Ivory Tower and Industrial Innovation

University-Industry Technology Transfer Before and After the Bayh-Dole Act in the United States

DAVID C. MOWERY, RICHARD R. NELSON, BHAVEN N. SAMPAT, *and* ARVIDS A. ZIEDONIS

Stanford Business Books

An Imprint of Stanford University Press Stanford, California 2004

CONTENTS

	List of Tables and Figures	ix
	Acknowledgments	xiii
j	Introduction: The Ivory Tower and Industrial Innovation	1
2	Historical Overview: American Universities	
	and Technical Progress in Industry	9
3	University Patent Policies and University Patenting	
	Before the Bayh-Dole Act	35
4	The Research Corporation and University	
	Technology Licensing, 1912-80	58
5	A Political History of the Bayh-Dole Act of 1980	85
6	The Bayh-Dole Act and Patenting and Licensing	
	at the University of California, Stanford University,	
	and Columbia University	99
7	The Effects of Entry and Experience on U.S.	
	University Patenting Before and After the Bayh-Dole Act	129
8	What Happens in University-Industry Technology	
	Transfer? Evidence from Five Case Studies	
	Robert A. Lowe, David C. Mowery, and Bhaven N. Sampat	152
9	Conclusion	179
	Notes	193
	References	215
	Index	229