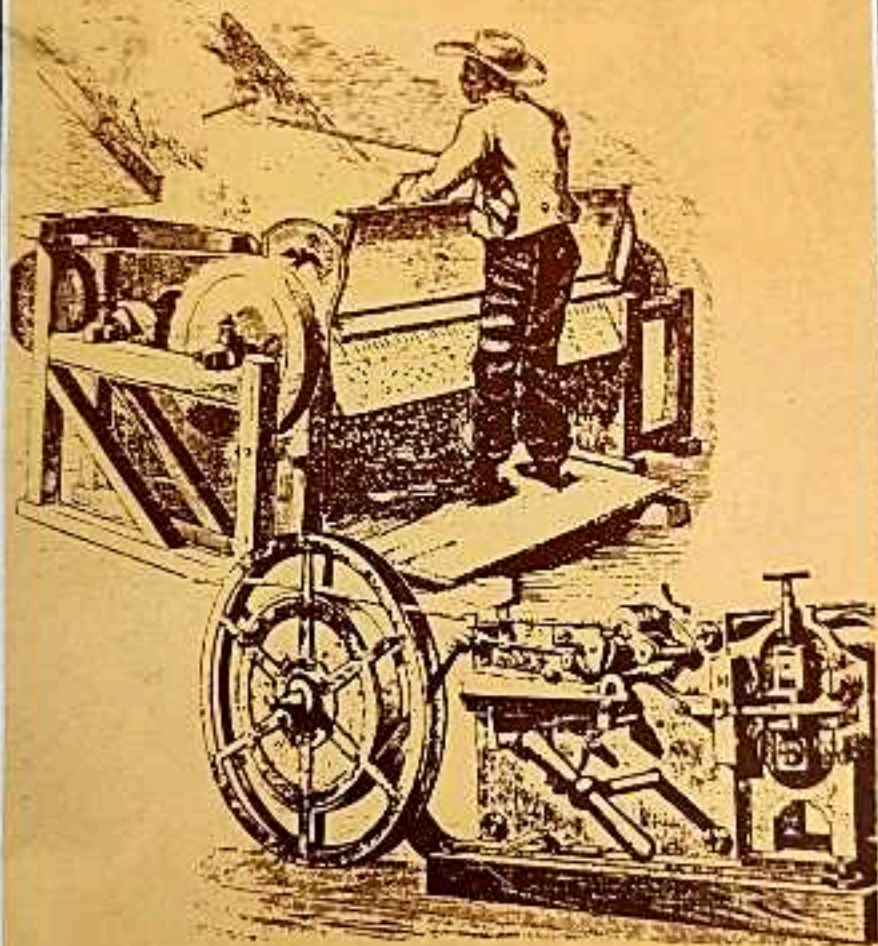


POPULAR SCIENCE

Inventors Who Revolutionised Our Lives

K.V. Gopalakrishnan



Popular Science

Inventors Who Revolutionised Our Lives

K.V. GOPALAKRISHNAN



NATIONAL BOOK TRUST, INDIA

Contents

<i>Preface</i>	vii
<i>Foreword</i>	xi
Part A	
The Art and Science of Invention	
1. The Impact of Science and Technology on our Lives	3
2. Scientists and Inventors	8
3. What Makes Inventors Tick	12
4. The Process of Invention	17
5. India's Crying Need for Inventors	21
Part B	
Great Inventors	
1. James Watt: Harbinger of the Industrial Revolution	25
2. Eli Whitney: Unexpected Fallout of an Invention	34
3. Michael Faraday: Modern Day Prometheus	39
4. Samuel Morse: Eminence in Two Fields	46
5. Charles Babbage: Too Far Ahead of his Times	52
6. Henry Bessemer: Pioneer of the Steel Age	58
7. Alfred Nobel: From Merchant of Death to Promoter of Peace	64
8. Thomas Alva Edison: The Most Inventive Individual in History	71

This book presents biographical sketches of some of the great inventors who displayed tremendous tenacity of purpose, capacity for very hard work and supreme confidence in their own abilities before acquiring recognition for their discoveries. Humanity has benefited immensely by the work of these pioneers, some of whom faced numerous obstacles, difficulties and discouragement before they triumphed.

K. V. Gopalakrishnan (b. 1936) has been teaching at the IIT, Madras since March 1962. He has specialised in internal combustion engines, control of air pollution from these engines, and use of alternative fuels like alcohol, hydrogen, etc. He has over a hundred research papers to his credit, and several of his popular science articles have been published in newspapers and magazines.



Rs 40.00

ISBN 81-237-2668-6

NATIONAL BOOK TRUST, INDIA