

Ted Selker, PhD

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I am best known as an inventor and spokesperson for the future of people and technology. I love creating and shepherding ideas from vision to impact. I enjoy working at all levels of entrepreneurial activity needed to turn ideas to reality: invention, funding, team building, design, construction, procurement, manufacturing, testing, and cost reduction. I have experience working with Fortune 500 companies as well as with startups and mezzanine-level firms. I am especially proud of the invention/product development organizations I have created which focus on people in designing hardware and software to build new business opportunities.

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|---|----------------------|-------------|
| Patents | 56 Issued, 2 pending | |
| Invited lectures and seminars | 100 + | |
| TV, radio, and press stories | 200 + | |
| Federal and state government testimony | 7 | |
| Product and impact awards | 37 | |
| Refereed journal publications | 25 | |
| Refereed conference publications | 56 | |
| Other publications | 50 + | |
| Theses supervised | 30 + | |
| Symposia organized | 31 | |
| Grant awards overseen | 14 | |
| Museum/gallery installations | 6 | |
| American Association of People with Disabilities Thomas Paine Voting Award | | 2006 |
| Scientific American 50 Awards, Computer Science Policy Leader: T. Selker, M. Alvarez | | 2004 |

New business proposals & mentoring

ITRI, OLPC, Philips, Philip Morris, Atigo, Campbell, Clear Methods, Colgate, Ahold, Motorola, Pepsi, Sanyang, MasterCard, Twin Cities Public Television, Design Continuum, USPS, Lear, Kraft, GetGo, Nokia, Sony, Vert, Google (1997, 2002), IBM, AnyWare Radio, Find the Dot, Kraft, McDonald's, Merloni, Message Machines, Steelcase, Xift, Communications Intelligence Corporation, Cybertronics International

New product engineering

France Telecom, IBM, MasterCard, Sony, Ergodex, Xerox, Pacific bell, VPL Research, Stanford, Brown & Sharpe, Pacific Bell, Weyerhaeuser

Teaching

MIT (Associate Professor), Stanford University (Lecturer, Consulting Associate Professor), UMass-Amherst (TA), Hampshire College (Lecturer), Brown University (TA, Instructor)

Research

MIT Media Lab, IBM Almaden Research Center, IBM T. J. Watson Research Center, Xerox PARC, Veterans Administration Rehabilitation R&D Laboratory, Atari Research, Stanford, UMass-Amherst, Brown University, Brown & Sharpe, Weyerhaeuser

Research management

IBM Almaden Research Center (Senior Manager, IBM Fellow), Caltech/MIT Voting Technology Project (Co-Director), Context Aware Computing Group (Director), Media Lab Counter Intelligence Special Interest Group (Director)

Successful product impacts

PBS: "The Forgetting" (<http://www.pbs.org/theforgetting/livingcenter>); Sanyang Softsink; ThinkPad TransNote; High-altitude disks and ThinkPads for an Everest expedition; the keyboard light on notebook computers; IBM Scroll Mouse; many versions of TrackPoint input devices on IBM, Sony, Compaq, Fujitsu, HP, TI, and Zenith products; new strain gauges; small footprint 16-bit A/D for Philips microprocessors; several TrackPoint keyboards; OS/2 SmartGuides; OS/2 disabilities package; memory hierarchy model - changed IBM PowerPC architecture and C++ compilers; New Data Disc; system for classifying lumber thickness and roughness

Education

1992 **Ph.D. Computer Science, City University of New York**

Thesis: A Framework for Proactive Interactive Adaptive Computer Help

1981 **M.S. Computer and Information Sciences, University of Massachusetts-Amherst**

Thesis: Paired Associative Memory

1979 **B.S. Applied Mathematics with honors, Brown University**

Thesis: An Image-Based Focusing System

(Lists are in reverse chronological order. Full vitae, bio, and references available upon request.)