

Cambridge University Press

978-0-521-64254-5 - Sources of Industrial Leadership: Studies of Seven Industries

Edited by David C. Mowery and Richard R. Nelson

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Sources of Industrial Leadership

This book describes and analyzes how seven major high-tech industries evolved in the United States, Japan, and Western Europe. The industries covered are machine tools, organic chemical products, pharmaceuticals, medical devices, computers, semiconductors, and software. In each of these industries, firms located in one country or a very few countries became the clear technological and commercial leaders. In a number of cases, the locus of leadership changed, sometimes more than once, over the course of the histories studied. The emphasis of the book is on the key factors that supported the emergence of national leadership in each industry, and the reasons behind the shifts when they occurred. Special attention is given to the national policies that helped to create, or sustain, industrial leadership.

David C. Mowery is Milton W. Terrill Professor of Business Administration at the Walter A. Haas School of Business, University of California, Berkeley. He is coauthor with Nathan Rosenberg of *Paths of Innovation: Technological Change in 20th-Century America* (Cambridge University Press, 1998) and *Technology and the Pursuit of Economic Growth* (Cambridge University Press, 1989), and editor of *The International Computer Software Industry* (Oxford University Press, 1996).

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Studies of Seven Industries

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