

**THE ART OF
MANUFACTURING SOAP AND
CANDLES INCLUDING THE
MOST RECENT DISCOVERIES**

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649027071

The Art of Manufacturing Soap and Candles Including the Most Recent Discoveries by Adolph Ott

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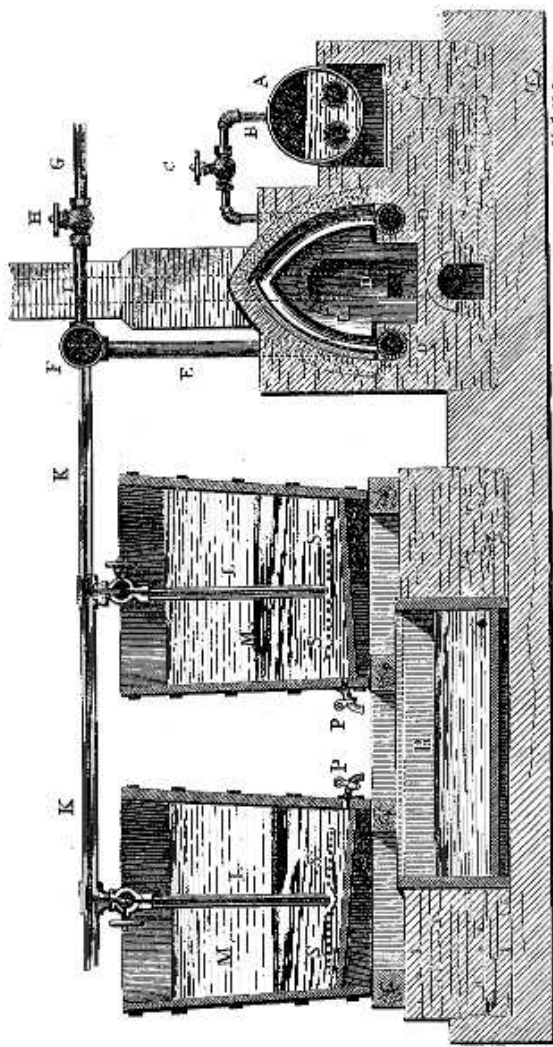
Edited by Trieste Publishing Pty Ltd.
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ADOLPH OTT

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CANDLES INCLUDING THE
MOST RECENT DISCOVERIES**



HUBERT'S APPARATUS FOR BOILING SOAP.

H. G. Hubert

THE
ART OF MANUFACTURING
SOAP AND CANDLES,
INCLUDING THE MOST RECENT DISCOVERIES,
EXTRACTING
ALL KINDS OF ORDINARY HARD, SOFT, AND TOILET SOAPS, ESPECIALLY
THOSE MADE BY THE COLD PROCESS,
THE MODES OF DETECTING FRAUDS,
AND THE MAKING OF
TALLOW AND COMPOSITE CANDLES.

By ADOLPH OTT, Ph.D.,
PRACTICAL AND ANALYTICAL CHEMIST.

PHILADELPHIA:
LINDSAY & BLAKISTON.
1867.

Entered according to Act of Congress, in the year 1867,

By LINDSAY & BLACKSTON,

In the Clerk's Office of the District Court of the United States for the
Eastern District of Pennsylvania.

SHERMAN & CO., PRINTERS.

TO

P. H. VAN DER WEYDE, M.D.,

LATE PROFESSOR OF THE NATURAL SCIENCES AND HIGHER MATHEMATICS IN THE COOPER
UNION; OF CHEMISTRY AND TOXICOLOGY AT THE NEW YORK MEDICAL
COLLEGE; AND OF THE INDUSTRIAL SCIENCES IN THE
GIRARD COLLEGE, PHILADELPHIA,

THIS WORK

IS DEDICATED,

WITH THE ESTEEM AND SINCERE REGARD OF

THE AUTHOR.

P R E F A C E.

In preparing this work, it was not my intention to publish a mere collection of the rich and scattered materials, which literature has furnished on the subject treated (however acceptable it might have been in itself), but to give a clear and concise account of the art of soap and candle making as is now practised. And as my principal design has been to render this volume practical in its character, I have not confined my remarks simply to the manufacture of these articles, but added appropriate illustrations and critical explanations of the various manipulations and mechanical arrangements by which they are effected, thus compiling, instead of a dry compendium of facts, a condensed narrative, both instructive and interesting to the reader, in which are, moreover, introduced matter never previously published.

In the execution of my task, I have derived occasional advantage by the perusal, and made abbre-

viated quotations from the writings of able and established authors.

With the exception of a few cuts relating to the manufacture of candles, borrowed from "Bolley's Beleuchtungswesen," Part I, all the cuts are original, and prepared by the skilful and artistic draughtsman, Mr. Hubert, of New York.

For a more comprehensive collection of formulæ for perfuming soaps, I must refer the reader to Piesse on the "Art and Manufacture of Perfumery," a work recently issued by Messrs. Lindsay & Blakiston, of Philadelphia.

ADOLPH OTT.

NEW YORK, May 1, 1867.