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## Guide to the Robert Noyce Papers M1490

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Describing Archives: A Content Standard

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## Summary Information

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Summary Category	Description
<b>Repository:</b>	Department of Special Collections and University Archives
<b>Creator:</b>	Noyce, Robert N. (Robert Norton)
<b>Title:</b>	Robert Noyce papers
<b>ID:</b>	M1490
<b>ID [ark]:</b>	<a href="#">Archival Resource Key</a>
<b>Date [inclusive]:</b>	ca. 1948-1990
<b>Physical Description:</b>	15 Linear Feet
<b>Physical Location:</b>	Special Collections and University Archives materials are stored offsite and must be paged three business days in advance. For more information on paging collections, see the department's website: <a href="https://library.stanford.edu/libraries/special-collections">https://library.stanford.edu/libraries/special-collections</a> .
<b>Language of the Material:</b>	English .
<b>Abstract:</b>	Collection contains documents, photographs, videotape, and audio tape (reel to reel).

### Preferred Citation

Robert Noyce papers, M1490. Dept. of Special Collections, Stanford University Libraries, Stanford, Calif.

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## Biography / Administrative History

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Robert Noyce was a Silicon Valley pioneer who participated in the invention of the microchip. He was part of the first successful semiconductor corporation, Fairchild Semiconductor, and went on to be one of the founders of Intel. After his death in 1990, the Noyce Foundation was named by his estate.

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## Scope and Content of Collection

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Many personal materials, including family history, and material from childhood and academic career. Also included are documents and materials from Noyce's work at Shockley Semiconductor, Fairchild Semiconductor, Intel, and the Semiconductor Industry Association. Also includes 24 video tapes, 1 reel to reel tape, and numerous newsclippings.

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## Administrative Information

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### Publication Statement

Department of Special Collections and University Archives

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Stanford, California 94305-6064

[specialcollections@stanford.edu](mailto:specialcollections@stanford.edu)

URL: <https://library.stanford.edu/libraries/special-collections>

### Acquisition Information

Gift of the Noyce Foundation, 2005. Accession 2005-244.

### Publication Rights

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### Access

Collection is open for research; materials must be requested at least 24 hours in advance of intended use. Requests for electronic media (audio and video tape, disks, etc.) will require a review before patron use; please refer to <http://www-sul.stanford.edu/depts/spc/emedial/access.html> for complete policy statement.

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## Controlled Access Headings

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- Semiconductors
- Microelectronics industry -- California -- Santa Clara County.
- Science -- History.
- Microelectronics -- History
- Fairchild Camera and Instrument Corporation
- Intel Corporation

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## Collection Inventory

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### Series 1: Personal History

#### Subseries 1.01: Family

Childhood	Box 1 folder 1
Don Noyce	Box 1 folder 2
"From Candles to Computers: A Life of Ralph Brewster Noyce," by Donald S. Noyce	Box 1 folder 3
Gay + Dotey Noyce, Bob + Phyllis White	Box 1 folder 4
Harriet Noyce	Box 1 folder 5
Noyce Chapel Dedication, 1975	Box 1 folder 6
Noyce Family Tree	Box 1 folder 7
"Prairie Preacher Prairie Farmer: A Biography of George Thomas Noyce" by Donald S. Noyce	Box 1 folder 8
Ralph Noyce Memorial	Box 1 folder 9
"Robert Norton Noyce '49 (1927-1990): Innovation and Entrepreneurialism" by Adam Noyce, 2002	Box 1 folder 10
Robert Noyce's Birth Announcement	Box 1 folder 11
"Very Old Ancestors" by Donald S. Noyce	Box 1 folder 12
Manor House Agricultural Centre and MIT RLE Currents	Box 1 folder 13

#### Subseries 1.02: Education

College Letters	Box 2 folder 1
Doctoral Diploma - Doctor of Philosophy in the field of Physics "Photoelectric Investigatin of Surface Staseson Insulators" - Massachusetts Institute of Technology, September 23, 1945	Box 2 folder 2
Grinnell College - Robert Noyce Science Center Dedication	Box 2 folder 3
Grinnell College - Berkeley - T.A. application SF - actuarial application	Box 2 folder 4
Grinnell College - Board Service	Box 2 folder 5
Grinnell College - Class of 1949 Classletters, 1989	Box 2 folder 6
Grinnell College - Commencement	Box 2 folder 7
Grinnell College - Extra Curriculars	Box 2 folder 8
Grinnell College - Friars' Club	Box 2 folder 9
Grinnell College - Grant Gale	Box 2 folder 10
Grinnell College - June 1989 Speech, 1989	Box 2 folder 11
Grinnell College - Letters from Family	Box 2 folder 12
Grinnell College - Letters Home	Box 2 folder 13
Grinnell College - Memorial Service for Robert Noyce, Grinnell College, September 4, 1990	Box 2 folder 14
Grinnell College - mid - 1980's	Box 2 folder 15
Grinnell College - Misc Articles	Box 2 folder 16
Grinnell College - Pig Incident + Aftermath	Box 2 folder 17
Grinnell College - RNN Family Correspondence, 1945--1953, 1965	Box 2 folder 18
Grinnell College - Tuition Receipts Report Cards	Box 2 folder 19
Grinnell College - Undergraduate Diploma B.A. Mathematics, 1949	Box 2 folder 20
High School	Box 3 folder 1
Massachusetts Institute of Technology	Box 3 folder 2
Massachusetts Institute of Technology Archives-Collection Guides	Box 3 folder 3
Massachusetts Institute of Technology - Articles	Box 3 folder 4
Massachusetts Institute of Technology - Dissertation, 1953	Box 3 folder 5
Massachusetts Institute of Technology - Letters and Articles	Box 3 folder 6

Massachusetts Institute of Technology - Letters Home	Box 3 folder 7
Massachusetts Institute of Technology - Physics Department Education File	Box 3 folder 8
Summer at Miami University	Box 3 folder 9
Yearbook: Grinnellian, 1945, 1945	Box 3 folder 10

### **Subseries 1.03: Awards**

American Association of Engineering Societies, 1987	Box 3 folder 11
Congratulations - Draper Award, 1989	Box 3 folder 12
Draper Award, 1989	Box 3 folder 13
Electronics - The First 50 Years, 1980	Box 4 folder 1
Exploratorium, 1983	Box 4 folder 2
Faraday Medal, 1979	Box 4 folder 3
Fullbright, 1951	Box 4 folder 4
IEEE Award, 1978	Box 4 folder 5
Industrial Research Institute, 1981	Box 4 folder 6
Junior Achievement Laureate, 1990	Box 4 folder 7
Misc.	Box 4 folder 8
National Inventors Hall of Fame, 1983	Box 4 folder 9
National Medal of Science (President Carter), 1979	Box 4 folder 10
National Medal of Technology, 1987	Box 4 folder 11
(Prize for I.C. Noyce + Kilby) Franklin Ins/Ballatine, 1966	Box 4 folder 12
WEMA Award, 1974	Box 4 folder 13
Wescon Talk, 1972	Box 4 folder 14

### **Subseries 1.04: Planners**

Address Book (1), 1975	Box 4 folder 15
Address Books (4)	Box 4 folder 16
Executive Planner 1961, 1961	Box 5 folder 1
Executive Planner 1962, 1962	Box 5 folder 2
Executive Planner 1965, 1965	Box 5 folder 3
Executive Planner 1968, 1968	Box 5 folder 4
Executive Planner 1969, 1968	Box 5 folder 5
Executive Planner 1971, 1971	Box 5 folder 6
Executive Planner 1972, 1972	Box 5 folder 7

Executive Planner 1975, 1975	Box 6 folder 1
Executive Planner 1984, 1984	Box 6 folder 2
Executive Planner 1985, 1985	Box 6 folder 3
Executive Planner 1986, 1986	Box 6 folder 4
Executive Planner 1988, 1988	Box 6 folder 5
Executive Planner 1989, 1989	Box 6 folder 6
Pilots Log, 1974	Box 6 folder 7
<b>Subseries 1.05: Notebooks</b>	
Record Book, 1971	Box 6 folder 8
Record Book	Box 6 folder 9
<b>Subseries 1.06: Patents</b>	
Application of Robert N. Noyce for Field Effect Transistor, January 2, 1958	Box 1 folder 1
Application of Robert N. Noyce for Field Effect Transistor, September 20, 1957	Box 1 folder 2
Application of Robert N. Noyce for Semiconductive Device, February 20, 1958	Box 1 folder 3
Application of Robert N. Noyce for Semiconductive Device	Box 1 folder 4
Application of Robert N. Noyce for Transistor Structure and Method, March 20, 1957	Box 1 folder 5
Application of Robert N. Noyce for Transistor Structure and Method, April 11, 1957	Box 1 folder 6
Lippincott & Ralls File - D-885	Box 1 folder 7
Lippincott & Ralls File - D-924, 1959	Box 1 folder 8
Patentes - Fairchild Semiconductor	Box 1 folder 9
Patents Misc	Box 1 folder 10
Unnamed Patents - Noyce	Box 1 folder 11
Damaged Originals Removed from Patent Files (replaced with copies in the original location)	Box 1 folder 12
Shockley, Noyce Application for Transistor Structure and Method, April 11, 1957	Box 2 folder 1
Revolutionary Ideas - Patents & Progress in America	Box 2 folder 2
<b>Subseries 1.07: Biographical and Promotional</b>	
American Heritage of Invention and Technology, Winter 2000	Box 7 folder 1

Bios	Box 7 folder 2
Electronic Design, June 28, 1990	Box 7 folder 3
Fortune, March 13, 1989	Box 7 folder 4
National Journal, May 26, 1990	Box 7 folder 5
Press, 1989	Box 7 folder 6
Press, 1980 - 1981	Box 7 folder 7
Press - National Geographic, Business Week, 1982, 1976	Box 7 folder 8
Robert N. Noyce 1927-1990, obituary	Box 8 folder 2
Probably Won't Use Clippings	Box 8 folder 3

### Subseries 1.08: Noyce Foundation

Madrigal Singers, December 2, 1958	Box 2 folder 3
My Hobby - Handicraft	Box 2 folder 4
2003 Items, 2003	Box 7 folder 9
Foundation Biographical Primary Sources	Box 7 folder 10
Foundation Biographical Primary Sources (property of Ann Bowers)	Box 7 folder 11
Noyce Artifacts	Box 7 folder 12
Noyce's Legacy, 1991 - 2004	Box 7 folder 13
Passports	Box 7 folder 14
Photos and Photocopies	Box 7 folder 15
RNN -Doodles!	Box 7 folder 16
RNN Flying	Box 8 folder 1

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## Series 2: Corporations and Organizations

### Subseries 2.01: Philco

Philco - Articles and Letters	Box 8 folder 4
Philco - Background Research	Box 8 folder 5
Philco - Conferences RNN attended	Box 8 folder 6
Philco - Draft (conscription), 1955	Box 8 folder 7
Philco - Inactive Agreements and Ford	Box 8 folder 8
Philco - Notebook, Device Conference, 1955	Box 8 folder 9
Philco - Philco	Box 8 folder 10

**Subseries 2.02: Schockley**

Early Notebooks	Box 8 folder 11
Shockley RNN	Box 8 folder 12

**Subseries 2.03: Fairchild Semiconductor**

Fairchild Camera and Instrument Corporation Acquisition of Fairchild Semiconductor Corporation - Stock Split, 1975	Box 2 folder 5
1960's Clippings, 1960's	Box 8 folder 13
1980's, 1980's	Box 8 folder 14
Annual Reports / Shareholder Reports	Box 8 folder 15
Fairchild Launch	Box 8 folder 16
Leadwire, vol. 1 (missing nos. 1-4, 7-12) FCI Views vol. 9, no. 7, 1959 , 1962	Box 9 folder 1
Leadwire, vol. 2, 1960	Box 9 folder 2
Leadwire, vol. 3 (missing vol. 8), 1961	Box 9 folder 3
Leadwire, vol. 4, 1962	Box 9 folder 4
Leadwire, vol. 5, 1963	Box 9 folder 5
Leadwire, vol. 6 (missing no. 9), 1964	Box 9 folder 6
Leadwire, vol. 7, 1965	Box 9 folder 7
Leadwire, vol. 8, 1966	Box 9 folder 8
Misc. 1950's and 1960's, 1950-1960	Box 9 folder 9
Misc. Fairchild	Box 9 folder 10
Noyce, R. N. - Fairchild Semiconductor Contract, 1957	Box 10 folder 1
Noyce, R. N. - Stock Options (Optional Agreements and Exercise), 1967	Box 10 folder 2
Old Items Found, 1961-1962	Box 10 folder 3
Personal	Box 10 folder 4
Plant Memoires	Box 10 folder 5
Resignation Letter, 1968	Box 10 folder 6
Securities and Exchange Commission Questionnaires, 1968 - 1967	Box 13 folder 16

**Subseries 2.04: Intel**

25th Anniversary Publication, 1993	Box 2 folder 6
Convertible Debitures, 1968 - 1978	Box 3 folder 1

S-8 Registration Statement Employee Stock Option Plan Stock, November 18, 1971	Box 3 folder 2
1969 Financing, 1969	Box 10 folder 7
Andygrams, 1990	Box 10 folder 8
Articles, 1970 - 1990	Box 10 folder 9
By-Laws and Incorporation Papers, 1968	Box 10 folder 10
Clippings	Box 10 folder 11
Crush, 1978 - 1979	Box 10 folder 12
Esquire Magazine "50 Who Made the Difference", 1983	Box 10 folder 13
Humor	Box 11 folder 1
Intel	Box 11 folder 2
Intel Start, 1968	Box 11 folder 3
Misc. Public Offering	Box 11 folder 4
National Journal, May 26, 1990	Box 11 folder 5
Pillsbury, 1970	Box 11 folder 6
RNN Expense Reoprts, 1983 - 1985	Box 11 folder 7
RNN post - 1975, 1975	Box 11 folder 8
Trip to China and Hong Kong, 1984	Box 11 folder 9
V.P. Bush Tour of Intel, 1988	Box 11 folder 10
35th Anniversary Publication, 2003	Box 13 folder 14
Scrapbook, 1990	Box 13 folder 15

#### **Subseries 2.05: Sematech**

Scrapbook	Box 2 folder 7
Congratulations Letters	Box 11 folder 11
Dedication, November 15, 1988	Box 11 folder 12
Interview, 1996	Box 11 folder 13
Miscellaneous	Box 11 folder 14
Press	Box 11 folder 15
Press Packet	Box 11 folder 16

#### **Subseries 2.06: Noyce Foundation**

Personal Correspondence, 1990	Box 12 folder 3
Personal Correspondence, 1981	Box 12 folder 4
Personal Correspondence, 1977 - 1978	Box 12 folder 5

Personal (RNN), 1980	Box 12 folder 6
Personality	Box 12 folder 7
R. N. Noyce - Personal, 1983	Box 12 folder 8
R. N. - Personal, 1982	Box 12 folder 9
Bob - Outgoing Correspondence, 1986 - 1989	Box 12 folder 17
Kidder Transactions	Box 12 folder 18
Misc. Startups	Box 12 folder 19
Mystery Clippings	Box 12 folder 20
Noyce Articles by Him, after 1970	Box 13 folder 1
Obituaries, 1990	Box 13 folder 2
Political Correspondence	Box 13 folder 3
Press Used by RNN (not about him)	Box 13 folder 4
R. Noyce Chron, 1984	Box 13 folder 5
RNN Current News, December 1990	Box 13 folder 6
RNN - Foreign Press	Box 13 folder 7
RNN Intel Speech, early 1980	Box 13 folder 8
RNN - Inventions	Box 13 folder 9
RNN on Ethernet	Box 13 folder 10
Speech MIT Innovation Symposium, 1976	Box 13 folder 11
The Noyce Foundation 2003	Box 13 folder 12
Unionization	Box 13 folder 13

### **Subseries 2.07: Committees**

Donald Noyce Prize Berkeley, 1987 - 1989	Box 12 folder 12
Memberships	Box 12 folder 13
National Academy of Sciences President's Circle, 1990	Box 12 folder 14
National Science Foundation, 1985 - 1990	Box 12 folder 15
UC Board of Regents, 1982 - 1988	Box 12 folder 16

### **Subseries 2.08: Semiconductor Industry Association**

Diplomacy (SV Ambassador), 1980's	Box 12 folder 1
Government Testimony	Box 12 folder 2
RNN on Japanese Competition	Box 12 folder 10
Semiconductor Industry Association	Box 12 folder 11

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### Series 3: Photos

Oversized	Box 3 folder 3
Ann Bowers	Box 3 folder 4
1	Box 13 folder 17
Intel	Box 13 folder 18
2	Box 14 folder 1
Slides and Negatives	Box 14 folder 2
Childhood, 1926- 1928, 1947 - 1950	Box 14 folder 3
Flies the RF-4C, September 7, 1989	Box 14 folder 4

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### Series 4: Media

#### Subseries 4.01: VHS

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Junior Achievement The Best of Living Legends from Nation's Business Today, December 1, 1998	Box 3
OPP Applied Materials, January 17, 1986	Box 3
National Business Hall of Fame, 1989	Box 14
A. Bowers Announcement, September 28, 1990	Box 14
Noyce Memorial Service, 1990	Box 14
National Business Hall of Fame Modules, 1989	Box 14
Tribute to Robert Noyce from The Osgood Files and Photo Album	Box 15
ABC World News Tonight w/ Peter Jennings Featuring R. N. Noyce Person of the Week, February 23, 1990	Box 16
Bob Noyce Memorial Celebration, June 9, 1990	Box 16
Draper Prize Dinner (2 copies), February 20, 1990	Box 16
A World of Ideas w/ Bill Moyers Inventing the Future w/ Robert Lucky Part 1	Box 16
Intel 25th Anniversary of the Microprocessor, December 31, 1996	Box 16

1990 Review CBS, KTBC-TV, December, 1990	Box 16
HP Junior Achievement National Business Leadership Conference, April 14, 1988	Box 16
Sematech, Inc. Robert N. Noyce Memorial Celebration, June 9, 1990	Box 17
Living Legends: An Interview with Robert Noyce Profiles from the National Business Hall of Fame	Box 17
Junior Achievement, Inc. "1989 NBLC Highlights", 1989	Box 17
Robert Noyce ABC News, February, 1990	Box 17
Malone #211 Interview w/ Robert Noyce, April 13, 1989	Box 17
Junior Achievement, Inc. 1989 National Business Leadership Conference President George Bush Keynote Speech, April 13, 1989	Box 17
RNN - Tomorrow Today - Shuttle Launch	Box 17
Intel Presidential Ceremony Honoring the 1979 Medal of Science Awards White House Ceremony, January 14, 1980	Box 17
Intel Telecom '95 Keynote Address by Dr. Andrew S. Grove Geneva, Switzerland, October 3, 1995	Box 17
KNTV Business Hall of Fame, April 1990	Box 17
The Distinguished Lecturer Series Presents: Robert Noyce, Sematech: America Unique Tech., February 23, 1989	Box 19

#### **Subseries 4.02: Betacam**

Noyce Broadcast Transfers Roll 1	Box 3
Noyce Broadcast Transfers Roll 2	Box 3
Noyce - Sematech PR Roll	Box 15
Noyce - Sematech PR Roll - Bad Audio	Box 15
Tape 1 Inside, June 18, 1990	Box 15
Tape 3 Inside, June 18, 1990	Box 15
Tape 2 Inside, June 18, 1990	Box 15
Noyce Exterior Clarence, June 18, 1990	Box 15
Noyce Remembers Clarence, June 18, 1990	Box 15
Noyce Memorial B-Roll, June 18, 1990	Box 15

Robert Noyce: "The Man Behind the Microchip" Visuals from Intel Museum Exhibit Text excerpts from biography by Leslie Berlin, 2005	Box 15
IEEE Awards Reception, May 22, 1978	Box 17
Intel Remeberance Tape 1, June 18, 1990	Box 18
Intel Remeberance Tape 2, June 18, 1990	Box 18
Intel Remeberance Tape 3, June 18, 1990	Box 18
Noyce - FSP 522 Touchstone Interview	Box 18
Noyce - FSP 522 Graphics X'fer	Box 18
Eclipse FS/Intel IMC Transfer Reel 130, June 14, 1990	Box 18
Eclipse FS/Intel IMC Transfer Reel 120, June 14, 1990	Box 18
Eclipse FS/Intel IMC Transfer Reel 100, June 13, 1990	Box 18
Ch 11 San Jose, February 1990	Box 18
Eclipse FS/Intel IMC Transfer Reel 111, June 13, 1990	Box 18
Noyce - FSP 522 X-Fer Fm 3/4 CM 11	Box 19
Rememberance of a Life Well Lived, June 17, 1990	Box 19
Signature: R. N. Noyce, June 17, 1990	Box 19
Touchstone R. Noyce	Box 19

#### **Subseries 4.04: Audio Reels**

Robert Noyce Memorial, June 18, 1990	Box 20
KCBS Sematech Charles Osgood "Noyce", February 20, 1990	Box 19

#### **Subseries 4.05: DVDs**

Junior Achievement The Best of Living Legends, December 1, 1988	Box 19
Mike Malone Interview w/ Robert Noyce, April 13, 1989	Box 19
Junior Achievement, Inc. '89 National Business President George Bush Keynote Speech, 1989	Box 19
Living Legends Interview w/ Robert Noyce, 1989	Box 19
Person of the Week Robert Noyce ABC News, February 1990	Box 19

ABC World News w/ Peter Jennings Person of the Week R. N. Noyce, February 23, 1990	Box 19
Silicon Valley	Box 19
Robert Noyce Memorial Intel	Box 19
Draper Prize Dinner, February 20, 1990	Box 19
Distinguished Lecturer Series: Robert Noyce, February 23, 1989	Box 19
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