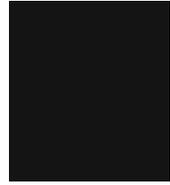


Contents



<i>Foreword</i>	vii
<i>Preface</i>	xi
1 Born to Invent	1
The Century of the Inventor	1
Toward Communication Without Wires	7
Inventing the Motion Picture.....	12
Enter Lee de Forest.....	20
Toward the New Century.....	37
2 The Race for Wireless	41
The Significance of Marconi	42
De Forest’s Early Career	45
The Search for a Better Detector	49
The Wireless Business.....	56
A Silent Film Industry Emerges.....	76
3 The Meaning of the Audion	85
The Dawn of Modern Electronics	86
De Forest Creates the Audion.....	89
Broadcasting’s Pioneers.....	98
De Forest as an Early Broadcaster.....	105
De Forest’s Complex Love Lives.....	116
4 California Days	125
The Film Industry Finds Language and Locations.....	126
De Forest and the Law	140
The Audion Amplifies.....	145
The High Bridge Broadcasts	156
1920: A Watershed Year	163

xvi Contents

5	Radio's Arrival	167
	The RCA Agreements.....	168
	Defining American Radio Broadcasting.....	172
	Hugo Gernsback and Radio News.....	176
	Creating a Radio Audience.....	192
	Radio Technology Matures.....	197
6	Phonofilm, The Promise	203
	De Forest's Inspiration.....	204
	Inventing Phonofilm.....	219
	The Case Connection.....	229
	The Arc of Family Part 1.....	235
	The Phonofilm Decade.....	236
7	Phonofilm, The Realization	253
	Case Is Impatient.....	254
	De Forest Introduces Phonofilm.....	256
	The Business of Phonofilm.....	275
	De Forest Diversions.....	292
	What the Phonofilms Say.....	298
8	Phonofilm, The Rejection	305
	A Deaf Ear to Phonofilm.....	306
	Death by Vitaphone.....	317
	The End of Mary.....	320
	Sound-on-Film Technology Wars.....	324
	The Industry and the Public Adapt.....	334
9	Phonofilm, The Lawyers	349
	The De Forest vs. Fox-Case Suit.....	350
	The Final Days of Phonofilm.....	355
	The Loneliness of Lee.....	365
	Hollywood Happiness.....	367
	Old Patents and New Awards.....	369
10	Lesson and Legacy	389
	The Father of Radio Is Busy.....	390
	Awards and Accolades.....	411
	Other Opinions of de Forest.....	415
	And in the End.....	419
	The Significance of Lee de Forest.....	421
	End Notes	429
	Bibliography	473

Archives and Acknowledgements	477
Appendix Notes	483
Index.....	535
About the Author	553



<http://www.springer.com/978-1-4614-0417-0>

Lee de Forest

King of Radio, Television, and Film

Adams, M.

2012, XV, 553 p. 131 illus., Softcover

ISBN: 978-1-4614-0417-0