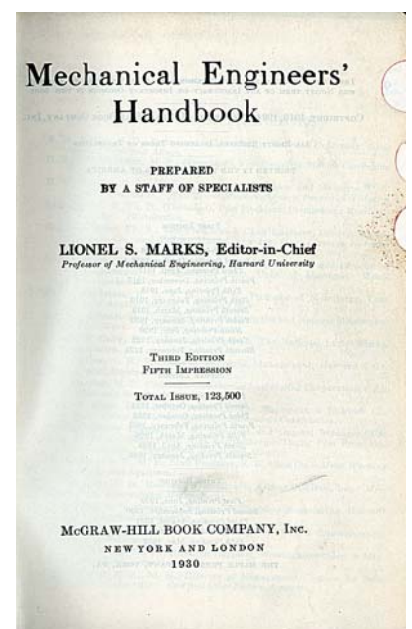
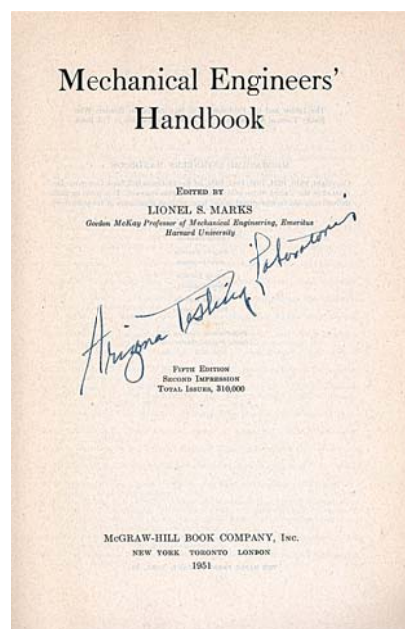
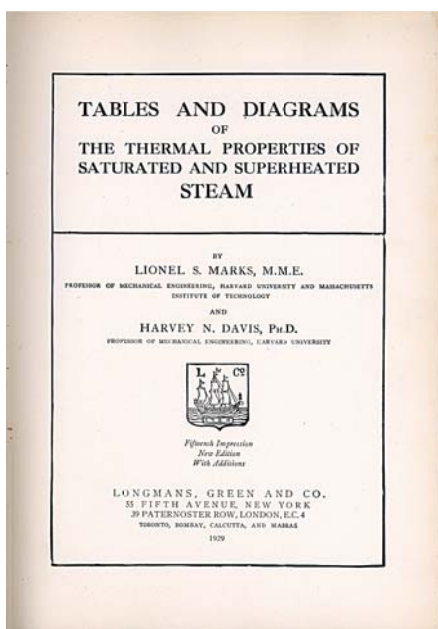
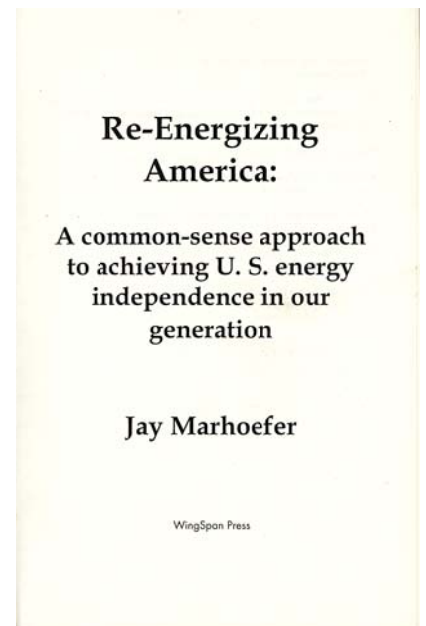
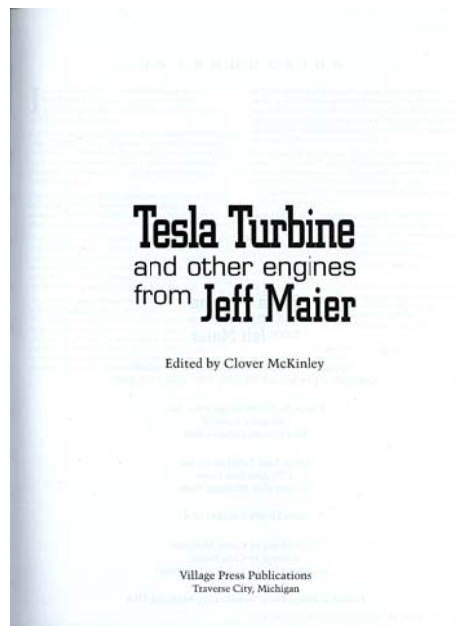
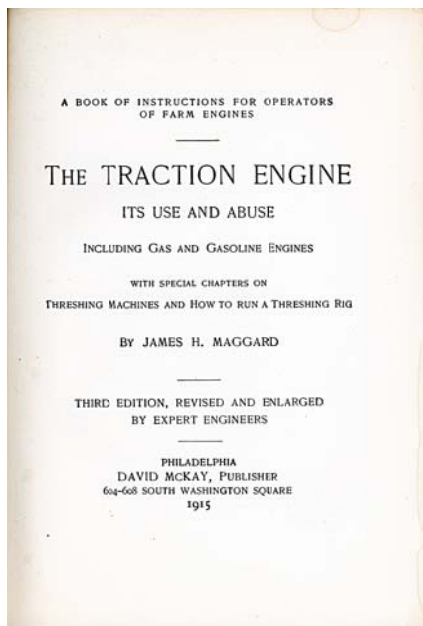
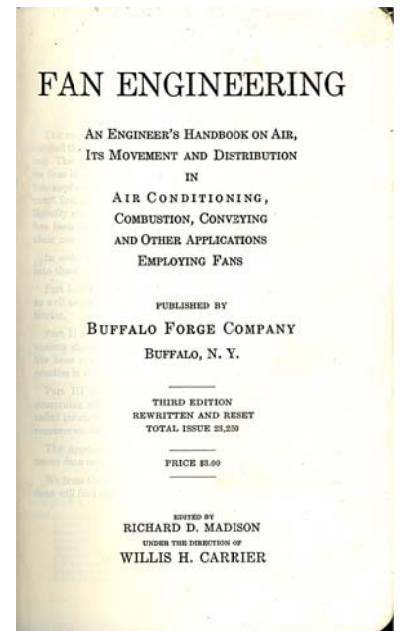
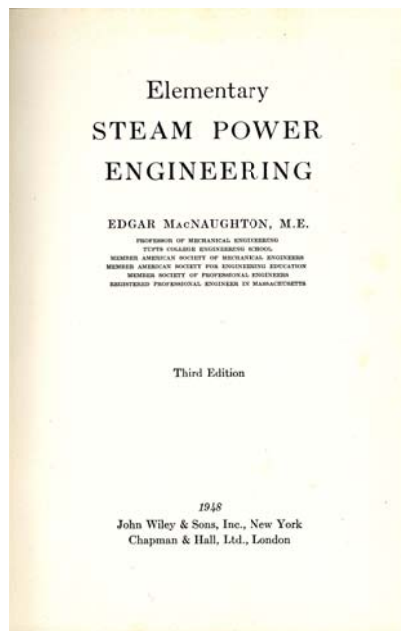
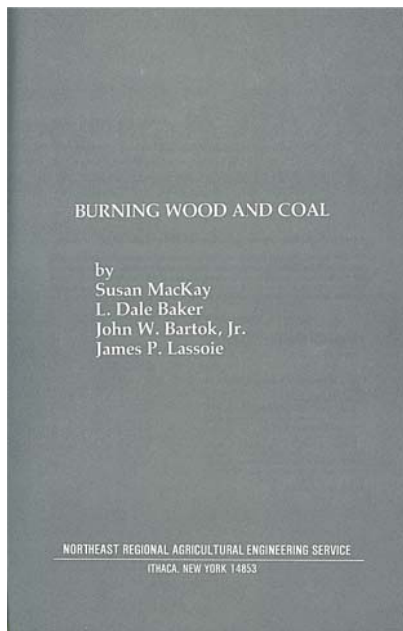
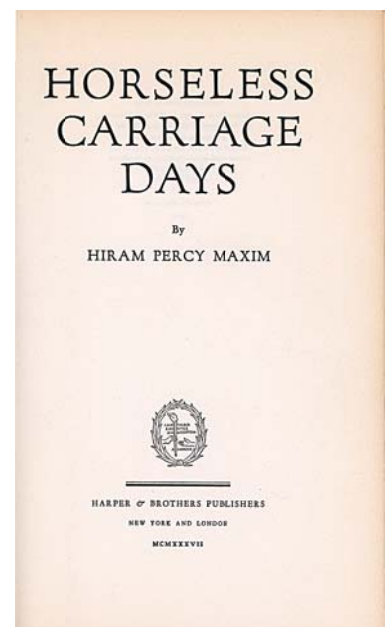
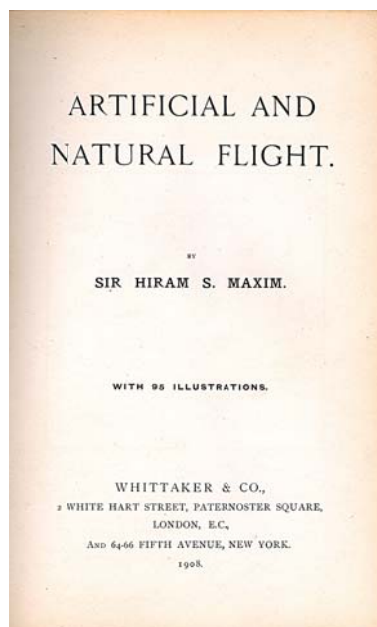
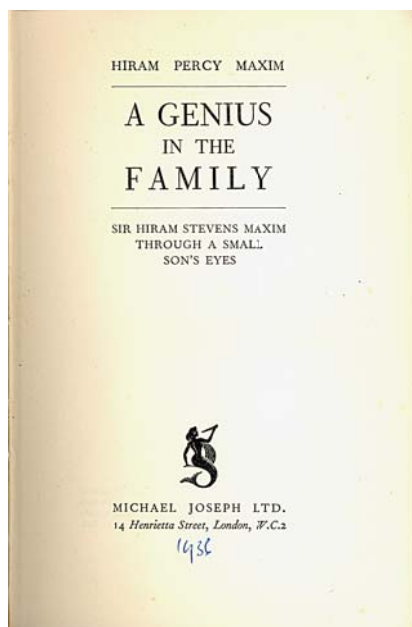
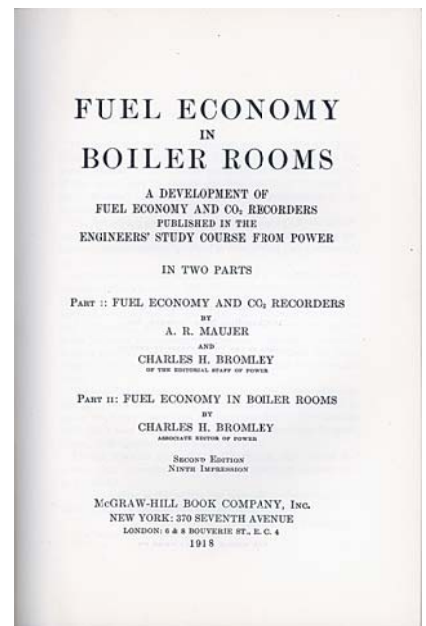
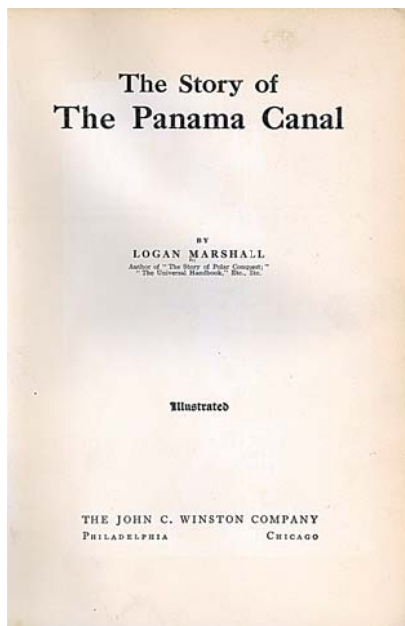
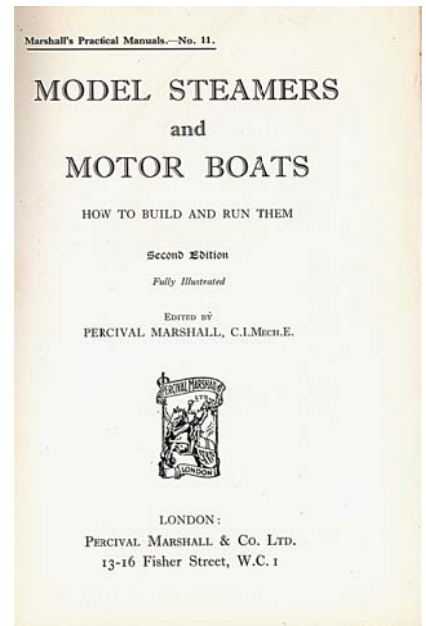
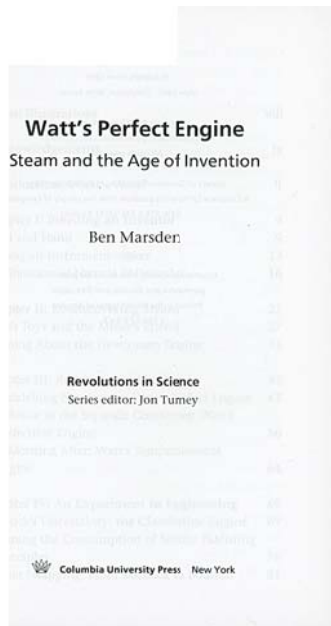
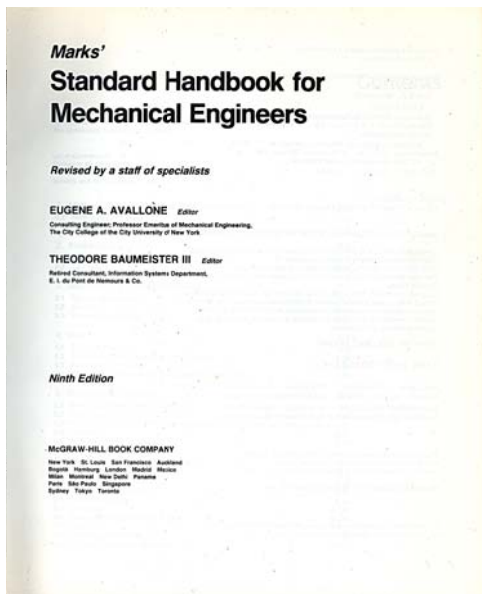






MY LIFE

BY
SIR HIRAM S. MAXIM
CHRYSLER OF THE LEGION OF HONOR

METHUEN & CO. LTD.
36 ESSEX STREET W.C.
LONDON

A MOST UNIQUE MACHINE

*The Michigan Origins
of the American Automobile Industry*

by
GEORGE S. MAY

WILLIAM B. EERDMANS PUBLISHING COMPANY

Steam Car Control Analysis

E.A. Mayer
G.W. Hurlong, Jr.

The Bendix Corporation
Research Laboratories
Southfield, Michigan

Final Report
July 1972

Prepared for
Stearns Engine Systems Corporation
Watertown, Massachusetts

STEAMING UP!

The autobiography of
SAMUEL M. VAUCLAIN
with
EARL CHAPIN MAY

Golden West Books
San Marino, California

HEAT TRANSMISSION

WILLIAM H. MCADAMS
*Professor of Chemical Engineering
Massachusetts Institute of Technology*

Sponsored by the
Committee on Heat Transmission
National Research Council

THIRD EDITION

McGRAW-HILL BOOK COMPANY, INC.
NEW YORK TORONTO LONDON
1954

BLOOD BROTHERS

*Hiram and Hudson Maxim:
Pioneers of Modern Warfare*

Iain McCallum

CHATHAM PUBLISHING
LONDON

Steam Distribution Systems Deskbook

by
James F. McCauley, P.E.

Published by
THE FAIRMONT PRESS, INC.
700 Indian Trail
Lilburn, GA 30047



Rail, Steam, and Speed

The "Rocket" and the Birth
of Steam Locomotion

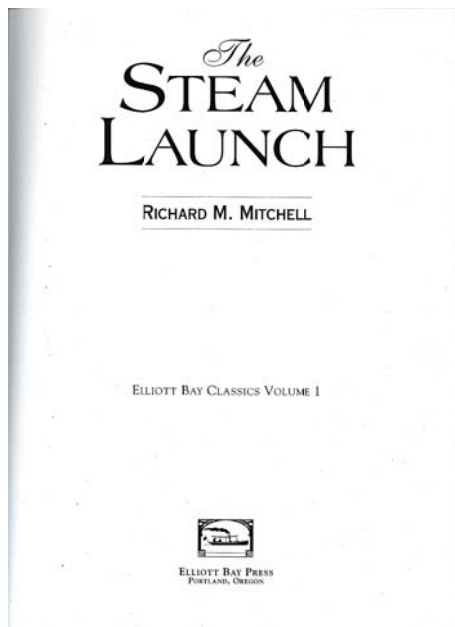
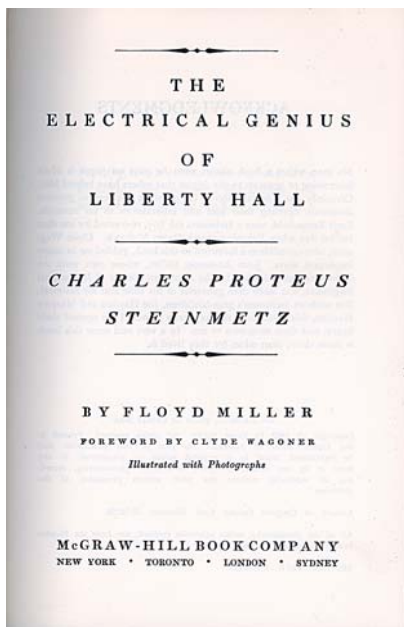
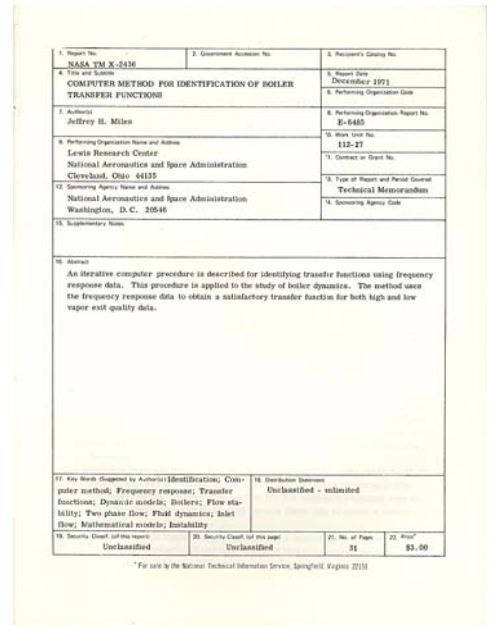
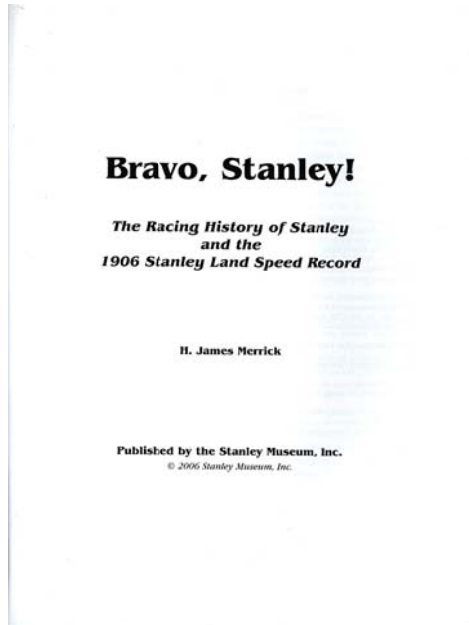
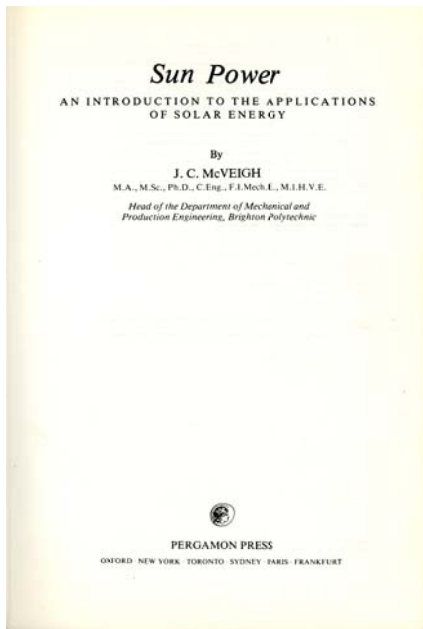
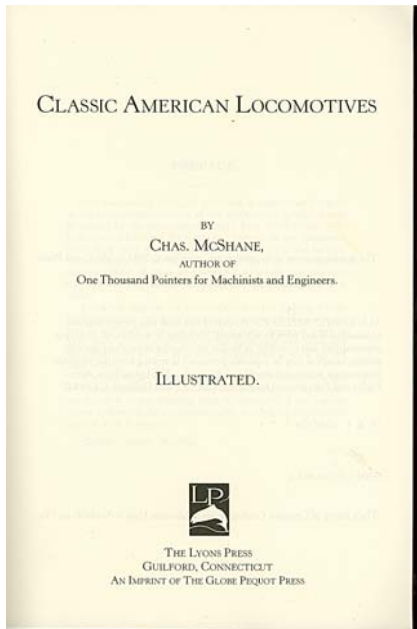
CHRISTOPHER MCGOWAN

COLUMBIA UNIVERSITY PRESS NEW YORK

STEAM VALVE GEARS of FARM ENGINES

Compiled by:
FRANK L. MCGUFFIN
(Fitz Lee)

Published 1963 by
IRON-PAVILION
Enola, Pa.



Steam Cars 1770-1970

by
LORD MONTAGU OF BEAULIEU
and
ANTHONY BIRD

St. Martin's Press
New York

the MAINE TWO-FOOTERS

The story of the two-foot gauge
railroads of Maine



by LINWOOD W. MOODY

HOWELL-NORTH
Berkeley, California
1959

Report No. TE4121-133-70

Report No. TE4121-133-70

CONCEPTUAL DESIGN
RANKINE-CYCLE POWER SYSTEM
WITH ORGANIC WORKING FLUID AND
RECIPROCATING ENGINE
FOR PASSENGER VEHICLES

by
Dean T. Morgan and Robert J. Raymond

Thermo Electron Corporation
Research and Development Center
101 First Avenue
Waltham, Massachusetts 02154

June, 1970

Prepared for
Division of Motor Vehicle Research and Development
National Air Pollution Control Administration
Public Health Service
Department of Health, Education and Welfare
Ann Arbor, Michigan 48104

Contract No. CPA 22-69-132

HIGH TEMPERATURE HEAT EXCHANGERS

Edited by
Yasuo Mori
The University of Electro-Communications, Tokyo, Japan

A. E. Sheindlin
Institute for High Temperatures,
Academy of Sciences, Moscow, USSR

Naim Afgan
International Centre for Heat and Mass Transfer,
Belgrade, Yugoslavia

HEMISPHERE PUBLISHING CORPORATION
A subsidiary of Harper & Row, Publishers, Inc.
Washington New York London

DISTRIBUTION OUTSIDE NORTH AMERICA
SPRINGER-VERLAG
Berlin Heidelberg New York Tokyo

OLIVER EVANS: AMERICA'S FIRST
AUTOMOBILE MAKER AND DRIVER:

Born in Newport, Delaware

in

1755

By

Carl Walter Mortenson

Copyright © 1984, C. W. Mortenson, Newark, Delaware
All Rights Reserved
FIRST EDITION

BREAKING GRIDLOCK

Moving Toward Transportation
That Works

JIM MOTAVALLI

Sierra Club Books
San Francisco

HEAT AND ITS WORKINGS

BY
MORTON MOTT-SMITH, Ph.D.
AUTHOR OF "THE MECHANICAL WORLD"



ILLUSTRATED

D. APPLETON AND COMPANY
NEW YORK 1933 LONDON

Alex Moulton A LIFETIME IN ENGINEERING

An Interview
with
Alex Moulton and John Pinkerton

LIT

ALEX MOULTON
From Bristol to Bradford-on-Avon
- a lifetime in engineering

Alex Moulton

THE ROLLS-ROYCE HERITAGE TRUST

ELEMENTS OF ENGINEERING THERMODYNAMICS

BY
JAMES A. MOYER
*Director of the Massachusetts Department of University Education
formerly Professor of Mechanical Engineering in the
Pennsylvania State College*

JAMES P. CALDERWOOD
*Professor and Head of the Department of Mechanical
Engineering in the Kansas State
Agricultural College*

ANDREW A. POTTER
*Dean of the Schools of Engineering and Director
of the Engineering Experiment Station at
Purdue University*

FOURTH EDITION, REVISED
SECOND PRINTING, CORRECTED

NEW YORK
JOHN WILEY & SONS, Inc.
LONDON: CHAPMAN & HALL, Limited
1931

OIL FUELS AND BURNERS

*With Special Reference to Automatic
Domestic Types*

BY
JAMES A. MOYER
*Mem. A.S.M.E.; Mem. S.A.E.; Mem. A.I.E.E.; F.R.S.A.;
Magdalen V. & L.; State Director of University
Extension in Massachusetts*

FIRST EDITION
SECOND IMPRESSION

DISCARD

POWER PLANT TESTING

*A Manual of Testing Steam Generating Equip-
ment, Engines, Turbines, Pumps, Refrigerating
Machinery, Fans, Fuels, Lubricants, Etc.*

BY
JAMES AMBROSE MOYER, S.B., A.M.
*Member of the American Society of Mechanical Engineers, Member of American Insti-
tute of Electrical Engineers, Mitglied des Vereins Deutscher Ingenieure, Member
Vereinigung Internationaler der Physik, Member of the Franklin Insti-
tute, Royal Society of Arts, Society of Automotive Engineers, etc.*
*Director of University Extension, Commonwealth of Massachusetts, formerly Pro-
fessor of Mechanical Engineering in University of Michigan and Pennsylvania
State College in Charge of Pennsylvania Engineering Experiment Station,
and Engineer, Steam Turbine Department, General Electric Com-
pany, and Westinghouse, Church, Kerr & Company*

FOURTH EDITION
FOURTEENTH IMPRESSION
REPRINTED, ENLARGED

McGRAW-HILL BOOK COMPANY, Inc.
NEW YORK AND LONDON
1924

STEAM TURBINES

A PRACTICAL AND THEORETICAL
TREATISE FOR ENGINEERS
AND STUDENTS
INCLUDING A DISCUSSION OF MERCURY
AND GAS TURBINES

BY
JAMES AMBROSE MOYER, S.B., A.M.
*Member of the American Society of Mechanical Engineers, Fellow Royal Society
of Arts, Mitglied des Vereins deutscher Ingenieure, Member Franklin
Association Internationale de Physique, Member of the Franklin
Institute, American Institute of Electrical Engineers, etc.*
*Director of the Massachusetts Department of University Extension,
formerly Professor of Mechanical Engineering in the Penn-
sylvania State College, Engineer, Westinghouse, Church,
Kerr & Co., and Steam Turbine Department,
General Electric Company.*

FIFTH EDITION, REVISED AND ENLARGED

NEW YORK
JOHN WILEY & SONS, Inc.
LONDON: CHAPMAN & HALL, Limited
1924

Upper Mississippi River Rafting Steamboats

EDWARD A. MUELLER

OHIO UNIVERSITY PRESS
ATHENS

THE NAIRN WAY *Desert Bus to Baghdad*



by
JOHN M. MUNRO
with illustrations by Penny Williams

CARAVAN BOOKS
Delmar, New York



APPLICABILITY OF FLUIDIC CONTROLS TO A
RANKINE-CYCLE AUTOMOTIVE ENGINE
FINAL REPORT
FOR
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
Research Grant No. NSR 05-017-023

By
R. Ian Murray
Stein Weissberger
Eugene J. Fisher
December 1970

ACKNOWLEDGMENT: The authors wish to acknowledge the
valuable assistance in this study of two of their former
students: Dennis A. Gamlen and Richard R. Testwuide.



SCHOOL OF ENGINEERING
ENGINEERING AND APPLIED SCIENCE RESEARCH
UNIVERSITY OF SANTA CLARA
SANTA CLARA, CALIFORNIA AREA CODE 408-246-3200

NASA TM X-1615

AERODYNAMIC PERFORMANCE OF A 4.59-INCH MODIFIED
RADIAL-INFLOW TURBINE FOR A SINGLE-SHAFT
BRAYTON CYCLE SPACE POWER SYSTEM

By Charles A. Wasserbauer and Milton G. Kofskey
Lewis Research Center
Cleveland, Ohio

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

For sale by the Clearinghouse for Federal Scientific and Technical Information
Springfield, Virginia 22151 - CF371 price \$3.00

NASA SP-360

FORCED-FLOW ONCE-THROUGH BOILERS

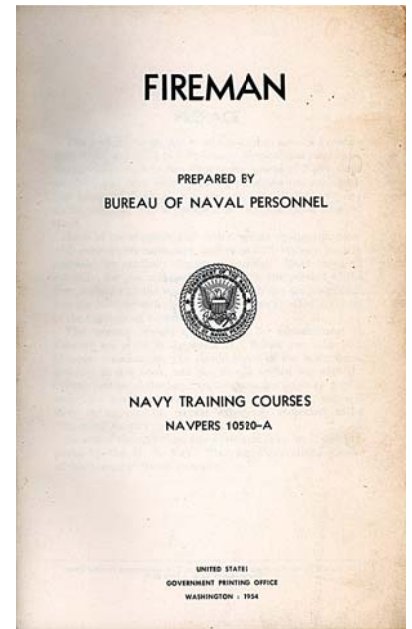
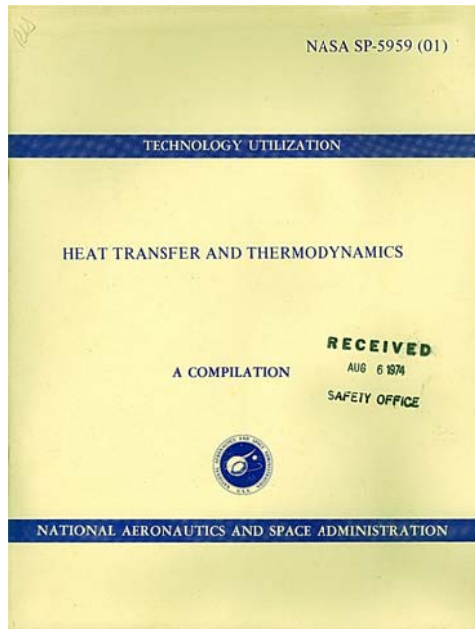
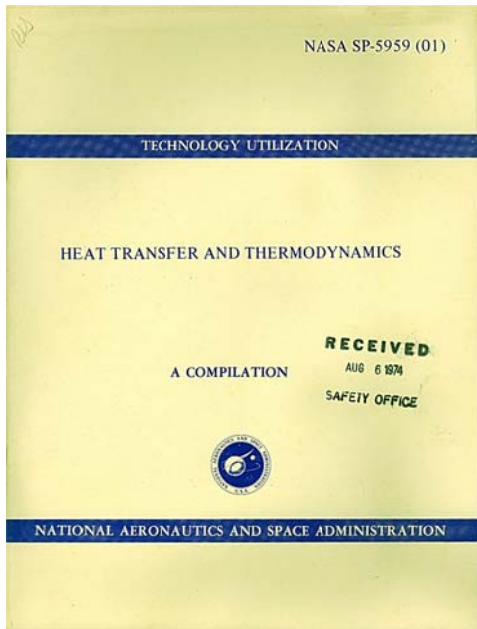
NASA RESEARCH

James R. Stone, Vernon H. Gray, and Orlando A. Gutierrez
Lewis Research Center

Prepared at Lewis Research Center



Scientific and Technical Information Office
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
Washington, D.C.



UNITED STATES NAVY DEPARTMENT
BUREAU OF NAVIGATION
NAVY TRAINING COURSES

INSTRUCTIONS FOR USE IN PREPARATION
FOR THE RATING OF

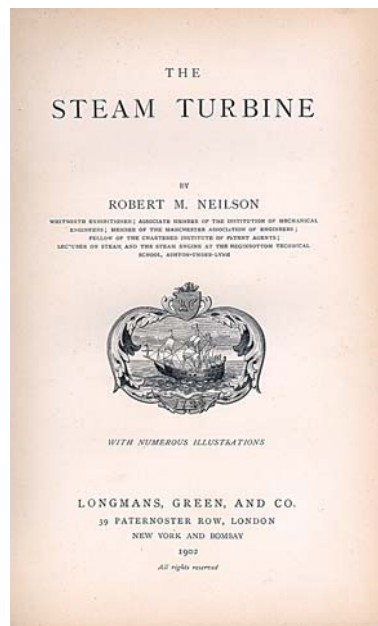
**FIREMAN 2c and
FIREMAN 1c**

*A course in fifteen Assignments
prepared under the supervision
of the Bureau of Navigation*

Edition of 1939



UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON : 1939

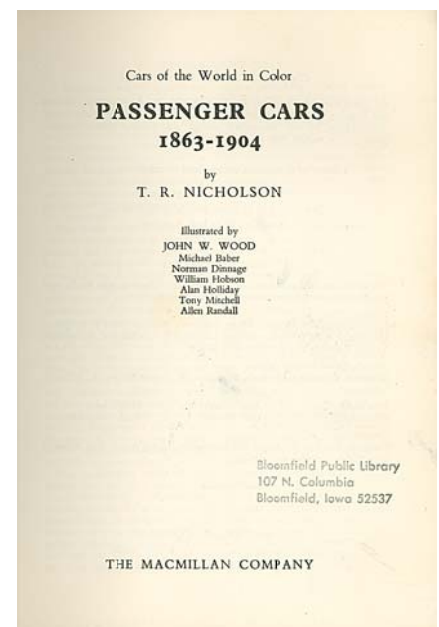
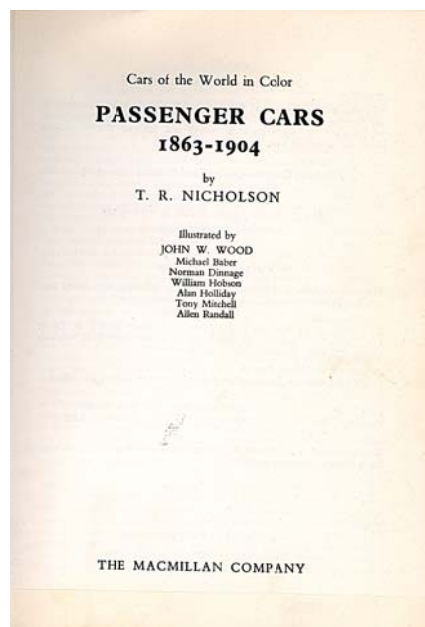
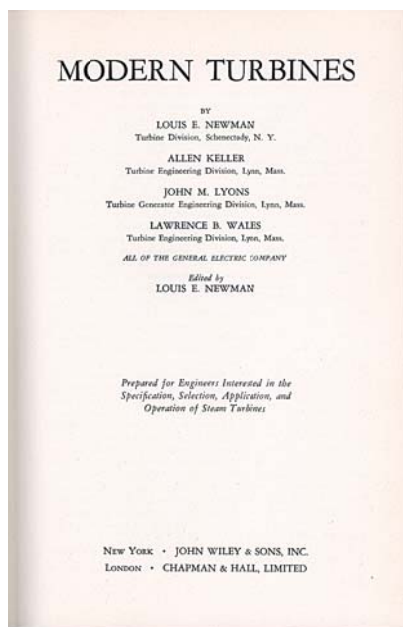


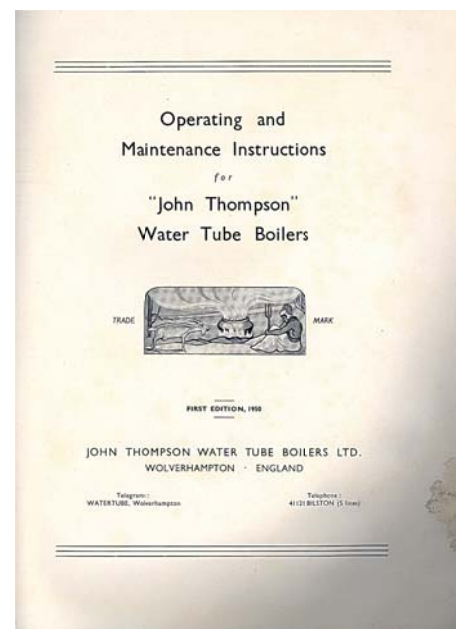
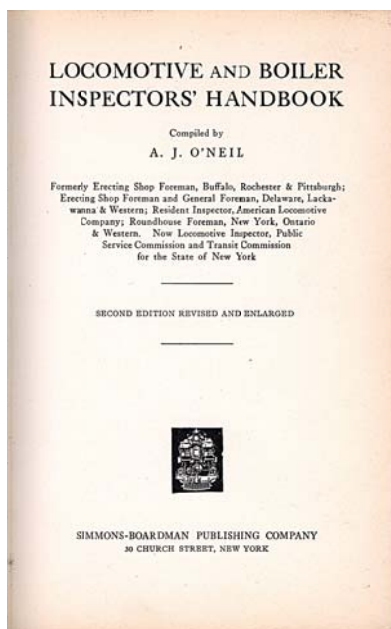
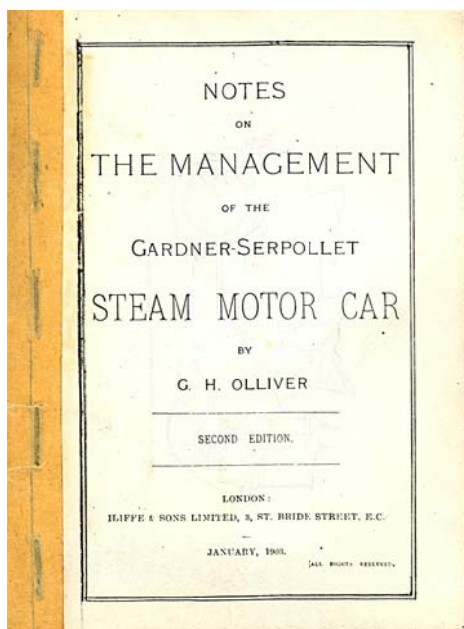
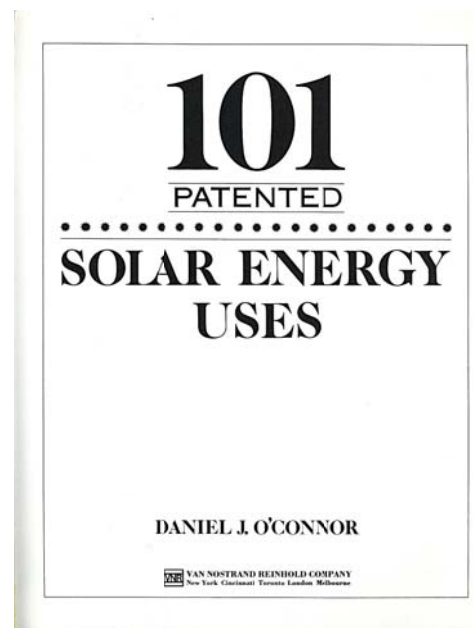
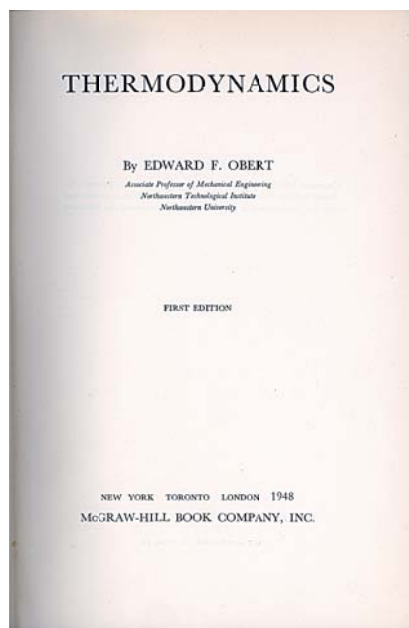
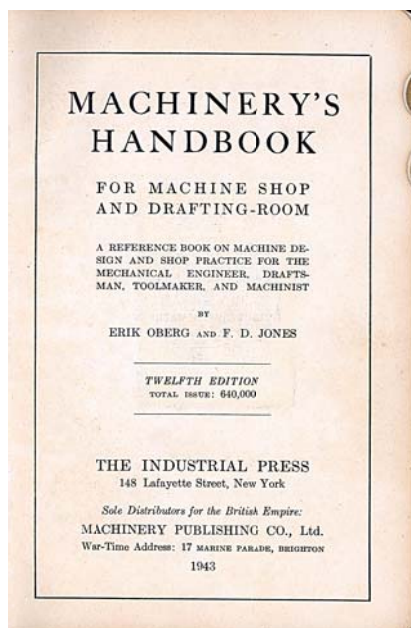
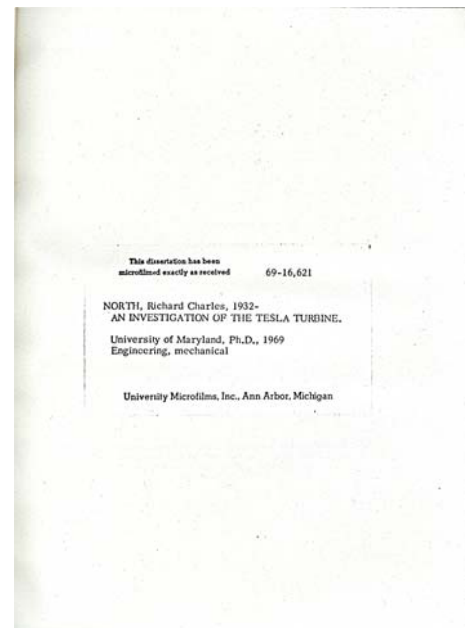
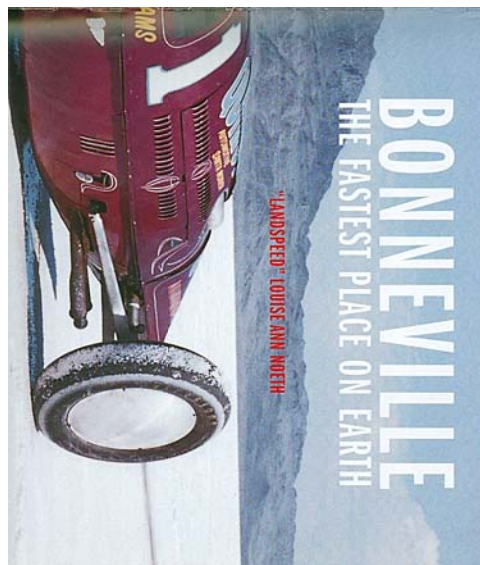
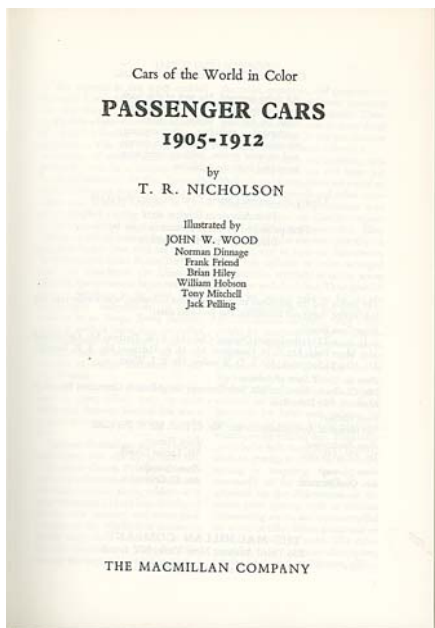
**INGENIOUS MECHANISMS
FOR DESIGNERS AND INVENTORS
VOLUME IV**

*Mechanisms and Mechanical Movements Selected
from Automatic Machines and Various Other Forms
of Mechanical Apparatus as Outstanding Examples
of Ingenious Design Embodying Ideas or Principles
Applicable in Designing Machines or Devices Re-
quiring Automatic Features or Mechanical Control*

Edited by
JOHN A. NEWELL
and
HOLBROOK L. HORTON

INDUSTRIAL PRESS INC.
200 MADISON AVENUE, NEW YORK 10016





MODERN MARINE ENGINEER'S MANUAL

VOLUME I

Editor-in-Chief
ALAN OSBOURNE
U. S. Maritime Commission

CONTRIBUTING EDITORS

L. C. HOFFMANN	OTIS W. PAGE
ALVIN C. PURDY	A. S. THAELE
D. C. MACMILLAN	W. W. BAXTER
W. H. ROBINSON	F. M. CORNELL
W. J. EDDINGTON	G. A. MATTUCCI
L. E. CAPLAN	W. E. HAMMOND
FRANK PAGE	H. W. PARSONS
PIERRE L. GARDOL	H. A. HASSAN
A. WARD WOOD	H. JOHN CAMPBELL

CORNELL MARITIME PRESS
NEW YORK • 1945

MODERN MARINE ENGINEER'S MANUAL

VOLUME II

Editor-in-Chief
ALAN OSBOURNE
U. S. Maritime Commission

CONTRIBUTING EDITORS

JOHN H. CLARKE	JOHN W. MARKERT
J. F. HECKING	FRANK C. MESSAROS
P. DE W. SMITH	EARL S. SHULTERS
KENNETH H. MARTIN	W. H. ROBINSON

CORNELL MARITIME PRESS
NEW YORK • 1944

MODERN MARINE ENGINEER'S MANUAL

VOLUME II

Editor-in-Chief
ALAN OSBOURNE
U. S. Maritime Commission

CONTRIBUTING EDITORS

JOHN H. CLARKE	JOHN W. MARKERT
J. F. HECKING	FRANK C. MESSAROS
P. DE W. SMITH	EARL S. SHULTERS
KENNETH H. MARTIN	W. H. ROBINSON

CORNELL MARITIME PRESS
NEW YORK • 1944

MODERN MARINE ENGINEER'S MANUAL

VOLUME II

Editor-in-Chief
ALAN OSBOURNE
U. S. Maritime Commission

CONTRIBUTING EDITORS

JOHN H. CLARKE	JOHN W. MARKERT
J. F. HECKING	FRANK C. MESSAROS
P. DE W. SMITH	EARL S. SHULTERS
KENNETH H. MARTIN	W. H. ROBINSON

CORNELL MARITIME PRESS
CAMBRIDGE, MARYLAND