
Contents

Preface ix

General Introduction 1

Wiebe E. Bijker and John Law

X

I

DO TECHNOLOGIES HAVE TRAJECTORIES?

Introduction 17

X

1

The Life and Death of an Aircraft: A Network Analysis of Technical Change 21

John Law and Michel Callon

X

2

What's in a Patent? 53

Geof Bowker

3

The Social Construction of Fluorescent Lighting, or How an Artifact Was Invented in Its Diffusion Stage 75

Wiebe E. Bijker

II

**STRATEGIES, RESOURCES, AND THE SHAPING
OF TECHNOLOGY***Introduction* 105

4

***Controversy and Closure in Technological Change:
Constructing "Steel"*** 109*Thomas J. Misa*

5

***Closing the Ranks: Definition and Stabilization of
Radioactive Wastes in the U.S. Atomic Energy
Commission, 1945–1960*** 140*Adri de la Bruhèze*

6

***Artifacts and Frames of Meaning: Thomas A. Edison,
His Managers, and the Cultural Construction of
Motion Pictures*** 175*W. Bernard Carlson*

III

**WHAT NEXT? TECHNOLOGY, THEORY,
AND METHOD***Introduction* 201

7

The De-Description of Technical Objects 205*Madeleine Akrich*

8

***Where Are the Missing Masses? The Sociology of a
Few Mundane Artifacts*** 225*Bruno Latour*

9

A Summary of a Convenient Vocabulary for the Semiotics of Human and Nonhuman Assemblies 259 X
Madeleine Akrich and Bruno Latour

10

Technology, Testing, Text: Clinical Budgeting in the U.K. National Health Service 265
Trevor Pinch, Malcolm Ashmore, and Michael Mulkey

11

Postscript: Technology, Stability, and Social Theory 290 X
John Law and Wiebe E. Bijker

References 309

Contributors 327

Index 331