
Collection number: M0851

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Descriptive Summary

Title: History of the Integrated Circuit: interviews on 30 cassette tapes,
Date (inclusive): 1986
Collection number: Special Collections M0851
Creator: Rostky, George
Extent: 1 linear ft. (30 tapes)
Repository: Stanford University. Libraries. Dept. of Special Collections and University Archives.
Language: English.
Access Restrictions
None.
Publication Rights
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Provenance
Gift of George Rostky, 1996
Preferred Citation:

Biography
Rostky’s article, "The 30th Anniversary of the Integrated Circuit," appeared in the September 1988 issue of ELECTRONIC ENGINEERING TIMES. The article was a bit longer than 37,000 words. It was based on interviews with 100 pioneers of the integrated circuit (IC) revolution, and traced the evolution of the integrated circuit from technological, corporate business and personal perspectives. Most of the early pioneers were known to the author, who conducted almost every interview.

Scope and Content
The most important individuals featured in the article were Jack Kilby and Bob Noyce. The Supreme Court judged them to be co-inventors of the integrated circuit. Kilby was at Texas Instruments, Noyce was at Fairchild, a company he had
cofounded. He was later a cofounder with Gordon Moore of Intel.

**Access terms**

- Adcock, Willis
- Blanck, Julius
- Dennard, Bob
- Gylock, Jack
- Grinich, Victor
- Grove, Andy
- Hoerni, Jean
- Hoff, Ted
- Hogan, C. Lester
- Kilby, Jack
- Kleiner, Eugene
- Last, Jay
- Longo, Tom
- Moore, Gordon
- Noyce, Bob
- Prazak, Paul
- Roberts, Sheldon
- Rock, Art
- Shockley, William
- Van Pop, Joe

**Integrated Circuits-- History**

**Microelectronics industry-- California (Santa Clara County)**

**Science-- History**

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Tape 1  Gylock, Jack
Tape 2  Kalish, Israel; Sevin, L.
Tape 3  Sevin; Longo, Tom; Fullagar; Dennard, Bob.
Tape 4  Fullagar; Maine; Dobkin; Hoerni
Tape 5  Hoerni; Sock...?; Sorchyen
Tape 6  Grehene; Camenzino; Faggin; Peltzer
Tape 7  Peltzer; Hogan; Spence; Hennessy
Tape 8  Patterson; Rock; Liddie; Birkner
Tape 9  Borr-Brown; Prazak, Paul; Van Pop, Joe
Tape 10 Birkauer; Fury; Snellen;
Tape 11 Rogers; Anixten?.
Tape 12 Anixten; Dovac; Schweber.
Tape 13 Spragel?; Blasger?; Laws; Powell; Stata?; Harwood; SHEingold.
Tape 14 Barn; Beedle; Sack; Clogh?.
Tape 15 Clough; Erdi; Cox; Widler; Adcock
Tape 16 Bagley; Bialek; Corrigan
Tape 17 Sanders; Blanck; Ghest; Bucy; Seelbach
Tape 18 Seelbach; Grinich; Farina
Tape 19 Farina; Murthy; Kilby; Anixter
Tape 20 Kilby; Phipps
Tape 21 Bosch; Ferguson
Tape 22 Shepherd; Stein; Sweet; Narud; Sanders
Tape 23 Sanders, Norman; Marley, Redfern
Tape 24 Richman; Daniels; Sopkin; Last
Tape 25 Daniels; Sporck; Noyce; Wanlass
<table>
<thead>
<tr>
<th>Tape</th>
<th>Participants</th>
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</thead>
<tbody>
<tr>
<td>26</td>
<td>Barron; Hoff; Moore</td>
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<tr>
<td>27</td>
<td>Moore; Richman; Kistler; Perlegos; Bute</td>
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<td>28</td>
<td>Sevin; Kleiner; Markkula; Hamchester; Grove</td>
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<td>29</td>
<td>Dooley; Vadasz; Roberts</td>
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<td>Baugh; Mullars; Conway</td>
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