Curriculum Vitae

(Updated December, 2012)

Eric von Hippel

Education:

Copenhagen Business School	Ph.D	2007 (Hon)
Ludwig-Maximillians Universität München	Ph.D.	2004 (Hon)
Carnegie Mellon University	Ph.D.	1974
Massachusetts Institute of Technology	S.M.	1966
Harvard College	B.A	1964

Professional History:

Sional Instal y.	
Welling Professor, George Washington University	2009 - 2010
Faculty Associate, Berkman Center	2009 - 2010
Fellow, Berkman Center for Internet	
and Society, Harvard Law School	2007 - 2009
T Wilson Professor of Management, MIT-Sloan	2006 - Present
Professor of Engineering Systems, MIT	2006 - Present
Head, Innovation and Entrepreneurship Group	2003 - 2006
Professor, Sloan School of Management, MIT	1985 - 2006
Sir Walter Scott Distinguished Professor,	
Australian Grad School of Management, UNSW	1997 - 1998
Co-Founder, MIT Entrepreneurship Program	1994 - 1996
Fellow, Canadian Institute for Advanced Research	1995 - 1997
Associate Professor, Sloan School, MIT	1979 - 1985
Assistant Professor, Sloan School, MIT	1973 - 1979
Consultant, McKinsey and Company	1970 - 1972
Co-Founder and Manager of Mechanism R&D,	1966 - 1969
Graphic Sciences Inc.	

Journal Editorial / Advisory Boards:

Research Policy

Organization Science

International Journal of Entrepreneurship Education

International Journal of Management of Innovation and Technology

Journal für Betriebswirtschaft

Business Research (a free, user-run, online journal)

Science and Public Policy

Journal of Knowledge-based Innovation in China

Journal of the Knowledge Economy

Research Publications:

Raasch, Christiana, and Eric von Hippel (2012), "Amplifying user and producer innovation: The power of participation motives" MIT Sloan School of Management Working Paper (October)

Raasch, Christiana, and Eric von Hippel (2012), "Modeling interactions between the user and producer innovation paradigms: User-contested and user-complemented markets for innovation" MIT Sloan School of Management Working Paper.

De Jong, Jeroen, P. J., and Eric von Hippel (2012) "User Innovation: Business and Consumers" Chapter 5 in Fred Gault, Ed., *Elgar Handbook on Innovation Indicators and Measurement forthcoming*

von Hippel, Eric (2012) "The role of lead users in innovation" in David Teece and Mie Augier, Eds, *Palgrave Encyclopedia of Strategic Management*, Palgrave Macmillan Ltd, UK.

von Hippel, Eric, Jeroen P.J. de Jong, and Stephen Flowers (2012) "Comparing business and household sector innovation in consumer products: Findings from a representative survey in the UK." *Management Science*, Vol. 58, No. 9, (September), pp. 1669–1681

Baldwin, Carliss Y. and Eric von Hippel (2011) "Modeling a Paradigm Shift: From Producer Innovation to User and Open Collaborative Innovation." *Organization Science*, Vol. 22, No. 6, November–December, pp. 1399–1417

Hienerth, Christoph, Eric von Hippel, and Morten Berg Jensen (2011) "Innovation as consumption: Analysis of consumers' innovation efficiency," MIT Sloan School of Management Working Paper # 4926-11

von Hippel, Eric, Susumu Ogawa, and Jeroen P. J. de Jong (2011) "The Age of the Consumer-Innovator" *Sloan Management Review* (Fall) vol. 53 Nr 1 pp. 27-35.

von Hippel, Eric, and Georg von Krogh (2011) "Open innovation and the private-collective model for innovation incentives." Chapter 9 in Rochelle C. Dreyfuss and Katherine Strandburg, Eds. *The Law And Theory Of Trade Secrecy: A Handbook of Contemporary Research*. Edward Elgar, Cheltenham, UK.

Oliveira, Pedro and Eric von Hippel (2011) "Users as Service Innovators: The Case of Banking Services" *Research Policy*, vol. 40, Nr 6, pp. 806-818.

Füller, Johann, Roland Schroll, and Eric von Hippel (2011) "Brands as User Generated Content:

Evidence and Implications." MIT Sloan School of Management Working Paper (January).

Flowers, Steven, Eric von Hippel, Jeroen de Jong, and Tanja Sinozic (2010) "Measuring user innovation in the UK: The importance of product creation by users." Research report, (April) NESTA, London, UK ISBN 978-1-84875-081-4.

Von Hippel, Eric (2010) "Users as Sources of Invention," *Handbook of Economics of Technological Change, Volume 1*. Bronwyn H. Hall and Nathan Rosenberg, eds, Elsevier B.V. Press.

de Jong, Jeroen P. J., and Eric von Hippel (2009) "Transfers of user process innovations to process equipment producers: A study of Dutch high-tech firms" *Research Policy* (September) Vol 38, No 7 pp 1181-1191

Gault, Fred and Eric von Hippel (2009) "The prevalence of user innovation and free innovation transfers: Implications for statistical indicators and innovation policy" MIT Sloan School of Management Working Paper #4722-09 (January)

Von Hippel, Eric and Chen Jin (2009) "The major shift towards user-centered innovation: Implications for China's innovation policymaking" *Journal of Knowledge-based Innovation in China* (January) Vol 1, No. 1 pp.16-27

von Hippel, Eric (2009) "Adapting policy to user-centered innovation" Chapter 23 in Dominique Foray, ed. *The New Economics of Technology Policy* Edward Elgar Publishing, pp. 327-336

Von Hippel, Eric (2009) "Democratizing Innovation: The Evolving Phenomenon of User Innovation," *International Journal of Innovation Science* No. 1, Vol 1 pp. 29-40.

von Hippel, Eric, Nikolaus Franke, and Reinhard Prügl (2009) ""Pyramiding": Efficient Identification of Rare Subjects." *Research Policy* No. 38, pp 1397-1406.

Füller, Johann and Eric von Hippel (2008) "Costless Creation of Strong Brands by User Communities: Implications for Producer-Owned Brands." MIT Sloan School of Management Working Paper 4718-08 (September)

Fauchart, Emmanuelle and Eric von Hippel (2008) "Norms-based intellectual property systems: The case of French Chefs," *Organization Science* Vol. 19, No. 2, March–April pp. 187–201

Von Hippel, Eric and Joseph Paradiso (2008) "User Innovation and Hacking" *Pervasive Computing* IEEE CS Vol 7 No. 3 (July-September) pp 66-69.

Von Hippel, Eric (2007) "Democratizing Innovation: The Evolving Phenomenon of User Innovation" Chapter 8 in *Science, Technology and Innovation Indicators in a Changing World: Responding to Policy Needs*, OECD, pp 125-138.

Von Hippel, Eric (2007) "Horizontal innovation networks – by and for users," *Industrial and Corporate Change*, 16:2

Demonaco, Harold and Eric von Hippel (2006), "Reducing medical costs and increasing quality via toolkits for patient self-management". *PLoS Med* 4(4): e104.

Franke, Nikolaus, Eric von Hippel and Martin Schreier (2006) "Finding Commercially Attractive User Innovations: A Test of Lead-User Theory" *Journal of Product Innovation Management* Vol 23 pp. 301-315.

Von Krogh, Georg and Eric von Hippel (2006) "The High Promise of Research on Open Source Software," *Management Science* vol 52, No. 7 (July) pp. 975-983.

Von Hippel, Eric and Georg von Krogh (2006) "Free Revealing and the Private-Collective Model for Innovation Incentives," *R&D Management* vol 36, No. 3, pp. 291-302.

Demonaco, Harold, Ayfer Ali and Eric von Hippel (2006), "The Major Role of Clinicians in the Discovery of Off-Label Drug Therapies" MIT *Pharmacotherapy* Vol 26, No. 3, pp 323-332.

Baldwin, Carliss Y., Christoph Hienerth and Eric von Hippel (2006) "How user innovations become commercial products: a theoretical investigation and case study" *Research Policy*, Vol 35 No. 9 (November) pp. 1291-1313

von Hippel, Eric (2005) Democratizing Innovation, Cambridge, MA: MIT Press (April).

Lüthje, Christian, Cornelius Herstatt and Eric von Hippel (2005), "User-innovators and "local" information: The case of mountain biking," *Research Policy*, Vol 34, No. 6 (August) pp. 951-965.

von Hippel, Eric (2005) "Democratizing Innovation: The evolving phenomenon of user innovation" *Journal für Betriebswirtschaft* (January) 55: pp. 63-78

Henkel, Joachim and Eric von Hippel (2005) "Welfare Implications of User Innovation," *Journal of Technology Transfer* Vol 30 Nos. 1-2 (January) Pages 73-87.

Von Hippel, Eric (2005) "The best way to innovate? Let lead users do it for you" *Inc Magazine*, September

von Hippel, Eric (2005) "Open source software projects as user innovation networks - no manufacturer required." in *Perspectives on Free and Open Source Software*, edited by J. Feller, B. Fitzgerald, S. Hissam, and K. Lakhani. Cambridge: MIT Press.

Hessler, Curt, Eric von Hippel and James Bessen (2004) "U.S.Supreme Court *Amici Curiae* Brief of Innovation Scholars In Support of Affirmation In The Case of Metro-Goldwyn Mayer Studios, Inc. *et al.*, *Petitioners*, *vs Grokster*, *Ltd.*, *et al.*, *Respondents*" No. 04-480, (March)

von Hippel, Eric and Georg von Krogh (2003), "Open Source Software and the "Private-Collective" Innovation Model: Issues for Organization Science" *Organization Science* 14 (2)208-223.

Lakhani, Karim and Eric von Hippel (2003) "How Open Source Software Works: "Free" User-to-User Assistance," *Research Policy* Vol 32 No. 6, (June) Pages 923-943

Franke, Nikolaus and Eric von Hippel (2003), "Satisfying Heterogeneous User Needs via Innovation Toolkits: The Case of Apache Security Software" *Research Policy* Vol 32, No. 7, (July) pp.1199-1215.

Von Krogh, Georg and Eric von Hippel (2003), "Open Source Software: Introduction to a Special Issue of Research Policy," *Research Policy* Vol 32, No. 7, (July) pp. 1149-57.

Harhoff, Dietmar, Joachim Henkel and Eric von Hippel (2003) "Profiting from voluntary information spillovers: How users benefit from freely revealing their innovations," *Research Policy* vol 32, No.10 (December) pp.1753-1769

Lilien, Gary L., Pamela D. Morrison, Kathleen Searls, Mary Sonnack, Eric von Hippel, (2002) "Performance Assessment of the Lead User Idea Generation Process," *Management Science*, Vol 48, No 8 (August) pp. 1042-1059.

Von Hippel, Eric and Ralph Katz (2002), "Shifting Innovation to Users Via Toolkits," *Management Science*, Vol 48, No. 7 (July) pp 821-833.

Thomke, Stefan and Eric von Hippel (2002) "Customers as Innovators: A New Way to Create Value" *Harvard Business Review*, Vol 80 No. 4 April pp 74-81.

von Hippel, Eric, "Innovation by User Communities: Learning from Open Source Software," *Sloan Management Review*, July, 2001.

von Hippel, Eric (2001) "Perspective: User toolkits for innovation," *The Journal of Product Innovation Management*, 18, pp 247-257.

Morrison, Pamela D., John H. Roberts and Eric von Hippel (2000), "Determinants of User Innovation and Innovation Sharing in a Local Market," *Management Science*, 46, 12 (December), pp1513-1527.

von Hippel, Eric, Stephan Thomke and Mary Sonnack (1999) "Creating Breakthroughs at 3M" *Harvard Business Review* 77, No.5 September-October, p. 47-57.

von Hippel (1998) "Economics of Product Development by Users: The Impact of "Sticky" Local Information" *Management Science*, vol 44, No. 5 (May) p. 629-644

von Hippel (1998) "Explorations of the Impact of "Sticky" Local Information on the Locus of Innovation – a Progress Report," in N. Franke and C.-F. von Braun, editors, *Innovationsforschung und Technologie-management: Konzepte, Strategien, Fallbeispiele*, Springer.

Thomke, Stefan, Eric von Hippel and Roland Franke (1998) "Modes of Experimentation: An Innovation Process – and Competitive – Variable" *Research Policy*, Vol 27 p. 315-332

Tyre, Marcie and Eric von Hippel (1997) "The Situated Nature of Adaptive Learning in Organizations" *Organization Science*, vol 8, No 1 (January-February) p. 71-83

von Hippel, Eric and Marcie Tyre (1996) "The Mechanics of Learning by Doing: Problem Discovery During Process Machine Use." *Technology and Culture* 37 no.2 (April) p. 312-329.

von Hippel, Eric and William Riggs (1996) "A Lead User Study of Electronic Home Banking Services: Lessons from the Learning Curve." MIT Sloan School of Management Working Paper # 3911-96 (June).

von Hippel, Eric and Stephan Schrader (1996), "'Managed' Informal Information Trading: The Oil Scout System in Oil Exploration Firms." *International Journal of Technology Management*, Vol 11, Nos. 1&2 p.209-218.

von Hippel, Eric (1995) "User Learning, 'Sticky Information', and User-Based Design, MIT Sloan School of Management Working Paper #3815-95 (May).

von Hippel, Eric and Marcie Tyre (1995) "How "Learning by Doing" is Done: Problem Identification in Novel Process Equipment." Vol 24, No.1 *Research Policy* (January) p. 1-12.

von Hippel, Eric (1994) "Sticky Information" and the Locus of Problem Solving: Implications for Innovation" *Management Science* 40, no.4 (April): 429-439

Riggs, William and Eric von Hippel (1994), "The Impact of Scientific and Commercial Values on the Sources of Scientific Instrument Innovation," *Research Policy* 23 (July): 459-469.

von Hippel, Eric (1993) "Concurrent Market Research for New Product Development," Sloan School of Management Working Paper # 3576-93 BPS, June.

von Hippel, Eric (1993)" The Creation of Needs for New Products and Services", Sloan School of Management Working Paper # 3374-92-BPS, January 1992.

Herstatt, Cornelius, and Eric von Hippel (1992), "From Experience: Developing New Product Concepts Via the Lead User Method: A Case Study in a "Low Tech" Field", *Journal of Product Innovation Management*, 1992;9: 213-221.

von Hippel, Eric (1990) "Task Partitioning: An Innovation Process Variable," *Research Policy*_19, 407-418.

von Hippel, Eric (1990) "Predicting the Source of Commercially Valuable User Innovation Via "Lead Users", in *Advances in Telecommunications Management*, Edited by M. Saghafi and A. Gupta, JAI Press, Greenwich Connecticut

von Hippel, Eric (1989) "New Product Ideas from 'Lead Users'", *Research Management*, 32, No. 3 (May-June): 24-27.

von Hippel, Eric (1988) The Sources of Innovation (New York: Oxford University Press).

Urban, Glen L., and Eric von Hippel (1988), "Lead User Analyses for the Development of New Industrial Products," *Management Science* 34, no. 5 (May):569-82.

von Hippel, Eric (1987) "Cooperation Between Rivals: Informal Know-How Trading," *Research Policy* 16: 291-302.

von Hippel, Eric (1986) "Lead Users: A Source of Novel Product Concepts," *Management Science* 32, no. 7 (July):791-805.

von Hippel, Eric (1986) "Tools for Thinking About the Sources of Innovation in Ceramics Materials and Processes," *Proceedings of the American Ceramics Society*, 88th Annual Meeting.

von Hippel, Eric (1985) "Testing the Correlation Between the Functional Locus of Innovation and Appropriable Innovation Benefit," MIT Sloan School of Management Working Paper No. 1688-85, Cambridge, Mass. (August).

von Hippel, Eric (1985) "Learning from Lead Users," in *Marketing in an Electronic Age*, ed. Robert D. Buzzell (Boston: Harvard Business School Press), 308-17.

von Hippel, Eric (1984) "Generation and Evaluation of Novel Product Concepts via Analysis of Experienced Users," Marketing Science Institute, Cambridge, Mass. (December).

von Hippel, Eric (1983) "Increasing Innovators' Returns from Innovation," in *Research on Technological Innovation, Management and Policy*, ed. Richard S. Rosenbloom, vol. 1 (Greenwich, Conn: JAI Press,), 35-53.

von Hippel, Eric (1982) "Appropriability of Innovation Benefit as a Predictor of the Source of Innovation," *Research Policy* 11, no. 2 (April): 95-115.

von Hippel, Eric (1982) "Get New Products from Customers," *Harvard Business Review* 60, no. 2 (March-April):117-22.

von Hippel, "Get New Products from Customers," in *The Management of Technological Innovation*, ed. Alan M. Kantrow and Richard S. Rosenbloom (Boston: Harvard Business Review, 1982), 138-43.

Finkelstein, Stan N., Eric von Hippel, and Jeffrey R. Scott (1980) "Projecting the Impact of the 1976 Medical Device Amendments on Innovation in Clinical Chemistry Tests," *Journal of Technology Transfer* 5, no. 1 (Fall):1-9.

von Hippel, Eric (1980) "The User's Role in Industrial Innovation," chap. 3 in *Management of Research and Innovation*, ed. Burton V. Dean and Joel D. Goldhar, vol. 15 in <u>TIMS Studies in the Management Sciences</u> (Amsterdam: North-Holland Publishing Company), 53-65.

von Hippel, Eric (1979) "Reducing the Cost of Product Development by Recognizing - and Benefitting from - Customer R&D," *PDMA* 4, no. 2 (March).

von Hippel, Eric (1979) "A Customer-Active Paradigm for Industrial Product Idea Generation," in *Industrial Innovation: Technology, Policy, Diffusion*, ed. Michael J. Baker (London: Macmillan), 82-110.

von Hippel, Eric and Stan N. Finkelstein (1979), "Analysis of Innovation in Automated Clinical Chemistry Analyzers," *Science & Public Policy* 6, no. 1 (February):24-37.

von Hippel, Eric (1978) "A Customer-Active Paradigm for Industrial Product Idea Generation," *Research Policy* 7, no. 3 (July):240-66.

von Hippel, Eric (1978) "Users as Innovators," *Technology Review* 80, no. 3 (January):31-39.

von Hippel, Eric (1978) "Successful Industrial Products From Customer Ideas: A Paradigm, Evidence and Implications," *Journal of Marketing* 42, no. 1 (January):39-49.

von Hippel, Eric (1977) "Transferring Process Equipment Innovations from User-Innovators to Equipment Manufacturing Firms," *R&D Management* 8, no. 1 (October):13-22.

von Hippel, Eric (1977) "Successful and Failing Internal Corporate Ventures: An Empirical Analysis," *Industrial Marketing Management* 6, no. 3 (July):163-74.

von Hippel, Eric (1977) "The Dominant Role of the User in Semiconductor and Electronic Subassembly Process Innovation," *IEEE Transactions on Engineering Management* EM-24, no. 2 (May):60-71.

von Hippel, Eric (1977) "Has a Customer Already Developed Your Next Product?," *Sloan Management Review* 18, no. 2 (Winter 1977): 73-74. Reprinted in *IEEE Engineering Management Review* 6, no. 8 (September 1979): 5-16.

von Hippel, Eric (1976) "The Dominant Role of Users in the Scientific Instrument Innovation Process," *Research Policy* 5, no. 3 (July):212-39.

von Hippel, Eric (1974) *An Exploratory Study of Corporate Venturing - A New Product Innovation Strategy Used by Some Major Corporations* (Ph.D. Dissertation, Carnegie Mellon University, 1973) (Ann Arbor, Mich: University Microfilms).

Patents:

The following patents describe electromechanical inventions related to facsimile. These were embodied in approximately 15,000 facsimile transceivers produced from 1967 to 1977.

von Hippel, U.S. Patent No. 3,369,691 *Electro-Sensitive Printing Resin Control System*, Issued October 10, 1972.

von Hippel, U.S. Patent No. 3,640,482, Paper Feed Mechanism, Issued February 9, 1972.

von Hippel, U.S. Patent No. 3,541,579, *Electronic Stylus Feed Mechanism*, Issued November 17, 1970.

von Hippel, U.S. Patent No. 3,533,249, *Scanner Speed Conditioning Unit*, Issued October 31, 1970.