

**THE ARTIST AND
TRADESMAN'S
COMPANION**

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649120864

The artist and tradesman's companion by M. Lafayette Byrn

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

M. LAFAYETTE BYRN

**THE ARTIST AND
TRADESMAN'S
COMPANION**

PLATE I

Fig 1

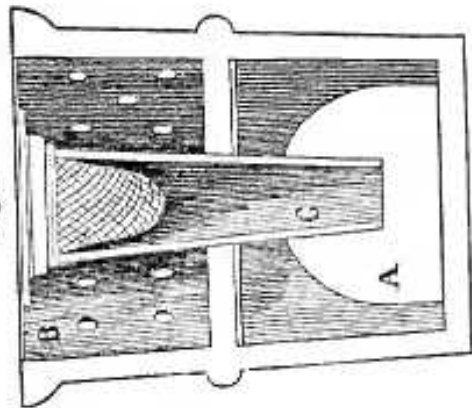
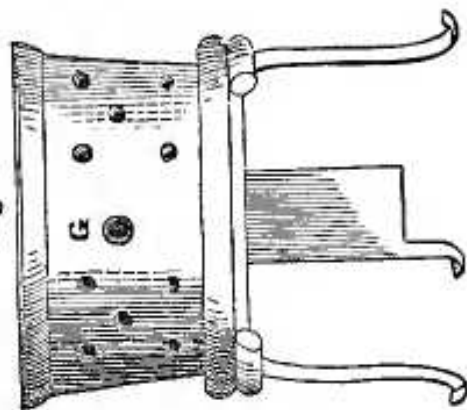


Fig 2



Fig 3

Fig 4



Furnace, &c., for the Liquefaction of Copal and Amber.

THE
ARTIST AND TRADESMAN'S
COMPANION;

EMBRACING THE MANUFACTURE AND THE APPLICATION OF VARNISHES
TO PAINTING AND OTHER BRANCHES OF THE ARTS; INSTRUCTIONS
FOR WORKING ENAMEL, FOIL, ETC.; THE ART OF GLAZING,
IMITATION OF GOLD COLOR, TORTOISE-SHELL, MARBLE, AND
ART OF STAINING WOOD AND METAL; IMITATION OF
FANCY WOODS, GRANITE, PRECIOUS STONES, SIL-
VER, BRASS AND COPPER; HOUSE-PAINTING,
CARRIAGE-PAINTING, ETC., WITH EVE
RYTHING RELATING TO THE FINE
ARTS, ETC. ETC., ENTIRELY
SIMPLIFIED.

With Illustrations.

COMPILED BY M. LAFAYETTE BYRN, M. D.

GRADUATE OF THE UNIVERSITY OF THE CITY OF NEW YORK.

Author of "The Complete Practical Brewer," "Detection of Fraud and
Protection of Health," "The Complete Practical
Distiller," &c. &c.

PHILADELPHIA:
J. B. LIPPINCOTT & CO.
1866.

Express, according to Act of Congress, in the Year One Thousand
Eight Hundred and Fifty-three, by STEARNS & COMPANY, in
the Clerk's Office of the District Court of the United States, for
the Southern District of New York.

P R E F A C E.

This little work has been prepared with great care, for the purpose of making it practically useful to a large class of persons engaged almost entirely in pursuits of this nature, and also to aid any and every one in performing such duties in the arts as will usually be needed, where an experienced artist cannot be found; as is the case very often in that portion of this country, where the arts and sciences have not made such progress as we witness in the older settled parts, as the eastern and middle states.

Everything has been so simplified, that a boy fifteen years old can perform nearly all the operations in a short time, by a little care and attention, with credit to himself and at a comparative small outlay of means. It is hoped that the effort made to render

this book of great service to every practical man throughout this country, will prove successful; if so, the grand object in its preparation will have been attained.

All the works on this subject have been made use of attainable, and the matter has been appropriated to the best purpose in the present volume.

M. L. B.

CONTENTS.

	PAGE.
THE MANUFACTURE OF VARNISH on a large scale	15
OF AN ALENBIC, OR STILL, suitable for the manufacture of Varnish.....	32
To make Red Sealing Wax.....	41
To make Black Sealing Wax.....	41
To make Artificial Venice Turpentine.....	42
To make French Polish.....	44
To make Artificial Asphaltum.....	45
To make Black Varnish of Silhet.....	45
To make Varnish of Caoutchouc.....	45
To make Varnish for Balloons.....	46
Caoutchouc Varnish, with Naphtha.....	46
To make Brunswick Black.....	47
To make Black Japan Varnish.....	47
To make White Hard Varnish.....	47
To make Sheldrake's Copal Varnish.....	48
To make Shellac Varnish.....	48
DIVISION OF VARNISHES into Five Classes, with In- structions for Preparing them, &c.....	49
Class First.—Varnishes possessing a Drying Quality, made with Rectified Spirit of Wine....	49

	PAGE.
Class Second.—Varnishes which, though Spirituous, are less Drying than Class First.....	51
Class Third of Varnishes.....	57
Class Fourth.—Varnishes of Copal, made with Ether and Oil of Turpentine.....	64
DESCRIPTION OF A FURNACE, intended for the Liquefaction of Copal and Amber.....	68
Class Fifth of Varnishes.....	72
OF THE VARIOUS COLORED VARNISHES, with Instructions for Preparing them.—Glazing on Metallic or other substances.—Preparation of Foils, &c.....	77
Transparent Green.....	77
Another Green Color.....	77
Another Green Color, by Composition.....	77
Blue Color.....	78
Superb Liquid Blue.....	78
Yellow.....	80
Dark Red.....	80
Violet.....	80
OBSERVATIONS ON THE APPLICATION OF COPAL VARNISH, for Repairing Opaque Enamel.....	82
White, Black, Yellow.....	84
Blue, Green, Red, Purple, Brick-Red, Buff-Color, Violet, Pearl Gray.....	85
Preparation of Foil.....	86
Blue Color.....	88
Green.....	88
Red.....	88
Lilac.....	90
Ruby Color.....	90
Rose Color.....	90