THE STORY OF TELEVISION, THE LIFE OF PHILO T. FARNSWORTH

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649714001

The story of television, the life of Philo T. Farnsworth by George Everson

Except for use in any review, the reproduction or utilisation of this work in whole or in part in any form by any electronic, mechanical or other means, now known or hereafter invented, including xerography, photocopying and recording, or in any information storage or retrieval system, is forbidden without the permission of the publisher, Trieste Publishing Pty Ltd, PO Box 1576 Collingwood, Victoria 3066 Australia.

All rights reserved.

Edited by Trieste Publishing Pty Ltd. Cover @ 2017

This book is sold subject to the condition that it shall not, by way of trade or otherwise, be lent, re-sold, hired out, or otherwise circulated without the publisher's prior consent in any form or binding or cover other than that in which it is published and without a similar condition including this condition being imposed on the subsequent purchaser.

www.triestepublishing.com

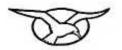
GEORGE EVERSON

THE STORY OF TELEVISION, THE LIFE OF PHILO T. FARNSWORTH



THE STORY OF TELEVISION

THE LIFE OF Philo T. Farnsworth



THE STORY OF TELEVISION

THE LIFE OF
Philo T. Farnsworth

By GEORGE EVERSON

TO HELEN and JESS



Contents

	Introduction	11
1.	A Boy's Purpose	15
2.	FRUSTRATION AND DISAPPOINTMENT	29
3.	PROMISE OF FINANCIAL HELP	36
4.	THE GREEN STREET LABORATORY	74
5.	CRUDE BEGINNINGS—THE FIRST TELEVISION PICTURE	
6.	Televising Motion Pictures	97
7.	THE GROWTH OF SPECULATIVE VALUE	101
8.	CLEARING THE IMAGE OF SMUDGE AND BLUR	104
9.	FIRST DEMONSTRATION TO BACKERS	113
10.	Television Broadcasting and Transmission over	
	Telephone Wires	118
11.	FARNSWORTH MOVES TO PHILADELPHIA	128
12.	MULTIPACTOR TUBES DEMONSTRATED	137
13.	Television Show at Franklin Institute	142
14.	FARNSWORTH VISITS ENGLAND AND GERMANY	146
15.	Patents	152
16.	Cross-Licensing Arrangement with A.T. & T.	155

8	CONTENTS	
17.	EXPERIMENTAL BROADCASTING STATION	160
18.	PHIL AND HIS FAMILY	170
19.	FINANCIAL PROBLEMS—UNEXPECTED BANKING SUP-	
	PORT	179
20.	Television Network Possibilities	188
21.	STANDARDS PROPOSED FOR TELEVISION BROADCAST-	
	ING	194
22.	PROGRAM EXPERIMENTS	199
23.	FACSIMILE AND FOG PENETRATION	212
24.	Defense of the Patent Department	218
25.	PUBLIC DEMONSTRATIONS IN LOS ANGELES AND SAN	
	Francisco	228
26.	MANUFACTURING PLANS COMPLETED	235
27	R C A LICENSES	245

248

254

261

TELEVISION STANDARDS AGREED UPON

30. Research Goes On

AT LONG LAST—COMMERCIAL TELEVISION

28. 29.

Illustrations

Facing Philo T. Farnsworth, the Inventor of Electronic Television, at	page
Work in His Laboratory	160
The First Television Camera Set Up in the Green Street Laboratory	161
Farnsworth Operating His First Portable Television Trans- mitter Unit	161
One of the First Image Dissectors	192
Recent Version of the Image Dissector	192
First Design of the Multipactor Tube	192
Recent Design of the Multipactor Tube	192
Pictures of Photograph through Screens of Varying Mesh, Showing Resolution Obtained	193