Dr. Morton Grosser
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PROFESSIONAL RÉSUMÉ

BUSINESS: VENTURE CAPITAL; MANAGEMENT & TECHNOLOGY CONSULTING

CURRENT:
President, MG Consulting, Menlo Park, California

Consulting practice includes technology and management assessment and corporate strategy for a broad range of companies. Premier venture capital clients include Foundation Capital, Institutional Venture Partners, Kleiner Perkins Caulfield & Byers, Mayfield Fund, Menlo Ventures, New Enterprise Associates, Prospect Venture Partners, Skyline Ventures, and Versant Ventures. Developed strategy for Fortune 100 companies including AMP Inc., Apple Computer, E. I. Dupont de Nemours & Co., Hewlett-Packard, and Nikon Corporation. Other representative clients include Alza Corporation, Boston Consulting Group, Ernst & Young LLP, KPMG LLP, Lucasfilm Ltd., Pixar Animation Studios, Seagate Technology, Walt Disney Imagineering, and Xerox Corporation.

Served as a Director of L. H. Alton & Company, Chroma Energy, Chroma Group, Inc., Chroma Medical, Inc., I-Flow Corporation, Lazer-Tron Corporation, Microfabrica Corporation, and Redem Corporation. Served on Scientific Advisory Board of Sunshine Medical Instruments, Inc., Therox Corporation, and Percutaneous Systems, Inc. Venture Capital co-investor with Compass Technology Partners, Institutional Venture Partners, Kleiner Perkins Caulfield & Byers, and Life Science Angels. Current Director of Control Point Medical, Inc. and Entrotech Life Sciences.

PRIOR:
Managing Director, L. H. Alton & Company, San Francisco, California
Directed the technology practice of this investment banking partnership.

Director of Publication, Boeing Scientific Research Laboratories, Seattle, Washington
Directed BSRL's large technical publication program, edited an annual scientific review, oversaw publication of scientific and engineering papers, co-authored documentary film scripts. Initiated independent research and was a member of the governing board that administered this 130-person corporate research laboratory.

Director of Design, Clevite Transistor Corporation, Waltham, Massachusetts
Originated concepts and directed engineering staff in the design and production of furnaces for growing single crystal silicon and germanium.

Engineering Designer, Raytheon Corporation, Waltham, Massachusetts
Designed a servo system for the largest skin mill in the world (used to cut structural members of Boeing aircraft) and high-pressure dies for rocket engine components.

Research Associate, Massachusetts Institute of Technology, Cambridge, Massachusetts
Designed biological research amplifiers for Dr. Kurt Lion, and collaborated on the isolation and identification of anterior pituitary hormone with Dr. John Crigler.

PATENTS, RESEARCH AND DEVELOPMENT

Licensed to Boston Scientific Corporation
Co-Designer of a radio frequency (RF) system for discrete ablation of metastatic tumors (U.S. Patents 7,195,629, 7,387,628, 8,043,289, and 8,348,940)

Licensed to Cytyc Corporation
Co-Designer of a non-invasive electronic detection system for ductile breast cancer (U.S. Patent 6,314,315)

Licensed to Lazer-Tron Corporation
Co-Designer of an electromechanical lift system (U.S. Patent 5,733,193)

Licensed to Microfabrica Corporation
Co-Designer of a suite of miniature RF and microwave devices and methods for the fabrication of such devices (U.S. Patents 7,239,219, 7,830,228, and 8,713,788). A new patent is pending in this file.

Norian Corporation
Designer of an orthopaedic bone repair system (Two U.S. patents filed and pending)

Stanford Medical Center and U.S. Veterans Administration
Co-Designer of a Microelectronic Axon Processor, an implantable nerve chip to restore functional paths in damaged peripheral motor nerves (U.S. Patent 4,632,116)

Boeing Scientific Research Laboratories
Co-Designer of a laser interferometer for deep-sea density measurements

***Gossamer Albatross* Team**
Co-designed and built components for three human-powered airplanes, including the *Gossamer Albatross* that won the £100,000 Kremer Cross-Channel Prize. Was a member of the flight expedition, a pilot of the *Gossamer Albatross II*, and wrote the authorized book on the Gossamer airplane projects.

Massachusetts Institute of Technology
Electronic and optical measurement of high-speed cutting tools
Spectral response of polarizing light systems
Biaxial stress analysis in acutely-loaded textile fibers

Stanford University
Identification, reconstruction, and publication of a Chou Dynasty pistol crossbow
Research and publication on perturbation theory and discovery of the outer planets

Independent Research
Design and development of a gravity-powered rollway (US Patent 3,145,501)
Design and development of a reconfigurable world globe (US Patent 3,037,300)
Design and development of a portable blood coagulation device (US Provisional Patent granted 08/2013) A full non-provisional patent is pending in this file.

TEACHING AND LECTURING:

Taught at M.I.T. and Stanford University. Lectured at Dartmouth College, Santa Clara University, U.C.L.A. Medical Center, The University of Texas at Austin, and in Chile at the Escuela de Negocios de Valparaiso, the Universidad de Concepción, and the Universidad del Norte. Lectured at Stanford University in the BioDesign Center, The Design School, the Graduate School of Business, the Medical School, and the departments of Creative Writing, Electrical Engineering, Film and Communication, History, and Mechanical Engineering. Gave a nationally broadcast speech on innovation for the Commonwealth Club of California, the San Francisco Centennial of Flight Lecture, and the keynote address of the Stanford Design Conference. Distinguished Corporate Lecturer for Apple Computer, Boeing Corporation, E. I. Dupont de Nemours & Co., Electronic Arts Corporation, Google, Inc., LSI Logic, and Tektronix. Invited speaker for the American Institute of Aeronautics and Astronautics, the American Society of Mechanical Engineers, Society of Automotive Engineers, TiECon 2005, 2007 National Symposium of the Hertz Foundation, 2008 Electric Airplane Symposium, EAA AirVenture 2008, the 2009 speaker series of the Livermore Valley Performing Arts Center, the 2009 Advanced Research Lecture of the Stanford Surgery Division, the 2010 Mission Ventures National Meeting, EAA AeroInnovate 2012, the 2012 Peninsula Bridge Project and TEDx 2013. Was the commencement speaker for the Pinewood High School 2013 graduation, the speaker for the 2014 annual meeting of the Aero Club of Northern California, and a keynote speaker for the International Surgery Innovation Conference at IRCAD in Strasbourg, France in July 2014. Was a principal panelist and speaker at the Silicon Valley Reinvents the Wheel Conference in October 2015.

EDUCATION:

Massachusetts Institute of Technology
B.S. in General Engineering; Thesis on spectral characterization of polarizing light systems.
M.S. in Mechanical Engineering (Coats & Clark Graduate Fellow); Thesis on biaxial stress analysis in acutely loaded fibers

Stanford University
Ph.D. in History of Science; Specialization in Astrophysics; Thesis on perturbation theory and the discovery of Neptune. Stanford Teaching Fellow in History; Ford Foundation Fellow in Chinese; Stegner Creative Writing Fellow (Winner of international competition)

U.C.L.A. Medical Center
National Institutes of Health Postdoctoral Fellow, Departments of Anatomy/Neuroscience. Study of polarized electrode synapse sensing in brain.

National Association of Securities Dealers (NASDAQ)
General Securities Registered Representative's License, Series 7
General Securities Financial Principal's Credential, Series 24

PROFESSIONAL MEMBERSHIPS:

American Institute of Aeronautics and Astronautics (Associate Fellow)
American Society of Mechanical Engineers (Fellow)
The Authors Guild
Listed in *The Blue Book*; *Contemporary Authors*; *Jane's Who's Who in Aerospace*; *Men of Achievement*; *Who's Who in California*; *Who's Who in the West*; *Who's Who of American Inventors*

LANGUAGES:

Modest competence in French, German, and Spanish; Rudiments of Italian, Japanese, Mandarin Chinese (Putonghua), and Tagalog. Currrently learning Hindi (Devanagiri).

ABBREVIATED PUBLICATION LIST:

Books:
The Discovery of Neptune, Harvard University Press, 1962. Also published by Suhrkamp Verlag (German Edition, 1970), Dover Publications, Inc. (Paperback Edition, 1979), Koseisha Koseikaku (Japanese Edition, 1985), and Edizioni il Castello (Italian Edition, 1986
The Hobby Shop (novel), Houghton Mifflin, 1967.
The Snake Horn (young adult novel), Atheneum, 1973. Concurrently published by McClelland & Stewart, Ltd. (Canadian edition); Concurrently published by G. K . Hall (large print edition)
Diesel: The Man and the Engine, Atheneum 1978. Also published by David & Charles (United Kingdom Edition, 1980)
Gossamer Odyssey: The Triumph of Human-Powered Flight, Houghton Mifflin, 1981. Also published by Michael Joseph Ltd. (United Kingdom edition, 1981), Dover Publications, inc. (Paperback edition 1991), and Zenith Press (Revised edition, 2004)
On Gossamer Wings, published by E. I. Du Pont de Nemours & Co. and York graphics, 1982
The Fabulous Fifty (young adult novel), Macmillan/Atheneum, 1990. (Commonwealth Club Medal for literary excellence, 1991)
100 Inventions That Shaped History, Bluewood Books, 1993 (Co-Editor)
Currently writing ninth book titled *Congruence*, a collection of essays.

Other Publications:
Editor, *Boeing Scientific Laboratories Review*, Seattle, Washington
Author of more than 100 technical papers and reports for business and corporate clients.

Scientific and scholarly papers published in peer-reviewed journals including *Artibus Asiae, Artificial Organs, Communications of the Association for Computing Machinery, Isis, The Journal of Asian Studies, The Journal of the Astronomical Society of the Pacific, The Journal of the Franklin Institute, The Journal of Rehabilitation Research, The Proceedings of the Plastic Surgery Research Council, Restorative Neurology*, and *Neuroscience*.

Published fiction, non-fiction articles, and poetry in *The Atlantic, Harper's, Holiday, Industrial Design, Natural History, The New Yorker, The Saturday Evening Post, Stanford Magazine, Technology Review, The Whole Earth Catalog*, and *The Writer*. A number of these pieces have been republished in anthologies and textbooks.

Hobbies:
Aviation, Fitness, Modelbuilding, Photography