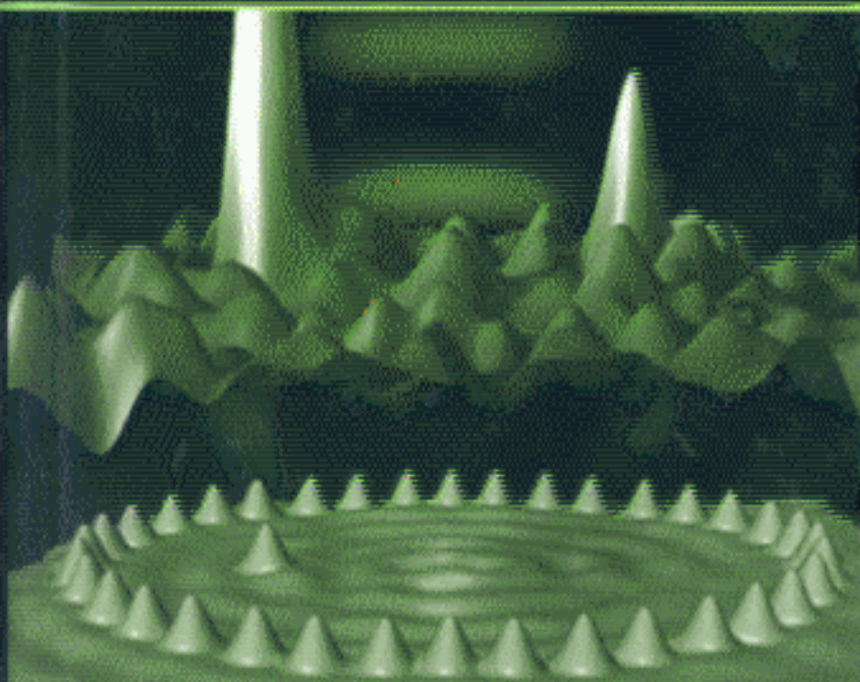


The Handbook of Nanotechnology

Business, Policy, and Intellectual Property Law



**John C. Miller, Ruben Serrato,
Jose Miguel Represas-Cardenas, Griffith Kundahl**
Foreword by Thomas A. Kalil

Contents

Acknowledgments	ix
Foreword	xi
Introduction	1
Part I: Introduction to Nanotechnology	11
Chapter 1: Understanding Nanotechnology	13
Chapter 2: The Industrial Structure Giving Rise to Nanotechnology	33
Part II: Nanotechnology Policy and Regulation	39
Chapter 3: Societal and Ethical Implications	41
Chapter 4: Environmental Regulation	51
Chapter 5: The Patent and Trademark Office	65
Chapter 6: FDA Regulation	83
Chapter 7: National Security and Export Controls	103
Chapter 8: Federal Funding	115
Chapter 9: Conclusions	131
Part III: Nanotechnology Business	137
Chapter 10: Starting a Nanotech Company	139
Chapter 11: Business Plans and Strategy	161
Chapter 12: Early Stage Financing	189
Chapter 13: Intellectual Property	209
Chapter 14: Corporate Partnering and Globalization	235
Chapter 15: Consolidation and Standardization	251
Chapter 16: Exit Opportunities	267
Chapter 17: Conclusions	281
Notes	287
About the Authors	355
Index	357