Contents

	Introduction: The Coming Artificial Invention Age	1
	PART I: Automating Invention	
1	A Prehistory of Genies	15
2	Enter the Universal Machine	29
3	The Rise of Wishes	37
4	Artificial Invention Today	51
5	Invention Automation: Old and New	62
6	Humans and Their Tools: Partners in Invention	86
	PART II: Regulating Genies	
7	Patenting Artificial Inventions	97
8	Follow the Value	113
9	Free the Genie, Bottle the Wish	137
10	The Limits of Law in a World of Genies	157

viii Contents

	PART III: Living with Genies	
11	Learning How to Wish	177
12	Competing with Genies	191
13	Advising Aladdin	201
14	A Genie in Every Home	211
	Acknowledgments	219
	Notes	225
	Index	263