Loading Trucks on Highway Job in San Diego Area undated</b>  <b>Scope and Contents</b>                  Allis-Chalmers diesels developed from the old Buda line of engines are a potent factor in southern California and Arizona for road building. The Tractomotive front loaders are standard for the A-C line.</p>
Box-folder 5:2	<p><b>HD-5 Diesel undated</b></p>
Box-folder 5:3	<p><b>HD 11 G Model Tractor w/ Combination Bulldozer Loader undated</b>  <b>Scope and Contents</b>                  At work on a mananese mine in Mojave County, Arizona for Evans &amp; Evans. Tractor does double duty in building roads and loading ore.</p>
Box-folder 5:4	<p><b>[HD-5 Diesel at Work Underground] undated</b></p>
Box-folder 5:5	<p><b>[Golden Gate Turf Club Track, Albany, Calif.] 1941</b></p>

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Box-folder 5:6	<b>Allis-Chalmers Crawler Tractors Remove Overburden on Pennsylvania Open-Pit Coal Mine undated</b>
Box-folder 5:8-10	<b>[A-C Loader Near House] undated</b>
Box-folder 5:14	<b>HD-11G 1955</b> <b>Scope and Contents</b> Open-pit manganese mine, Arizona
Box-folder 5:15-16	<b>On the Campus of Stanford University 1937</b>
Box-folder 5:17	<b>[HD-19? Diesel] undated</b>
Box-folder 5:18	<b>Walnut Creek, California. A-C Bulldozing on [Acalones?] High School Grounds. Dollar Ranch, Tyce Valley. 1958</b>
Box-folder 5:19	<b>Allis-Chalmers Loaders: Tractors by USC Building 1951</b>
Box-folder 5:20	<b>A-C HD-5 Tracto-Shovel Preparing Basement for New Building on Campus at Evanston, Illinois undated</b>
Box-folder 5:21	<b>HD 11G, Kern River Canyon 1955</b> <b>Scope and Contents</b> Loading trucks on extensive highway widening program. Kern River Canyon, State Hwy. 178. 25 miles north east of Bakersfield, California.
Box-folder 5:22	<b>Allis-Chalmers Loaders: [Working Underground] undated</b>
Box-folder 5:23	<b>HD 5 Diesel at Construction Site undated</b>
Box-folder 5:24	<b>[A-C Hoisting Treads?] undated</b>
Box-folder 5:25	<b>Allis-Chalmers Dozers: HD 20 Carving Access Road 1953</b> <b>Scope and Contents</b> Carving access road on Twin Feather [Mills?] logging operations near Klamath, Oregon. June-July 1953. Timber Topics.
Box-folder 5:26	<b>HD-10 Land Clearing in Mexico undated</b>
Box-folder 5:27	<b>Snow Tractor undated</b>
Box-folder 5:28	<b>A-Cs Laying Pipe undated</b>
Box-folder 5:29	<b>Pipelines: The Hidden Highway undated</b> <b>Scope and Contents</b> Pipelines -- the hidden highways -- require the power of crawler tractors as they span our nation to bring petroleum to an expanding economy.
Box-folder 5:30	<b>International Harvester Co. Building Site, Oakland California 1941</b>
Box-folder 5:31, 33	<b>Bulldozing by crawler tractor undated</b>
Box-folder 5:32	<b>HD 10 Diesel 1944</b> <b>Scope and Contents</b> Out with the peach trees to make way for barley for 1945! Big Allis-Chalmers crawler tractor equipped with bulldozer rooting out 240 acres of peaches at end of a disastrous season that saw 100,000 tons of California peaches go to waste because OPA couldn't make up its mind to set a price till harvest was half over. El Solyo Ranch, Vernalis
Box-folder 5:34	<b>AD-3 Motor Grader Removing Snow undated</b> <b>Scope and Contents</b> Federal highway near Valparaiso, Indiana
Box-folder 5:35	<b>HD-10 Diesel Crawler Tractor with Bulldozer 1949</b> <b>Scope and Contents</b> HD-10 Diesel crawler tractor with bulldozer on its nose clearing cattle corral, Jan. 1949, in the Sand Hill country of northwest Nebraska.
Box-folder 5:36	<b>Bulldozing with Crawler Tractor undated</b>

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Box-folder 5:37	<b>HD-3 Compact Crawler Tractor undated</b> <b>Scope and Contents</b> Photo no. 87919: Allis-Chalmers HD-3 compact crawler tractor powered by the Allis-Chalmers 4-cylinder diesel engine developing 40 engine hp (manufacturer's rating) at 1650 rpm. Note: see A-C press release file for matching info. Press Release #1250.
Box-folder 5:38	<b>LO Oil Tractor Equipped with Bulldozer undated</b> <b>Scope and Contents</b> LO oil tractor equipped with bulldozer for spoil bank leveling and acting as booster in case a big load gets stuck in a soft spot. Geo. W. Condon's outfit on the All-American Canal entrance where he has a sub-contract for moving 2,000,000 yards of dirt.
Box-folder 5:39	<b>Granfield, Farrar Carlin's A-C on the Contra Costa County Low Level Tunnel 1937</b> <b>Scope and Contents</b> Granfield, Farrar & Carlin's A-C on the Contra Costa County low level tunnel approach shaping up the shoulders as the paving is completed. This tractor made a great record here.
Box-folder 5:40	<b>[A-C Flanked by Two Men] undated</b>
Box-folder 5:41	<b>[A-C at Work in the Mountains] undated</b>
Box-folder 5:42	<b>A-C Oil Engines in Construction undated</b>
Box-folder 5:43-44	<b>A-C with [Road Surfacers?] undated</b>
Box-folder 5:45	<b>HD-7 Crawler with Baker Bulldozer undated</b> <b>Scope and Contents</b> Allis-Chalmers HD-7 crawler with Baker bulldozer levels aggregate on new street of Philadelphia subdivision.
Box-folder 5:46	<b>HD LO Dozing at Steep Rock Iron Mines, Ontario, Canada undated</b>
Box-folder 5:47	<b>HD-10 Crawler Tractor in Texas undated</b> <b>Scope and Contents</b> Allis-Chalmers HD-10 crawler tractor removes debris after disastrous chemical explosion in Texas.
Box-folder 5:48	<b>HD-21 Diesel-Powered Torque Converter Drive Crawler Tractor undated</b> <b>Scope and Contents</b> 42855-S -- Allis-Chalmers HD-21 diesel-powered torque converter drive crawler tractor with cable dozer engaged in highway construction. Its Allis-Chalmers Diesel engine develops 204 net engine hp.
Box-folder 5:49	<b>HD-21 with Tracto Ripper undated</b> <b>Scope and Contents</b> Allis-Chalmers HD-21 with Tracto Ripper and Allis-Chalmers cable dozer working at the Navajo dam Project near Aztec, NM, for M-K-F & S contractors, Farmington, NM.
Box-folder 5:50	<b>HD-21 Baker Dozer 27 May 1955</b> <b>Scope and Contents</b> Supplying building material for the vast home and business building program that is going ahead all over Los Angeles, and the whole Southern California area. As shown, dozer is pushing fine sand, hauled in by truck, over into the coarse sand pit, so it gets picked up and properly mixed for best concrete mix. They also have pebble size gravel, all from a million year old river bed, now away above valley floor in Palos Verdes hills.

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Box-folder 5:51	<p><b>HD-21 with Baker Bulldozer [1955?]</b></p> <p><b>Scope and Contents</b></p> <p>Allis-Chalmers HD-21 with Baker Bulldozer doing a push-power job of shoving fine sand over into the coarse sand pit for proper mixing for quality concrete mix to meet exacting standards in home and road construction in southern California. Another Allis-Chalmer item on this job is an HD-15 with dozer. Seen in background is dragline excavating sand from pit.</p>
Box-folder 5:52	<p><b>HD-21 Dozer Spreading Rock Dump on Fill 9 December 1955</b></p> <p><b>Scope and Contents</b></p> <p>Spreading rock dump on fill, relocation of 6.4 miles of U.S. Hwy. 80, between Tombstone and Bisbee, Arizona.</p>
Box-folder 5:53	<p><b>HD-21 Spreading Rock to Fill on the Re-Location of 6.4 miles of US Highway 80 9 December 1955</b></p>
Box-folder 5:54	<p><b>HD-16 Tractor Tearing Loose Ancient Cement undated</b></p> <p><b>Scope and Contents</b></p> <p>A Ripping Success! HD-16 Allis-Chalmers tractor tearing loose ancient cemented gravel at work on new construction adjacent [to] Marine base at Oceanside, Calif. [Rohl] Sand &amp; Rock Co., sent much sand and gravel north to the Los Angeles area during strike in that area.</p>
Box-folder 5:55	<p><b>HD-16 Dozer Ripper 17 December 1955</b></p> <p><b>Scope and Contents</b></p> <p>Oceanside city adjoins Pendleton Marine Base, where much new construction goes on -- also, the whole south coast area is growing rapidly, and at present, due to strike in Los Angeles County, much rock and sand goes clear up there. So this plant is very busy.</p>
Box-folder 5:56	<p><b>HD-21 Diesel [on Edge of Berm] undated</b></p>
Box-folder 5:57	<p><b>HD-16 Diesel [Preparing to Spread Rock?] undated</b></p>
Box-folder 5:58	<p><b>HD-16 Diesel [Spreading Rock?] undated</b></p>
Box-folder 5:59	<p><b>HD-16 [Diesel?] undated</b></p>
Box-folder 5:60	<p><b>HD-19 Crawler Bulldozes Heavy Shale in Open-Pit Coal Mine in Indiana undated</b></p>
Box-folder 5:61	<p><b>Model HD-15 Bulldozing Logging Roads undated</b></p> <p><b>Scope and Contents</b></p> <p>Building primary, secondary and spur roads at the West Fork of the West Gallatin River in the Gallatin National Forest. Owned by Corcoran Pulpwood Co., Bozeman, Montana.</p>
Box-folder 5:62	<p><b>HD-9 Logging in Mt. Bohem and Mt. Forest Concrete, Washington undated</b></p> <p><b>Scope and Contents</b></p> <p>Owned and operated by Ray Drohe, Concrete, Washington</p>
Box-folder 5:63	<p><b>8-HD-21's-Dozers 8 December 1955</b></p> <p><b>Scope and Contents</b></p> <p>Moving earth and rock on large copper mining project now under development. 22 miles S.W. of Tucson, Arizona.</p>
Box-folder 5:64	<p><b>HD-21 Diesel undated</b></p>
Box-folder 5:65	<p><b>HD-21 Diesel-Powered Torque Converter Drive Crawler undated</b></p> <p><b>Scope and Contents</b></p> <p>Clearing a West Coast highway of debris following a landslide.</p>
Box-folder 5:66	<p><b>A-C at Work in [Mine?] undated</b></p>

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Box-folder 5:67	<b>235 Horsepower A-C HD-21 undated</b> <b>Scope and Contents</b> Big projects are synonymous with big crawler tractors. Here a 235 horsepower Allis-Chalmers HD-21 bulls its way through shale on the St. Lawrence Seaway project.
Box-folder 5:68-69	<b>HD-21-A-C Dozer-TL-11 Ripper 23 November 1955</b> <b>Scope and Contents</b> Preparing for construction of large gravel and rock. Santa Ana River Canyon, Orange County, California.
Box-folder 5:70 Box-folder 5:71-73 Box-folder 5:74	<b>[HD-21?] at Work on Hillside, Southern California undated</b> <b>[HD-21?] at Work in Ranchland undated</b> <b>HD-21-Dozer Filling Around Large Culvert on New "Bee-Line" Highway 3 August 1955</b> <b>Scope and Contents</b> Filling around large culvert on new "Bee Line" Highway, between Mesa and Bryson, Arizona. Short cut for Phoenix back to get up on the Magellan Rim.
Box-folder 5:75-77 Box-folder 5:78-81 Box-folder 6:5 Box-folder 6:6	<b>"Bee Line" Highway Job 1955</b> <b>A-C Owned by L.E. Town, Bakersfield Excavating Grading undated</b> <b>"Bee Line" Highway Project [1955]</b> <b>HD-21 at Work Bulldozing the Upper Road Into Smooth Crossing [1955]</b> <b>Scope and Contents</b> Many grade separations are going in on the new freeways being built on the main routes laid out in the US 50-billion-dollar program. Here is an Allis-Chalmers HD-21 equipped with all the latest accessories at work bulldozing the upper road into smooth crossing of the 2-way bridge in the San Diego area.
Box-folder 6:7	<b>HD-21 Diesel-Powered Torque Converter Drive Crawler Tractor undated</b> <b>Scope and Contents</b> Allis-Chalmers HD-21 Diesel-powered torque converter drive crawler tractor with cable dozer engaged in highway construction. Its Allis-Chalmers Diesel engine develops 204 net engine hp.
Box-folder 6:8	<b>HD-16 Dozer Pushing up earth for fill against bridge abutment 1955</b> <b>Scope and Contents</b> Rebuilding, widening, resurfacing 2.73 miles of Arizona highway 90, through the tiny desert town of Fry, site of old-time (from Indian days), but still occupied Fort Huachuca.
Box-folder 6:9	<b>: HD-16 Dozer Pushing up earth for fill 1955</b> <b>Scope and Contents</b> Different view of photo in 6:8
Box-folder 6:10 Box-folder 6:11	<b>Allis-Chalmers Dozers: HD-16 undated</b> <b>Allis-Chalmers Dozers: HD-16 undated</b> <b>Scope and Contents</b> Different view of photo in 6:10

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Box-folder 6:12	<p><b>HD-11 A-C dozer clearing and levelling new land for irrigation 6 December 1955</b></p> <p><b>Scope and Contents</b></p> <p>Piling mesquite trees, filling a small wash. Mr. Vance appears to be quite an operator. Now farming 1400 acres cotton, barley, alfalfa, etc., a few miles north of here. Just starting to clear this new ranch, 15,000 acres fine desert loam soil, been at it 3 months and has 400 acres ready or in crop -- barley first year. Expects to be dix years getting the entire 15,000 under irrigation from deep wells. Each well and pump costs \$15,000 to \$20,000 and usually takes about two to three square miles. So this kind of farming requires somebody with plenty cash, plus plenty of willingness to gamble.</p>
Box-folder 6:13	<p><b>HD-11 A-C dozer clearing and levelling new land for irrigation 6 December 1955</b></p> <p><b>Scope and Contents</b></p> <p>Different view of photo in 6:12</p>
Box-folder 6:14 Box-folder 6:15 Box-folder 6:16	<p><b>HD-21 moving earth undated</b></p> <p><b>Allis-Chalmers Dozers: Front-loader filling truck undated</b></p> <p><b>Allis-Chalmers Dozers: Front-loader filling truck undated</b></p> <p><b>Scope and Contents</b></p> <p>Different view of job pictured in photo in 6:15</p>
Box-folder 6:17 Box-folder 6:18	<p><b>Moving earth with truck in background undated</b></p> <p><b>Moving earth undated</b></p> <p><b>Scope and Contents</b></p> <p>Same job as photo in 6:18?</p>
Box-folder 6:19 Box-folder 6:20	<p><b>HD-20. 1500 tons per - phosphate rock to conveyer belt at [Westvaer?] Chem. Co., Don, Idaho undated</b></p> <p><b>Dozer Moving Fill undated</b></p> <p><b>Scope and Contents</b></p> <p>Other machine labeled "Johnson &amp; Nelson Excavating and Grading. Phone 2126 San Anselmo"</p>
Box-folder 6:21 Box-folder 6:22	<p><b>Dozer in Deep Cut undated</b></p> <p><b>A-C HD5 with Rear-Mounted Rippers and Front Scoop Loaders undated</b></p> <p><b>Scope and Contents</b></p> <p>Attachments such as rear-mounted rippers and front scoop loaders on diesel farm tractors give the owner in many areas work for year-round use of tractor to make it pay off. Here an Allis-Chalmers HD5 is busy on a store site near Whittier, California.</p>
Box-folder 6:23 Box-folder 6:24	<p><b>HD-14 Bulldozing Potato Warehouse Foundation, Shafter, Calif. 21 February 1945</b></p> <p><b>HD-14 Bulldozing Potato Warehouse Foundation, Shafter, Calif. 21 February 1945</b></p> <p><b>Scope and Contents</b></p> <p>Different view of job site in 6:23</p>
Box-folder 6:27	<p><b>HD-14 Bulldozing Potato Warehouse Foundation, Shafter, Calif. 21 February 1945</b></p> <p><b>Scope and Contents</b></p> <p>Different view of job site in 6:23 and 6:24</p>
Box-folder 6:30 Box-folder 6:31-36, 6:38-39 Box-folder 6:37 Box-folder 6:40 Box-folder 6:41-42 Box-folder 6:43	<p><b>Allis-Chalmers Industrial: Whittier Citrus Grove - Two A-C Scrapers undated</b></p> <p><b>Allis-Chalmers Industrial: Unidentified [Scrapers?] undated</b></p> <p><b>Allis-Chalmers Industrial: Cat Tractor [Scraper?] undated</b></p> <p><b>Whittier Citrus Grove undated</b></p> <p><b>Whittier Citrus Grove? undated</b></p> <p><b>Allis-Chalmers Industrial: Unidentified Equipment undated</b></p>

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Box-folder 6:44-47 Box-folder 6:48-49	<b>Earth-Moving Equipment 1957</b> <b>Oakland City Street Work January 1956</b> <b>Scope and Contents</b> A-C with [fork lift] shovel loading broken paving. Cat D8 bulldozing.
Box-folder 6:50 Box-folder 6:51	<b>[Bonneville] Dam undated</b> <b>[Bonneville Dam] undated</b> <b>Scope and Contents</b> Different view of job in photo 6:50
Box-folder 6:52	<b>Camanche Gold Dredging Company Electric Dredge on Mokelumne River 1935</b> <b>Scope and Contents</b> Camanche Gold Dredging Company's new \$100,000 electric dredge just starting work on the Mokelumne River, near Camanche, California. An Allis-Chalmers 35 tractor is used to move it forward by means of cable running from front of dredge to each shore.
Box-folder 6:53 Box-folder 6:54 Box-folder 6:55 Box-folder 6:56	<b>A-C 35 Tractor (Mokelumne River Near Camanche, Calif. 1935</b> <b>Allis-Chalmers Tractor on Edge of Berm undated</b> <b>A-C Moving Fill on Hillside undated</b> <b>State Health Building, Berkeley, Calif. A-C Diesel and Front Scoop. 9 October 1952</b> <b>Physical Description:</b> Two photographic prints
Box-folder 6:57	<b>[Berkeley, California?] circa 1952</b> <b>Physical Description:</b> Two photographic prints <b>Scope and Contents</b> Tractor in photograph appears to be a LeRoi
Box-folder 6:58 Box-folder 6:59	<b>[HD-21 Diesel, Chandler, Arizona] 1955</b> <b>HD-21 Diesel, Chandler, Arizona 1955</b> <b>Scope and Contents</b> Industrial mining. Moving material in sludge pond. At plant of Barite Division, Macco Corp., near Chandler, Arizona.
Box-folder 6:60-61	<b>HD-21-2 SP-300 Bonne Hall, Flagstaff, Ariz. Working in Uranium Mine in Utah undated</b> <b>Scope and Contents</b> 25 miles east of Cameron, Arizona
Box-folder 6:62 Box-folder 6:63 Box-folder 6:64 Box-folder 6:65	<b>Allis-Chalmers Logging: McCormick Logging Benneville undated</b> <b>Two HD-5 Diesels Labeled "Pack River Lumber Co." undated</b> <b>A-C HD-15 with [Carco?] Winches undated</b> <b>HD-5 Feeding Logs to Mill undated</b> <b>Scope and Contents</b> Owned by Lockridge Lumber Co., Stamton, Virginia. Operated by Rausom H. Lockridge.
Box-folder 6:66	<b>HD-5 Loading Lumber to Truck undated</b> <b>Scope and Contents</b> Owned by Lockridge Lumber Co., Stamton, Virginia. Rausom H. Lockridge.
Box-folder 6:67	<b>280 HP 6 DAS 844 Diesel Engine undated</b> <b>Scope and Contents</b> Truck hauling logs across bridge

Box-folder 6:68	<b>A-C HD40 Grader Owned by L.W. Grumeli Logging Co., Branscomb, California [1953]</b> <b>Scope and Contents</b> July '53 "Timber Topics"
Box-folder 6:69	<b>HD-15 with Carco F Winch Skidding White Pine Logs undated</b> <b>Scope and Contents</b> HD-15 with Carco F Winch skidding white pine logs to landing at Woods Operation Camp #140 Camp J Headquarters, Idaho. Owned by the Potlatch Forests, Inc. of Lewison, Idaho and operated by Jim Johnston.
Box-folder 6:70 Box-folder 6:71	<b>A-C HD-5 and Drott Skid Loader Loading Logs in Northern Wisconsin undated</b> <b>Helicopter Hovers Overhead Spraying the Forest Floor with Seeds undated</b> <b>Scope and Contents</b> Helicopter hovers over head spraying the forest floor with seeds for the trees of tomorrow, today's trees are skidded out of the forest by the power and rugged agility of the crawler tractor. [A-C C114 with Bulldozer in Foreground]
Box-folder 6:72	<b>HD-5 Skidding White Pine Tree Length Logs Into Truck Landing and Using Dozer as Required 1925</b> <b>Scope and Contents</b> Owned by Pack River Lumber Co., Sandpoint, Idaho.
Box-folder 6:73	<b>HD-9 with Gar Wood Hydraulic Dozer and Carco F Winch undated</b> <b>Scope and Contents</b> Melvin J. Wilcox, North San Juan, California. Logging operation located in Sierra Mountains - 20M bd. ft. of Ponderosa Pine daily. Photos show load of 2,000 feet of Ponderosa Pine. Dealer - Moore Equipment Co.
Box-folder 6:74	<b>HD-5 Stacking Lumber undated</b> <b>Scope and Contents</b> Owned by Lockridge Lumber Co., Stamton, Virginia. Operated by Rausom H. Lockridge.
Box-folder 6:75	<b>HD-5 Unloading at Mill undated</b> <b>Scope and Contents</b> Showing stakes in place then stakes removed to finish unloading. Owned by Lockridge Lumber Co., Stamton, Virginia. Operated by Rausom H. Lockridge.
Box-folder 6:76-77	<b>HD-5 Logging and Lumber Handling undated</b> <b>Scope and Contents</b> Carrying and skidding from stumps to landing. Owned by Lockridge Lumber Co., Stamton, Virginia. Operated by Rausom H. Lockridge. [2 views]
Box-folder 6:78	<b>HD-5 Feeding Logs to Mill undated</b> <b>Scope and Contents</b> Operated by Rausom H. Lockridge. Owned by Lockridge Lumber Co., Stamton, Virginia.
Box-folder 6:79	<b>HD-9 Logging in Mt. Bohem and Mt. Forest Concrete, Washington. undated</b> <b>Scope and Contents</b> Owned and operated by Ray Drohe, Concrete, Washington.
Box-folder 6:80	<b>HD-15 with New Carco Dozer Clearing Right of Way for a Main Log Truck Road undated</b> <b>Scope and Contents</b> Owned by the White Swan Lumber Co., White Swan, Washington.



- Box-folder 6:81      **HD-5 Picking Out the Big Ones undated**  
    **Scope and Contents**  
    600 feet in this green oaklog - handles it as if it were a baseball bat. Owned by Lockridge Lumber Co., Stamton, Virginia. Operated by Rausom H. Lockridge.
- Box-folder 6:82      **A-C Delegation at the Logging Congress 1932**  
    **Scope and Contents**  
    Left to right: S.B. Tatom, Spokane; Wade Goodman, Spokane; E.L. Hughes, Spokane; H.J. Yoakum, Milwaukee; W.H. Yount, Oakland. (West Coast Lumberman Nov. 1932. 71 Columbia St Seattle Wash.)
- Box-folder 6:83      **Allis-Chalmers Military; Tractors: A-C Snow Tractor undated**  
    **Scope and Contents**  
    Dealer photograph
- Box-folder 6:84      **Model HD-10 Tractor Equipped with Buckeye Bulldozer undated**  
    **Scope and Contents**  
    Operated ny CBs on the construction of Aelutian base. Official US Navy photo.
- Box-folder 6:85      **AC Model HD-7 Clearing Streets of Air Raid Shelters in Rangoon after Japanese Surrender 1945**  
    **Scope and Contents**  
    Credit Line: British Combine
- Box-folder 6:86      **Long Tom of the 7th Army Moving Through [Plombières], France Behind the Division it Supports 1944**  
    **Scope and Contents**  
    Drawn by M-4 Prime Mover. Credit Line: US Army Signal Corps.
- Box-folder 6:87      **Bulldozers used by Marines in the South Pacific Perform a Variety of Duties circa 1941-1945**  
    **Scope and Contents**  
    The Allis-Chalmers tractor lifts its bulldozer as it hauls supplies for the Marines after a landing in the South Pacific. Note the sandy beach and the Baker bulldozer, built in Springfield, Ill., by two different factories. (Credit line: Official US Marine Photo)
- Box-folder 6:88      **A-C on Island After Island Across the Pacific circa 1941-1945**  
    **Scope and Contents**  
    On island after island across the Pacific, Seabees put the power of bulldozers into action in vital war-time projects.
- Box-folder 6:89      **First Construction, Koli Bomber No. 12. 61st CBs. 25 June 1943**  
    **Scope and Contents**  
    Credit line: US Navy Photo
- Box-folder 6:90      **Bulldozers used by Marines in the South Pacific Perform a Variety of Duties circa 1941-1945**  
    **Scope and Contents**  
    Credit line: Official US Marine Photo
- Box-folder 6:91      **A-C with Bulldozer, [South Pacific?] circa 1945**

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Box-folder 6:93	<b>A-C Tractor- Baker Dozer - Bulldozer Used by Marines in the South Pacific circa 1941-1945</b> <b>Scope and Contents</b> Credit line: Official US Marine Photo
Box-folder 6:94	<b>Model HD-14 Tractor Equipped with Buckeye Bulldozer Working on an Aleutian Base with the CBs circa 1942-1943</b> <b>Scope and Contents</b> Credit line: Official US Navy Photo
Box-folder 6:95	<b>Model HD-14 Pulling Le Tourneau Scraper on Construction Project in Aleutians circa 1942-1943</b> <b>Scope and Contents</b> Credit line: Official US Navy Photo
Box-folder 6:96 Box-folder 6:97 Box-folder 6:98-100	<b>M-4 Prime Mover - An Artillery Tractor (Dealer Photo) undated</b> <b>Allis-Chalmers Misc.: A-C Pulling a [Grader?] undated</b> <b>Clearing Snow from a Haystack undated</b> <b>Scope and Contents</b> Three views
Box-folder 7:1 Box-folder 7:2 Box-folder 7:3 Box-folder 7:4 Box-folder 7:5 Box-folder 7:6 Box-folder 7:7 Box-folder 7:8 Box-folder 7:9 Box-folder 7:10 Box-folder 6:101 Box-folder 7:11 Box-folder 7:12 Box-folder 7:13 Box-folder 7:14 Box-folder 7:15-16	<b>Graph: Torque Multiplication undated</b> <b>Unidentified Illustration (Turbine?) undated</b> <b>Illustration: Turbine and Pump undated</b> <b>Illustration and Graph: Horse Power x Engine RPM undated</b> <b>Illustration: RPM x Tractor Travel, MPH undated</b> <b>Graph: High Gear undated</b> <b>Graph: For Efficient Operation undated</b> <b>Graph: Low Gear undated</b> <b>Cutaway View of Engine undated</b> <b>Diagram of (Hydraulic?) System undated</b> <b>Graph: Power Curve 6-71 Diesel Engine undated</b> <b>Diagram of Engine undated</b> <b>Close-up of Operator Controls undated</b> <b>A-C Cultivator - Close-up of Blades undated</b> <b>Celery-Cutting Blade, Stockton undated</b> <b>Round-Wheel Tractors circa 1920</b> <b>Scope and Contents</b> Two different machines
Box-folder 7:17-18 Box-folder 7:19 Box-folder 7:20-24 Box-folder 7:25-27 Box-folder 6:92	<b>Man Driving (Cultivator?) undated</b> <b>A-C Powering Pump? undated</b> <b>Men at Unidentified Worksite undated</b> <b>Ad in Pacific Rural Press for A-C 6-12 HP Cultivating Tractor 1919</b> <b>Supplies for the Fighting Men on Bougainville circa 1941-1945</b> <b>Scope and Contents</b> Those two LSTs close in at the beach on Bougainville, are unloading supplies and equipment for US Marines and Army troops that are battling the [Japanese]. Tractors, trucks and bulldozers are being run through shallow water from the landing craft to the beach. (Credit line: Official US Navy Photo) A-C tractor and Buckeye dozer
Box-folder 7:28	<b>Restored 6-12 July 1955</b>

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Box-folder 7:29	<b>Allis-Chalmers Model B? undated</b> <b>Scope and Contents</b> Young sugar beet plants grow so close together in the row that they must be thinned out. This is a beet trimming machine built into a small tractor.
Box-folder 7:30	<b>Electricity Produced by 1,008 Fuel Cells Powers This Experimental A-C Tractor circa 1960</b> <b>Scope and Contents</b> Electricity produced by 1,008 fuel cells powers this experimental Allis-Chalmers tractor. T.G. Kirkland, a member of the research team that built the cells and installed them in the engineless tractor, points to a unit of nine fuel cells. Chemical reactions between a mixture of fuel gases and oxygen -- largely propane -- and an electrolyte within the cells produce 15 kilowatts of electricity. The direct current goes through bus bars (the bright, horizontal bars shown above) to a compact controller which regulates the speed and direction of the tractor by controlling the amount of current reaching the 20-horsepower motor.
Box-folder 7:31	<b>Typical Wheat Farming in the Walla Walla Area 1951</b> <b>Scope and Contents</b> Typical wheat farming in the Walla Walla area as pictured in colored slides by W.H. Bennington, son of the Walla Walla dealer in Allis-Chalmers, New Holland and Terratractor lines. A-C HD-7 with 3 10-inch grain drills working in Blue Mountain foothills.
Box-folder 7:32	<b>Corn Planting in 20-Inch Rows 1966</b> <b>Scope and Contents</b> Corn planting in 20-inch rows in the exhibit area for the National Plowing Contest and Soil Conservation Field Day at Jefferson, Iowa, Sept. 8-9, 1966. This plot has comparisons of 132 corn varieties from 18 companies. All production practices are the same except row spacing. Corn is being compared in 20-, 30- and 40-inch row widths.
Box-folder 7:33	<b>Monarch 75 - Kaiser Rebuilt at [R-?] 1928</b> <b>Scope and Contents</b> Here's one side of the Allis-Chalmers Monarch 75 powered by Atlas Diesel engine at the '28 California State Fair.
Box-folder 7:34	<b>Fong Shew Ming on His A-C HD10 May 1950</b> <b>Scope and Contents</b> Fong Shew Ming on his Allis-Chalmers HD-10 at work on the Pearson ranch near Willows when he was guided by Agricultural Commissioner Harrigan of Glenn County as Higgins as gathering his monthly story for the Rice Journal of New Orleans.
Box-folder 7:35	<b>Chew Ming's A-C HD10 [1950]</b> <b>Scope and Contents</b> Chew Ming's Allis-Chalmers HD-10 on gang plow for rice. Pearson Ranch. 5-bottom Oliver plow.
Box-folder 7:36	<b>C.R. Wadel, Wasco, Calif., Does a Sub-Soiling Job undated</b> <b>Scope and Contents</b> C.R. Wadel, Wasco, Calif., does a sub-soiling job on his old hard-packed farm roadway at end of field. He raises cotton, potatoes, onions, alfalfa seed and barley on his 400 acres. Big tires with weights give it traction for such a rugged job. Soils in this area are frequently "tight" and require sub-soiling.
Box-folder 7:37	<b>A-C Diesels - HD-3 Harrow, HD-7 Chisel undated</b>

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- Box-folder 7:38 **HD-7 Diesel undated**  
Box-folder 7:39-40 **A-C Ripping Salinas Valley. Calif. circa 1940**  
Box-folder 7:41 **[A-C Crawler Followed by Manual Plow] undated**  
Box-folder 7:42 **Model U Owned by Albert Schaefer, [Waukesha?], Wisc. undated**  
**Scope and Contents**  
First original airplane tires on farm tractor - Model U at Wisconsin museum now.
- Box-folder 7:43 **1914 A-C 10-[18] Alongside a 1955 Model (WD-45) circa 1955**  
Box-folder 7:44 **Joe Bishop, Dealer-Farmer, Showing His Neighbor Farmers What's What in Balloon Tires on Tractors for Winter Farming 1933**  
**Physical Description:** 1 photographic print and 1 slide  
Joe points with ear of corn and his dog also knows his master knows and so points his nose! Pekin, Ill.  
The Wheel made its biggest advance in history when it donned "AIR TIRES"! Here's the first change-over from steel to air I saw in March, 1933. There were earlier ones in Florida where vegetable growers were trying auto tires on their small wheel tractors for better traction in sandy soils.
- Box-folder 7:45 **Skousen Hasting, Queen Creek, Arizona. (HD-16) undated**  
**Scope and Contents**  
Plowing old corn land and preparing seed bed for the long-staple cotton of Arizona. Allis-Chalmers HD-16 and 2-way 3-bottom plow.
- Box-folder 7:46 **A-C Diesel, HD-7 on Old [Bean?] Pump undated**  
**Scope and Contents**  
HD-7 on old [Bean?] pump for farm-yard garden. Up highway north of Winters.
- Box-folder 7:47 **A-C Diesel Seed Bed Work Salinas Valley 1947**  
Box-folder 7:48 **Moving Into the New A-C Branch at Emeryville, California undated**  
**Scope and Contents**  
The latest branch home of several built on the West Coast the past four years to take care of the growing farm equipment business.
- Box-folder 7:49 **Model G. Greenhouse Work. undated**  
**Scope and Contents**  
Rebuilt by dealer, Modesto, Calif.
- Box-folder 7:50 **Model G. undated**  
**Scope and Contents**  
Rear view of photograph in 7:50
- Box-folder 7:51 **A-C "B" on Farm Near Orem, Utah 1942**  
**Scope and Contents**  
A-C B on farm near Orem, Utah, where berries are the big crop with tree fruits, pigs and [Guernseys] balancing the farm for profit through the years. The little "B" is a mighty handy iron man to have around, says the owner. Burr's Farm.
- Box-folder 7:52, 62 **[Model G, Rear Engine?] undated**  
Box-folder 7:53, 55 **Model G, Rear Engine 1948**  
**Scope and Contents**  
Faria Bros., San Lorenzo. A-C "G" on Nursery, Manuel Faria on tractor.

Box-folder 7:54, 70-71	<b>Short Turn by New Owner of A-C G Near San Lorenzo, Calif. 1948</b> <b>Scope and Contents</b> Manuel Faria on tractor.
Box-folder 7:56 Box-folder 7:57-58	<b>[Model G, Rear Engine?] undated</b> <b>[Model G, Rear Engine?] undated</b> <b>Scope and Contents</b> Rear view of photograph in 7:56
Box-folder 7:59-61, 63-64, 69	<b>A-C G Rear Engine 1948</b> <b>Scope and Contents</b> Manuel Faria on tractor.
Box-folder 7:65 Box-folder 7:66-67 Box-folder 7:68	<b>A-C [G?], Close-Up of Front undated</b> <b>A-C [G?], Close-Up of Steering Wheel undated</b> <b>A-C G, Rear Engine undated</b> <b>Scope and Contents</b> Same operator as photographs in 7:56-58
Box-folder 7:72	<b>A-C Orchard Tractor and Triple Disk Cultivator undated</b> <b>Scope and Contents</b> C.M. Eason. [1141?] Conway Building, Chicago
Box-folder 7:74	<b>HD-10 at Work on Vincent Vanderford Ranch undated</b> <b>Scope and Contents</b> HD-10 at work on Vincent Vanderford ranch in Sutter County, a few miles south of the famous Buttes that is a landmark and air guide for most of the mid-Sacramento valley.
Box-folder 7:75 Box-folder 7:76 Box-folder 7:77 Box-folder 7:78 Box-folder 7:79 Box-folder 7:80 Box-folder 7:81 Box-folder 7:82	<b>WD-45 with All-Crop Drill and Front Scoop undated</b> <b>HD-19: Cutaway View of Clutch undated</b> <b>[HD-19?]: Cutaway View undated</b> <b>[Kneeling Man Holding Grain Sack] undated</b> <b>[All-Crop Combine?] circa 1936</b> <b>All-Crop Harvester undated</b> <b>[Man with Pipe and Three Grain Sacks] undated</b> <b>[All-Crop Harvester] undated</b> <b>Scope and Contents</b> Different view of photograph in 7:80
Box-folder 7:83 Box-folder 7:84 Box-folder 7:85 Box-folder 7:86 Box-folder 7:87 Box-folder 7:88	<b>All-Crop on Beans and Blackeyes 1936</b> <b>[All-Crop Harvester?] circa 1936</b> <b>All-Crop 1936</b> <b>Model B Tractor and Model 40 All-Crop Harvester undated</b> <b>Restored 10-18 Tractor 1955</b> <b>Model U Air-Tired Tractor 1933-1934</b> <b>Scope and Contents</b> Plowing near La Crosse, Wisconsin

- Box-folder 7:89      **Model B Cultivating Tractor circa 1918**  
    **Scope and Contents**  
    A photo from the Eason Albums that cover his 60 years of tractor engineering for Hyatt Roller Bearing Corp., General Motors and his own accessory manufacturing. This is an Allis-Chalmers cultivating tractor that appeared about the end of World War I. Mr. Eason had one tractor with his own name on it -- the Eason-Wysong, built in 1905 at Topeka, Kansas.
- Box-folder 7:90-91      **Model G Tractor Moving Weed Mulch in Avocado Orchard 1955**  
    **Scope and Contents**  
    Two views of same job site
- Box-folder 8:1      **HD-10 Tractor Levelling Farmland undated**  
    **Scope and Contents**  
    Leveling farmland in preparation for irrigation. G.M.C. Diesel engine.
- Box-folder 8:2      **Front-Lift Fork for Handling Pea Vines undated**  
    **Scope and Contents**  
    Front-lift fork for handling pea vines in stacking, unloading, and feeding livestock, and idea worked out near Walla Walla by the Allis-Chalmers dealer to help farmers in the local pea canning association.
- Box-folder 8:3-9      **Preparing Fields for Sugar Beets 1932**  
    **Scope and Contents**  
    Woodland or Dixon, California. 7 views.
- Box-folder 8:10-12      **A-C with Side-Mounted (Mower?) undated**  
    **Scope and Contents**  
    3 views
- Box-folder 8:13      **HD-[?] Diesel with Spring-Tooth Drag Harrow undated**  
Box-folder 8:14      **Model G Rear-Engine Tractor? undated**  
Box-folder 8:15-18,      **A-C in Orchard undated**  
27      **Scope and Contents**  
    5 views
- Box-folder 8:19,      **A-C Drawing a Planter undated**  
21-24      **Scope and Contents**  
    5 views
- Box-folder 8:20      **A-C in Orchard Drawing Disc Harrow undated**  
Box-folder 8:25      **A-C Drawing (Harrow?) Up a Hill undated**  
Box-folder 8:28-30      **A-C with (Harvesting Blade?) undated**  
    **Scope and Contents**  
    3 views
- Box-folder 8:31      **A-C with (Grain Hopper?) undated**  
Box-folder 8:26      **Close-Up of Operator and Dog undated**  
    **Scope and Contents**  
    See also 4:31

**American-Abell Engine and Thresher Co., Limited**  
**Subjects and Indexing Terms**  
Toronto (Ont.)

- Box-folder 8:36            **26 HP "Cock o' the North" at Saskatoon circa 1904**  
                                 **Scope and Contents**  
                                 "Ploughing by steam"
- Box-folder 8:37,  
40                            **32 HP [Cross Compound?] American-Abell [Engine] and Avery Thresher 1915**  
                                 **Scope and Contents**  
                                 Threshing 88,000 bu[shels] #1 wheat on Bea farm at Young, Sask. 3 Big 4 tractors and  
                                 number of teams tanking wheat.
- Box-folder 8:38-39        **28-80 HP Steamer 1953**  
                                 **Scope and Contents**  
                                 2 views. Western Development Museum.
- American Road Equipment Co.**  
                                 **Subjects and Indexing Terms**  
                                 Omaha (Neb.)
- Box-folder 8:41            **American 4-Way [Loader] on Mounting Stands 1954**  
                                 **Scope and Contents**  
                                 The American 4-Way on mounting stands reflecting the ease with which the unit can be  
                                 installed or removed from the tractor.
- Box-folder 8:42            **American 4-Way with 12' Hay Basket and Push-Off Attachment circa 1954**  
                                 **Scope and Contents**  
                                 The American 4-Way with 12' hay basket and push-off attachment extended reflecting  
                                 mentod of building highest possible stack
- Box-folder 8:43            **American 4-Way with a 12' Hay Basket circa 1954**  
                                 **Scope and Contents**  
                                 The American 4-Way with a 12' hay basket being used in sweeping baled hay. When hay  
                                 basket is equipped with push-off, hay stacks of 27' can be built.
- Box-folder 8:44            **American 4-Way with Forage Fork circa 1954**  
                                 **Scope and Contents**  
                                 The American 4-Way with forage fork complete with grapple hook showing the open  
                                 position. The teeth are heavy duty forage fork type teeth.
- Box-folder 8:45            **American 4-Way with Standard Work Platform circa 1954**  
                                 **Scope and Contents**  
                                 The American 4-Way with standard work platform. Work Safely on jobs as high as 30 feet  
                                 from the ground.
- Box-folder 8:46            **American 4-Way with 78" x 20" x 1/4" Plate Bulldozer Blade circa 1954**  
                                 **Scope and Contents**  
                                 The American 4-Way with 78" x 20" x 1/4" plate bulldozer blade equipped with  
                                 pernament set of brackets for both straight and right hand throw.
- Box-folder 8:47            **American 4-Way with Grapple Hook circa 1954**  
                                 **Scope and Contents**  
                                 The American 4-Way with grapple hook illustrating one of many multiple uses for the unit.  
                                 Here the farmer is relocating a two sow brooder house by utilizing his forage fork as a  
                                 lifting device.

**American Tractor Corporation**

**Subjects and Indexing Terms**

Churubusco (Ind.)

Box-folder 8:48-59,  
61-62

**TerraTrac Bulldozing on Real Estate Development East of San Diego 19 June 1957**

**Scope and Contents**

Deakins- Lane Diesel Co. Case & GM Dealer. (13 views)

Box-folder 8:60  
Box-folder 8:63

**TerraTrac GT 25 undated**

**"USTRAC" 1948**

**Scope and Contents**

Later sold to J.I. Case Co. with USTRAC "management" with it. Came out of World War II as the Air Borne, developed by Ted Flynn of U.S. Forest Service, taken by War Department and handed to Clark in Michigan to build for Army, Air Force, and Navy to numbers of over 10,000. French farmers got many and liked them at end of war. P.S.: that Flynn designed and developed U.S. Forestry tractor is today J.I. Case Co. crawler tractor. -FHH

Box-folder 8:64

**TerraTrac Tractor 19 June 1957**

**Scope and Contents**

Case's crawler demonstrates on development east of San Diego, Calif. (Same job as photographs in 8:48-59, 61-62)

**Ames Iron Works**

**Subjects and Indexing Terms**

Oswego (N.Y.)

Box-folder 8:68

**Ames "Lively" 1963**

**Scope and Contents**

Engine probably dates to 1870s or 1880s

Box-folder 8:69-70

**Leonard Ames [1876]**

**Scope and Contents**

Leonard Ames was out from Oswego, N.Y. to attend Col. Shaw's Steam Straw-Burning Thresher Show at Stockton in 1876. (See Pacific Rural Press)

**American Tractor Equipment Corporation**

**Subjects and Indexing Terms**

Oakland (Calif.)

Box-folder 8:65

**Hydraulic Control on ATECO Scraper 1948**

**Scope and Contents**

At I.H. Dealers, Woodland

Box-folder 8:66



**Close up of (Scraper?) circa 1948**

Box-folder 8:67

**Man Standing with (Scraper?) circa 1948**

**Anderson Company**

**Anderson Tractor: Fig. 25, Part 1 1915**

**Andrews Tractor Company**

**Subjects and Indexing Terms**

Minneapolis (Minn.)

**Andrews Tractor Co., Fig. 24, Part 1 1914**

**Large Group of Men with an Andrews Tractor circa 1915**

**Scope and Contents**

The Minneapolis-St. Paul area turned out many different makes of tractors in the formative era from around 1900 to end of World War I. Here is the Andrews making an invitational debut near its home base.

**Ariens Company**

**Subjects and Indexing Terms**

Brillion (Wis.)

**Ariens AKRA-SPRA 1950**

**Austin Armer**

**Photograph of Austin Armer**

**Scope and Contents**

Sugar beet harvester; UC Davis and Spreckels Sugar Company

**Armstrong Siddeley Motors Ltd.**

**Subjects and Indexing Terms**

Coventry (England)

**Armstrong Siddeley "Sapphire" 4-Door 4-Light Saloon circa 1950**

**Scope and Contents**

Automobile

**14/22 HP Twin Cylinder Air Cooled Diesel Engine 1954**

**3 1/2 / 6 1/2 HP Single Cylinder Air Cooled Diesel Engine 1954**

**6/11 HP Single Cylinder Air Cooled Diesel Engine 1954**

Box-folder 8:80

**Armstrong Siddeley Twin Cylinder Air Cooled Diesel Engine Driving an Atlas Diesel Generator Set 1950**

Box-folder 8:81

**Armstrong Siddeley Single Cylinder Air Cooled Diesel Engine Driving a Massey-Harris Pick-Up Baler 1954**

Box-folder 8:82

**Armstrong Siddeley Single Cylinder Air Cooled Diesel Engine Driving a Lorant Pick-Up Baler 1951**

**Asplundh Company**

**Subjects and Indexing Terms**

Jenkintown (Pa.)

Box-folder 8:83

**Asplundh Chipper undated****Scope and Contents**

Asplundh Chipper Co., Jenkintown, Pa., is beginning to go places with this "Chipper" that handles the pruning brush as fast as a crew of four men in trees saw it off. With a truck with covered body to catch the chips as blown from the chipper, the job is speeded up and no litter left in streets when used for street work as here. Walnut Creek, right within sight of the best walnut orchards in California.

**Associated Manufacturers Company****Subjects and Indexing Terms**

Waterloo (Iowa)

**Associated 4 HP "Mule Team" Engine [1911]****Scope and Contents**

Serial No. 401615, Patent No. 980658

**Athey Products Corporation****Subjects and Indexing Terms**

Chicago (Ill.)

Box-folder 8:85

**Lima Dragline Loading Into Athey Wagon Pulled by Cat Diesel 1947**

Box-folder 8:86

**Athey Tractor Co. Type "A" Tractor 1916****Scope and Contents**

Type "A" side view. Patented 12-19-1916.

Box-folder 8:87

**Athey Tractor Co. Type "E" Side View circa 1920****Scope and Contents**

Truss Wheel. "It Bridges the Soft Spots." Exhaust may be piped downward if desired.

Box-folder 8:88

**Athey Tractor Co. Type "E" Front View circa 1920****Scope and Contents**

Truss Wheel. "It Bridges the Soft Spots." Inner edge of tracks and steering wheels are in line. Front axle is of the inverted Lomoine type, noted for its easy steering.

Box-folder 8:89

**Athey PW20 Bottom Dump Wagon 1958****Scope and Contents**

Hauling efficiency will be part of the Caterpillar Tractor Co. exhibit at teh 1958 AMC Mining Show. A Cat DW20 wheel tractor and Athey PW20 bottom dump wagon, capable of hauling a 40-ton payload at speeds up to 35 mph will be displayed.

Box-folder 8:90

**Athey Tractor Co. Type "E" Side View Showing Arrangement of Engine circa 1920****Scope and Contents**

Athey Tractor, Type "E" 18-25. Showing arrangement of engine, transmission, tank, etc.

**Atlas Engine Works****Subjects and Indexing Terms**

Indianapolis (Ind.)

Box-folder 8:91

**Atlas Engine 1881****Atlas Engineering Company****Subjects and Indexing Terms**

Clintonville (Wis.)

Box-folder 8:92

**Atlas Tractor Pulling LaCrosse Plow circa 1920**

Box-folder 8:93      **Atlas Diesel Engine in Cat 60 Chassis 1929**  
                                 **Scope and Contents**  
                                 Kelly's farming near Stockton. From Chas. Anderson file, Lorimer factory, 1-29-48.

Box-folder 8:94      **[Atlas Diesel Engine in Cat 60 Chassis] 1929**  
                                 **Scope and Contents**  
                                 Kelly's 1929 Atlas Diesel at work on Kelly's peat lands

Box-folder 8:95-96      **[Atlas Diesel 80 HP Cats?] circa 1929**  
                                 **Scope and Contents**  
                                 From Chas. Anderson, Lorimer office. Cats - gas and diesel teamed on Kaiser job about 1929 when he went to Wis. [?] to work Atlas Diesel (80 HP) Cats. (2 views)

**Atlas Scraper and Engineering Company**

**Subjects and Indexing Terms**

Sacramento (Calif.)

Box-folder 8:97      **J. [Oglis?] 1954**  
                                 **Physical Description:** 2 photographic prints  
                                 **Scope and Contents**  
                                 Man sitting on porch house; man and two children sitting on porchsteps of house

Box-folder 8:98      **Man with Child and Model Tractor [1954]**  
                                 **Scope and Contents**  
                                 J. [Oglis?]

**Austin Manufacturing Co.**

**Subjects and Indexing Terms**

Chicago (Ill.)

Box-folder 9:38      **Austin "Rip Snorter" Grader circa 1915**

**Atwood Vacuum Machine Company**

**Subjects and Indexing Terms**

Rockford (Ill.)

Box-folder 8:99

**Terra-Tire Tractor 1958**

**Scope and Contents**

Atwood Vacuum Machine Co. "Terra-Tire Tractor". Optional engine: Continental ZD-129 4-cyl. 30h.p. diesel or Y-112 gas of 32 h.p. Tires Goodyear 23 x 24 Terra-Tires, front smooth; rear Sipes grooved. Net weight 2800 pounds; ground pressure approx. 7 pounds per sq. inch. Max speed 20 mph. Differential Spicer Model 44 with Thornton Power-Lok.

**Auto Tractor Co.**

**Subjects and Indexing Terms**

Michigan

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Box-folder 9:41	<b>Plowing Demonstration circa 1920</b>
Box-folder 9:45	<b>Franco Auto-Tractor at a California Demonstration undated</b>
	<b>Scope and Contents</b>
	Envelope only
	<b>Automotive Corporation</b>
	<b>Subjects and Indexing Terms</b>
	Fort Wayne (Ind.)
Box-folder 9:42	<b>Plowing Liberty Gardens, Fort Wayne, Indiana circa 1915</b>
Box-folder 9:43	<b>Plowing in Toledo, Ohio circa 1915</b>
Box-folder 9:44	<b>Going to Work in Erie, Pennsylvania circa 1915</b>
	<b>Aultman-Taylor Machinery Co.</b>
	<b>Subjects and Indexing Terms</b>
	Mansfield (Ohio)
Box-folder 8:100	<b>A-T Model at UC Davis, Agricultural Engineering Lobby circa 1954</b>
	<b>Physical Description:</b> Two b&w prints
	<b>Scope and Contents</b>
	Built by old A-T employee and bought for \$50 from his widow. Bainer.
Box-folder 8:101	<b>[A-T Separator?] undated</b>
Box-folder 8:102	<b>A-T Separator and Fordson Tractor on the Belt in the Small Farm Area of the Midwest circa 1915</b>
	<b>Scope and Contents</b>
	The gas tractor takes over threshing: Fordsons demonstrate their ability to do the whole threshing job on belt and drawbar. Aultman-Taylor separator. Corn belt farm. (Photo from Eason's album of his Hyatt Roller Bearing years.)
Box-folder 8:103	<b>10 HP Eureka Sunflower Wooden Wheel Aultman-Taylor Traction Steam Engine 20 December 1963</b>
	<b>Scope and Contents</b>
	"Montgomery, Minnesota. 10 HP Eureka Sunflower Wooden Wheel Aultman-Taylor Traction Steam Engine built about 1878, owned by Steam Engine Joe. Bought it at Harris, Minn. with 5" elm tree grown around the cylinder. Had to cut about 8 trees so we could load it. New Bull Gear & Pinion buried in the ground under a wood pile to escape scrap drive in World War Two. I put them both on and they fitted perfect. Restored the wood part of wheel, made of white oak, at a cost of \$800 not counting my labor. Engine last used around World War I on saw mill. Gave one just like it to Edison Museum at Dearborn, 1934. When I was sick God gave me good health and in 1951 [a] duplicate Eureka Engine, only one left in the world. Merry Xmas, Steam Engine Joe."
Box-folder 8:104	<b>16 HP Phoenix: Built by C. Aultman Co. of Canton, Ohio 1962</b>
	<b>Scope and Contents</b>
	"Balanced side valve: Stephison Link Motion: 2 speed. Water front return flue straw and wood burner built about 1892. Proud owner Steam Engine Joe. My Daddy [let] me pull the first throttle on one just like this one when I was 8 years old. We got rained out Sunday. Sat. was nice: people from 7 states. Sun. it started to rain 10:00 to 5:00, people beg us to thresh at least one stack of wheat. So we set up in the rain and mud and finished all three in the rain by dark. Every [body] wet to the skin and feet [too].Crew: 4 women pitching bundles; 2 cutting bands; 3 on the straw pile [?]. Anchor Nelson fed the separator [?] No. 8920, built 1885. Horses on tank wagon. Steam Engine Joe."

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Box-folder 8:105	<p><b>20 HP A-T and Thresher 1950</b></p> <p><b>Scope and Contents</b></p> <p>"My 20 HP A-T and 32 x 54 Keck-Gonnerman Thresher." From Charley Harrison.</p>
Box-folder 8:106	<p><b>[A-T?] Wagon 1940</b></p> <p><b>Scope and Contents</b></p> <p>Photo from old collection of Mr. Mohr, Pleasanton, as found by his daughter and presented 7-2-40. Probably wagon caught in thresher fire. FHH</p>
Box-folder 8:107	<p><b>A-T 20-69 Built 1917 1917</b></p> <p><b>Scope and Contents</b></p> <p>Serial number: 9264. Owner: Garold Blakely.</p>
Box-folder 8:108	<p><b>16 HP A-T Engine 1925</b></p> <p><b>Scope and Contents</b></p> <p>"My 16 HP A-T engine in 1925. Harold my son in Pleasanton is sittling on the drive wheel." C.R. Miller, Yacolt, Wash.</p>
Box-folder 8:109	<p><b>25-75 HP A-T Steam Tractor 1953</b></p> <p><b>Scope and Contents</b></p> <p>Western Development Museum</p>
Box-folder 8:110	<p><b>Aultman-Taylor [Caught?] at Pontiac, Ill. Threshermans' Convention 1953</b></p> <p><b>Scope and Contents</b></p> <p>From Clyde Eide, Timken Bearing Co.</p>
Box-folder 8:111	<p><b>22 HP Aultman Star 27 December 1950</b></p>
Box-folder 8:112	<p><b>Aultman-Taylor 30-60 undated</b></p> <p><b>Scope and Contents</b></p> <p>Kenneth W. [Kiecker?] Hector, Minn.</p>
Box-folder 8:113	<p><b>Cassius M. Miller Traction Engine 1880</b></p> <p><b>Scope and Contents</b></p> <p>Patent 227,441. Canton Ohio. N.M. 251,2777. Assigned [?] to C. Aultman</p>
Box-folder 8:114	<p><b>Unidentified Round-Wheel A-T Tractor circa 1920</b></p>
Box-folder 8:115	<p><b>Fleet of 15 A-T Sixty Tractors undated</b></p> <p><b>Scope and Contents</b></p> <p>Tom Campbell's Fleet of 15 A-T Sixty tractors plowing a section -- 640 acres -- each day with furrows 6 miles long. (Courtesy the Firestone Tire and Rubber Company)</p>
Box-folder 8:116	<p><b>H.P. Mohr, "Millionaire Thresherman" circa 1890</b></p> <p><b>Scope and Contents</b></p> <p>H.P. Mohr, "millionaire thresherman," is the gent with his beaver pointing to the camera and his back to his Aultman-Taylor engine (B. B. Brown's judgment of make) threshing on his ranch near Pleasanton, Calif., 1890s. The old boy was a "character," say old timers who knew him. When it came lunch time, he would merely reach in his pocket and pull out a piece of cheese and bread and eat instead of going to a restaurant when he was in town or city on a business trip. He had about every kind of steam engine that appeared on the California front -- English Fowler cable pair, Payne, Best, etc. Henry Ford bought a wire binder from him after he had first given it to the U. of California Agricultural College at Davis.</p>
Box-folder 8:117	<p><b>Aultman-Taylor 30-60 undated</b></p>

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**Aveling & Porter**

**Subjects and Indexing Terms**

Rochester (Kent, England)

Box-folder 9:46

**Arthur Bright and his "New Prize" (1823 Engine) 1950  
Avery Co.**

**Subjects and Indexing Terms**

Peoria (Ill.)

Box-folder 9:1-8,  
13-14, 16, 20-23,  
27-28

**Unidentified Equipment circa 1920**

Box-folder 9:9

**6 Cyl. M.6 Cultivating Corn (Avery 60) circa 1920**

Box-folder 9:10

**Avery 15-30 circa 1920**

Box-folder 9:11-12

**Track Runner circa 1920**

Box-folder 9:15

**Portrait of Seven Men circa 1915**

**Scope and Contents**

"Proffs. No. 23"

Box-folder 9:17-18

**Man in Field circa 1920**

**Scope and Contents**

2 views

Box-folder 9:19

**Clearing Trees circa 1920**

Box-folder 9:20

**Moving a House circa 1920**

Box-folder 9:24

**"Light Weight" Tractors circa 1920**

Box-folder 9:29

**Truck Pulling Plow circa 1920**

**Scope and Contents**

2 views

Box-folder 9:29

**Avery Tractor with Service Wagon Alongside of Agricultural Engineering Shop at Davis circa 1920**

Box-folder 9:30

**President Bartholomew Showing Entry at California Tractor Demonstration circa 1920**

**Scope and Contents**

President Bartholomew of Avery's hand is apparent here in showing his entry at a California tractor demonstration would stand more side tipping than rivals. The first Fordson shown at the Los Angeles area demonstrations kept the factory crew up all night to cast enough concrete to keep it from flipping over backwards to catch the unwary farm hand in the seat. So recalls Ad. Mgr. Hyatt of California Cultivator who took this picture and saw all the tractors shown at these pioneer tractor shows in the Los Angeles area from 1916 to 1921.

Box-folder 9:31

**18-36 HP Avery Gas Tractor circa 1920**

**Scope and Contents**

Photograph from the Western Development Museum, Saskatchewan

Box-folder 9:32

**Lewiston, Idaho. Grade. June 1931**

Box-folder 9:33

**Portrait of Man circa 1920**

Box-folder 9:34

**Men at Demonstration circa 1920**

Box-folder 9:35

**Avery 40 at Rest 1963**

**Scope and Contents**

Photo from Hans Anderson, Racine, Wisc.

Box-folder 9:36

**Bob McCord and [Son?] with Avery Engine circa 1960**

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Box-folder 9:37	<b>Undermounte[d?] Avery at the Busch Annual Steam Threshing Day circa 1960</b> <b>Scope and Contents</b> The undermounte[d?] Avery proudly did the honors at the belt in threshing the two stack of bundles at the Busch annual steam threshing day. EVERYbody wanted to ride it, pull the whistle cord and play engineer.
Box-folder 9:51	<b>Unidentified Engine circa 1915</b> <b>Scope and Contents</b> [Eason album]
Box-folder 9:52	<b>Dwight Illinois Locomotive 1925</b>
Box-folder 9:53	<b>Avery Outfit Plowing Fort Ridgely 20+40 Avery, 5 Bottom Plows circa 1915</b>
Box-folder 9:54	<b>Cemetery in Galesburg, Illinois. Headstones of Minnie Bartholomew &amp; Cyrus M. Avery undated</b>
Box-folder 9:55-57	<b>Avery Corn Planter Works 1952</b> <b>Scope and Contents</b> Three views of building
Box-folder 9:58	<b>Avery 5-10 H.P. undated</b>
Box-folder 9:59	<b>Postcard of 1902 Avery 16 H.P. Steamer undated</b>
Box-folder 9:60	<b>Avery with 8-Bottom Plow circa 1915</b> <b>John Aylward</b> <b>Subjects and Indexing Terms</b> Livermore (Calif.)
Box-folder 8:32-33	<b>Aylward Hay Press 1880-1888</b> <b>Physical Description:</b> 2 photographic prints. One sepia print on board, one b&w copy print. <b>Scope and Contents</b> The Aylward Press with the left hand door open. The wheels to [?] Sweep in a position to move on the road. Built in '80-'88 at Livermore. Probably 20-25 built. 2nd in State Fair Trial.
Box-folder 8:34	<b>Aylward Hay Press at Work circa 1880-1888</b> <b>Scope and Contents</b> Livermore, California
Box-folder 8:35	<b>The Aylward Traction Engine and Steam Hay Press 4 July 1892</b> <b>Scope and Contents</b> Pulling the hay press on the streets of Livermore July 4th 1892
	<b>B.F. Avery &amp; Sons Co.</b> <b>Subjects and Indexing Terms</b> Louisville (Ky.)
Box-folder 9:47	<b>The Louisville-Avery Motor Plow 1915</b>
Box-folder 9:48	<b>Dad Robertson and Son Bob Plowing with Avery 18-36 1916</b>
Box-folder 9:49	<b>B.F. Avery Co., Louisville President of Farm Equipment [Institute?] at Davis at Joint Farm Machinery Conference February 1948</b> <b>Scope and Contents</b> General Sales Manager

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Box-folder 9:50

**Vern and Bob Robertson Plowing with Avery 18-36 1916**

**Scope and Contents**

Traded in for their 1912 12-25, their first tractor. This is a 4-cyl. opposed engine with thermo syphon cooling. Near Great Bend, Kansas.

**Badley Tractor Co.**

**Subjects and Indexing Terms**

Portland (Or.)

Box-folder 9:61-62

**Jay E. Badley's Angleworm, Demonstration at Yakima, Washington to John Deere Dealer 1936**

**Scope and Contents**

New track-type tractor appears: here is the Angleworm, 1936, announced by the Badley Tractor Co., Portland, Oregon, to sell for less than \$1,000. At the radiator stands J.E. Badley; next is John Lampert, president of both the Washington State Hardware and Implement Association and the Washington State Good Roads Association. Mr. Lampert was [a] Yakima Allis-Chalmers dealer, former president of the Chamber of Commerce for his city, and a Lions Club regional governor. Tractor is being given its first demonstration in the state and is pulling a 6 1/2 foot orchard disk. (Photo by Orville Logan Snider)

Box-folder 9:63

**Badley's Angleworm 1936**

Box-folder 9:64-72

**Angleworm circa 1936**

**Baker & Hamilton**

**Subjects and Indexing Terms**

San Francisco (Calif.)

Box-folder 9:74

**Enlarged "Bob" Hamilton with Cane and Benecia Agricultural Works Manager circa 1890**

**Scope and Contents**

Posed with the steam traction engine built at Benecia.

Box-folder 9:75

**Grain Hopper? 1946**

**Scope and Contents**

"Taken in 1946 by Clare Kemp in what was the town of Bodie, Mono Co., California in an old shack called a museum."

**Balderson, Inc.**

**Subjects and Indexing Terms**

Wamego (Kan.)

Box-folder 9:76

**Balderson BD9 Dig'r-Dozer and Cat D9G Terracing For Housing Project in Palo Verde, California 1963**

Box-folder 9:77

**Balderson BD7 Dig'r-Dozer and Cat D7E Tractor 1962**

**Baldwin Co.**

**Scope and Contents**

Nickerson, Kansas



Box-folder 2:4

**Seeding Fall Wheat While Harvesting Crop Of Spring Wheat 1913****Scope and Contents**

1913 Pine Bluff, Wyoming. Seeding fall wheat while harvesting crop of spring wheat. Big Four tractor pulling Baldwin "standing grain thresher," an idea Mr. Baldwin was about to bring back in a new combine when he died.

Verso: once over and all over. Seeding a crop of fall wheat while harvesting a crop of spring. All or complete job of producing the wheat accomplished in a single operation. A Baldwin standing grain thresher being pulled by a big 4 tractor near pine bluffs, Wyoming in the Fall of 1913. When using the method of threshing standing grain the straw is not cut. Note it is standing just where it grew. It is this method I plan to resurrect for my combine of tomorrow. It has the old method skinned in every way. Curt Baldwin riding on the S.G. Thresher. The two birds [cowboys] in the rear are not needed they are just going along for the ride.

Pine Bluff, Wyoming

Tractor(2); Thresher(1)

**Baldwin Locomotive Works****Subjects and Indexing Terms**

Eddystone (Pa.)

Box-folder 9:78

**Black Diamond Inspection Locomotive circa 1920****Scope and Contents**

Built in 1899 by the Baldwin Locomotive Works for the Philadelphia & Reading Coal and Iron Co. This is the last inspection locomotive in existence. The interior is of planeled wood, with leather upholstery and all fittings and rails are nickled. Museum of Transport, St. Louis, Mo.

**Banta Welding and Machine Works****Subjects and Indexing Terms**

San Joaquin County (Calif.)

Box-folder 9:79

**Adjustable V-Morrill Side Delivery Rake 1949****Scope and Contents**

Here is Banta Welding & Machine Works' adjustable V-Morrill side delivery rake that has swept through the irrigated alfalfa west the past three seasons with unabated tempo. Prof. Bainer's talk was on new concepts of hay raking.

Box-folder 9:80

**24 ft. Swath Adjustable [Side-Delivery Rake?] 1949**

Box-folder 9:81-88

**Adjustable V-Type Morrill Side Delivery Rake 1949****Scope and Contents**

Adjustable V-type Morrill as built by Banta Machine & Welding Works, Banta, California. It throws a windrow both ways and can also be used to turn the windrows in case they get rained on.

7 views

**The Banting Mfg. Co.****Subjects and Indexing Terms**

Toledo (Ohio)

Box-folder 9:89

**Banting "Greyhound Line" Tractor [22-42?] circa 1928**

Box-folder 9:90

**Banting 1919 Greyhound Engine 1919****Batavia Portable Engine Works****Subjects and Indexing Terms**

Batavia (N.Y.)

- box-folder 9:91            **Batavia "Monitor" 1879**  
**Bear Tractors Inc.**  
                                 **Subjects and Indexing Terms**  
                                 New York (N.Y.)
- Box-folder 9:94            **"Did You Ever See so Many Excellent Features on a Tractor?" Advertising Drawing**  
**circa 1920**  
                                 **Scope and Contents**  
                                 From Gray's U.S.D.A. Part I "Development of the Agr[icultural] Tractor in the U.S."
- Box-folder 9                **Eastern Bear from Winslow's undated**  
**Beck-Dallas-Griffin**
- Box-folder 9:96            **BDG Side-Delivery Rake 1941**  
**F.C. Austin Drainage Excavator, Co.**  
                                 **Subjects and Indexing Terms**  
                                 Muskegon (Mich.)
- Box-folder 9:40            **Model 00 Trencher 1915**  
                                 **Scope and Contents**  
                                 Model 00 trencher, 1915. Engine optional between 20 h.p. and 25 h.p. gas. Trench width  
15" to 29"; depth 10 ft. maximum. Weight 30,000 pound; length 36 feet.
- F.C. Austin Co.**  
                                 **Subjects and Indexing Terms**  
                                 Chicago (Ill.)
- Box-folder 9:39            **Austin 20-40 on the Road circa 1920**  
**Ferguson Company**
- Box-folder 7:73            **Ferguson-Allis-Chalmers Dealer from Concord Takes a Ferguson with New Shaker**  
**Attachment out to a Walnut Grove undated**  
                                 **Scope and Contents**  
                                 Ferguson-Allis-Chalmers dealer from Concord takes a Ferguson with new shaker  
attachment out to a walnut grove to demonstrate he has equipment ready to meet the  
record walnut crop growers' demands. This calls for an extra man to climb into the lower  
branches and attach and detach the collar at the end of cable for each limb shaken. In  
same grove was another Ferguson with the one-man Brinderson boom hook but the boom  
was being repaired after breaking as this tractor went into action that day. Photo by F.  
Hal Higgins.
- Hornsby-Akroyd And Sons**
- Box-folder 1:41            **Hornsby-Akroyd #3121 Engine January 1962**  
                                 **Scope and Contents**  
                                 Hornsby-Akroyd #3121, 35 HP, 16 x 20, 200 RPM engine Received February 1962 With  
Correspondence From John P. Wilcox; Verso Engine Runs Well But Has Not Been Restored  
From John P. Wilcox; Joe Davidson  
                                 Engine, Oil

Box-folder 1:44

**David Roberts, Hornsby's Manager undated**

**Scope and Contents**

David Roberts, Hornsby's manager, mounted a Hornsby-Akroyd engine on wheels for the first "diesel tractor". A demonstration of this tractor for the British military led to its use in both WWI and WWII. Roberts later sold the crawler patents (in which the engine was installed) to Holt.

**John Bean Division, Food Machinery & Chemical Corp.**

**Subjects and Indexing Terms**

San Jose (Calif.)

Box-folder 9:98

**"Caterpillar" Orchard Model 22 Pulling Bean Royal Armored PTO Sprayer With Dual Pneumatic Tires 1935**

**Scope and Contents**

Working in the orchard of ED Nicodemus at Arendtsville Pa. Note ability of the tractor to get close to the trees without danger of marring them.

Box-folder 9:99,  
104

**Bean Self-Propelled High Clearance Row Crop Sprayer circa 1950**

Box-folder 9:100

**Farm Sprayer circa 1950**

**Scope and Contents**

A weed-free lawn can be had by the use of any of several good lawn weed killers applied with this versatile Farm Sprayer.

Box-folder 9:101

**Sprayer Working in Orchard (Low Boy Spray Mast) circa 1950**

**Scope and Contents**

One man, the tractor driver, and the labor-saving Low Boy spray mast do the work of a spray crew of three men. This automatic spray mast gives complete coverage of mature apple trees.

Box-folder 9:102

**Portable Farm Sprayer circa 1950**

**Scope and Contents**

The weeds along fence rows are quickly eliminated with the portable Farm Sprayer which can be hauled to all parts of the farm.

Box-folder 9:103

**Low Boy Spray Mast circa 1950**

**Scope and Contents**

Insects on the undersides of leaves as well as those on top are no longer safe from this Low Boy spray mast which directs the spray up under the leaves. The Low Boy spray mast is ideal for closely set trees or trees with overhanging branches.

Box-folder 9:105

**Overhead Irrigation in Orchard circa 1950**

Box-folder 9:106

**Bean Sprayer in Pear Orchards 1936**

Box-folder 9:109

**John Bean and His First Sprayer circa 1884**

**Scope and Contents**

(Photo taken down from the Food Machinery Co. office wall by Mr. Crum[?] grandson of John Bean and at this time president of the company about 1940.)

Box-folder 9:110

**Record of Dynamometer Test 1916  
John Bean Mfg. Co.**

**Subjects and Indexing Terms**

Lansing (Mich.)

Box-folder 9:107

**Bean "Track Pull" 6 H.P. Tractor on Left 1918-1921**

**Scope and Contents**

Contrast: Bean's way of showing hay-burner power vs. gasoline power.

Box-folder 9:97

**What a Baby! [Here's] the Track That Bean Built in WWI circa 1918**

**Scope and Contents**

It was a one-track 6 h.p. job aimed at the small fruit grower's power needs. Some 1,000 of them were built and sold up and down the Coast and exported to Japan, the men of Nippon taking 400 in one order. This Bean was advertised in the local farm papers and appeared at tractor trials on several occasions in 1917-18. With the end of [?] and farmer buying they suddenly disappeared as factory manager struggled to get back to normal and remain solvent.

Engineered by Al Johnson about 1914 for Bean

Box-folder 9:108

**Bean Track-Pull Tractor in California Demonstration About WWI circa 1920  
Oswald Manufacturing Co.**

**Subjects and Indexing Terms**

Denver (Colo.)

Box-folder 1:54-56

**Universal Harvester April 1930**

**Scope and Contents**

Universal Harvester manufactured by Oswald Mfg Co.

For Further Information See Correspondence Of H.H. Linquist, n.d.

Johnson, Kansas

Harvester

**Ohio Motor Co.**

**Subjects and Indexing Terms**

Upper Sandusky (Ohio)

Box-folder 1:42

**Ohio Motor Co., #5 Engine January 1962**

**Scope and Contents**

Ohio Motor Co., Sandusky, Ohio, #5, 6 HP, 4 cycle, gasoline engine. A governor holds exhaust open, mixer in vertical casing behind intake box which contains a horizontal sheet metal disk. Incoming air impinges against the lower side, lifts disk and thus opens a valve that allows fuel to run onto top of disk. Air strips fuel from edges. Built in 1897. Shown as found with mouse nest in cylinder.

Received February 1962 With Correspondence From John P. Wilcox

From John P. Wilcox; Joe Davidson

Engine, Oil

**R. Baxter Company**

Box-folder 9:92-93

**Advertising Image of Robert Baxter with Traveling Thresher, Gang Plow, Traveling Steam Engine, and Header circa 1950**

**Scope and Contents**

Photostat from 1869 "California Farmer"

**Ruston Hornsby, Ltd.**

**Subjects and Indexing Terms**

Lincoln (England)

Box-folder 1:40

**1912 Model Hornsby-Akroyd, Built 1922 December 1961**

**Scope and Contents**

Ruston & Hornsby, Ltd., Lincoln, England. Engine #111844, 10 1/2 HP, 7 x 16, 290 RPM, 1912 model, built in 1922.

There Is A Discrepancy Between Co. Name And Product In This Item. The Distinction Between Ruston & Hornsby, Ltd., And Hornsby-Akroyd And Sons Is Unclear; Received February 1962 With Correspondence From John P. Wilcox

From John P. Wilcox; Joe Davidson

Engine, Oil

Box-folder 1:43

**Ruston Hornsby, Ltd. Engine January 1962**

**Scope and Contents**

Ruston & Hornsby, Ltd. engine

Received February 1962 With Correspondence From John P. Wilcox

Engine, Oil

**S.L. Allen Co., Inc.**

**Subjects and Indexing Terms**

Philadelphia (Pa.)

Box-folder 1:50

**5-10 "Planet Jr." 1920**

**Scope and Contents**

5-10 "Planet Jr." with beet cultivator. S.L. Allen & Co., Inc., Philadelphia, Pennsylvania, 2/10/20, #1424 (1920)

Tractor, Garden

Box-folder 1:51

**"Planet Jr." Tractor With 2-Row Cultivator 1920**

**Scope and Contents**

Verso: C.M. Eason, 1141 Conway Bldg., Chicago, Illinois

Tractor, Garden

**St. Mary's Machine Co.**

**Subjects and Indexing Terms**

Saint Marys (Ohio)

Box-folder 1:38

**St. Mary's HO Engine April 1960**

**Scope and Contents**

St. Mary's Machine Co., St. Marys, Ohio. About 1915 company moved to St. Charles, Missouri and became St. Mary's Oil Engine Company. A 4 HP, 4 3/4 x 6, 4 cycle, oil, fluid injection, governor on far flywheel, type HO engine

Photo Received February 1962 with correspondence from John P. Wilcox

Engine, Oil

From John P. Wilcox; Joe Davidson

**Smathers Manufacturing Company**

Box-folder 1:4

**Motor Cultivator 1948**

**Physical Description:** 1 photograph : b&w ; 9 x 13 cm

**Scope and Contents**

The Model AC-5D, which is shown with its standard dual rear tires, is a 5 HP machine that has two forward and one reverse gears. This machine develops a surprising amount of power. In fact, it is comparable with the small farm tractors. When complete with the cultivator, as shown, it is priced at \$495.00.

Photo Has Been Cropped; Caption Taken From Correspondence From Paul P. Smathers To F. H. H. Dated 10-5-48

Cultivator, Rotary

**Sumner Ironworks**

Box-folder 1:35,  
1:37

**Albers Milling Co., Foragizer Division: The Sumner "Foragizer", A Portable Wafer/Pallet Machine Built At Everett, Washington**

**Scope and Contents**

The Sumner "Foragizer", a portable wafer/pallet machine built at Everett, Washington, for several years and sold/serviced through Albers Milling Co. According to Professor Dobie, probably 75 of these machines are in use at alfalfa mills in California. It is GM diesel powered and now sold in both the U.S. and Canada.

For Further Information See Albers Milling Co. File

Pelletizer; Forage Equipment

**Subjects and Indexing Terms**

Everett (Wash.)

**W.P. Callahan Co.**

**Subjects and Indexing Terms**

Dayton (Ohio)

Box-folder 1:39

**A 4 Cycle Natural Gas Engine January 1962**

**Scope and Contents**

W.P. Callahan Co., Dayton, Ohio. A 5 x 9, 4 cycle, natural gas engine sold by the Fairbanks Co., New York, under their label #1939. Engine features auxiliary exhaust port, counterbalanced crank, governor, valves stemming out and down toward lay shaft. Photo shows John Wilcox twiddling knobs. Basic patent 1897, built until 1912.

Photo Received February 1962 With Correspondence From John P. Wilcox

From John P. Wilcox; Joe Davidson

Engine, Oil

**L.P. Zabroski**

**Subjects and Indexing Terms**

Puyallup (Wash.)

Box-folder 1:48

**Zabroski Berry Picker 1951**

**Scope and Contents**

Photograph Is Cropped

**Unknown Manufacturer**

Box-folder 1:31

**Side View Of Unknown Object (Tractor) 1964**

**Physical Description:** 1 photograph : b&w ; 8 x 12 cm

**Scope and Contents**

Side View of unknown object (tractor), front wheel drive using Bull tractor wheel and pinion, 1912 Reo motor. [Front wheels made by Electric Wheel Corp., LaCrosse, Wisconsin; rear wheels made by John Deere (binder or corn binder bull wheels).] Details show leveling device. Well made, braced in every way and riveted throughout.

See Photograph Numbers 33-35 For Further Information; Object Purchased By Allan Herman, Summer Of 1964, In Kennewick, Washington

Tractor, Custom

**Subjects and Indexing Terms**

Eugene (Or.)

Box-folder 1:32

**View Of The Steering Device And Leveling Device From Operator's Seat cap Steering device (geared U-Bar) and leveling device from operator's seat 1964**

**Physical Description:** 1 photograph : b&w ; 8 x 12 cm

**Scope and Contents**

See Photograph Numbers 32-35 For Further Information; Object Purchased By Allan Herman, Summer Of 1964, In Kennewick, Washington.

Tractor, Custom

**Subjects and Indexing Terms**

Eugene (Or.)

Box-folder 1:33

**Front View Of Custom Tractor 1964**

**Physical Description:** 1 photograph : b&w ; 8 x 12 cm

**Scope and Contents**

Front view of custom tractor device with 1912 Reo motor. Motor is missing low tension magneto. Front wheel drive device used bull tractor wheel and pinions. Details show a leveling device. Well made, it is braced in every way and hand riveted throughout.

See Photograph Numbers 32-35 For Further Information.

Tractor, Custom

**Subjects and Indexing Terms**

Eugene (Or.)

Box-folder 1:34

**Detail Of Threaded Screw Which Activated The Leveling Device Of The Unknown Object 1964**

**Physical Description:** 1 photograph : b&w ; 8 x 12 cm

**Scope and Contents**

Detail of threaded screw which activated the leveling device. It is not known whether the object was for tilting purposes, sidehill leveling or both. Object has a 1912 Reo motor which is missing low tension magneto. Front wheel drive device used bull tractor wheel and pinion. Hand riveted throughout.

See Photograph Numbers 32-34 For Further Information

Tractor, Custom

**Subjects and Indexing Terms**

Eugene (Or.)