MILITARY PYROTECHNICS. THE HISTORY AND DEVELOPMENT OF MILITARY PYROTECHNICS. VOL. I

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HENRY B. FABER

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MILITARY PYROTECHNICS

THE HISTORY AND DEVELOPMENT OF MILITARY PYROTECHNICS

BY

HENRY B. FABER

DEAN OF THE PYROTECHNIC SCHOOLS ORDNANCE DEPARTMENT U. S. A.

ILLUSTRATED

WITH AN HISTORICAL INTRODUCTION

BY

MARVIN DANA

IN THREE VOLUMES
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The Artificers (from an old French wood-cut).

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TABLE OF CONTENTS.

		- 22
Pre	face	
		KRAL SURVEY
5.77	Chapter	
	Chapter	
67	Chapter	1 H 1 TAN - PANTA CONTRACTOR OF THE STANTANCE OF THE STAN
<u> </u>	Chapter	
	Chapter	그들은 맛이 이 집중에 하지 않는 것이 하면 이 아래는 아이를 가게 되었다면 가지 않는데 하지만 하지만 하지만 하지만 하지만 하지만 하지만 하지만 하다.
	Chapter	아니아 가는 사람들은 아니는 아니아 나는 사람들은 사람들이 되었다면 하는데
	Chapter	VII. Fire mirrors
-	Chapter	VIII. Rockets
	Chapter	IX, Curious war devices
20	Chapter	X. Naval devices
g: 1	Chapter	XI. Various details
PAR	r II. Dr	TAILS OF MANUFACTURE
	Chapter	I. Introductory
	Chapter	II, Materiuls
	Chapter	III. The making of rockets
100	Chapter	
W S	Chapter	그리아 그리아 가지 않는 아이트 그리아 그리아 그리아 아이를 하지 않는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하
III 12	Chapter	VI. Fixed fires
	Chapter	그는 내 전에 없는 것이 되었는데, 살아보고 하고 하고 하고 있다면 내가 하면 내가 되었다면 하고 있다면 하는데
PAR	T III. M	odern Methode
	Chapter	그 하고 있다. 그는 사람이 바다 아니라 하면 가게 되었다면 하는데
	Chapter	II. Color formulas
	Chapter	
	Chapter	
	Chapter	V. Aërial fireworks
	Chapter	: 전 (스 프랑스) 이 프라이어 아이트 아이트 아이트 이 프로그램 (Control of Control of Con
	Chapter	VII. Pyrotechny in the World War
App	endix A.	Ordnance Manual of 1849
App	endix B,	Ordnance Manual of 1861
App	endix C.	Italian types
App	endix D.	Additional formulas
		Miscellany

LIST OF ILLUSTRATIONS.

Plate I. The Artificers (from an old French wood-cut)Front
Table of powder tests	
Plate II	
Formulas for Chinese flowers	
Plate III	*******
Plate IV	
Plate V	
Plate VI	
Plate VII	
Plate VIII	
Plate IX	
Plato X	
Plate XI	
Plate XII	
(1) 1 (1) 1	

INTRODUCTION.

This publication has been prepared under the direction of the Ordnance Department to be used as a basis for the instruction of officers and civilians in the art of manufacturing military pyrotechnics.

Such a publication was found necessary, due to the lack of any written information on the subject and the inability to

secure men trained in the art.

These volumes—Volume I, History and Development of Pyrotechnics; Volume II, Manufacture of Pyrotechnics; and Volume III, A Study of the Chemicals Used in the Manufacture of Pyrotechnics—were compiled under the direction of Henry B. Faber, dean of the pyrotechnic schools established during the World War, with an historical introduction by Marvin Dana. Acknowledgment is made to the various ordnance officers and civilians, teachers and students of the Pyrotechnic School, as well as the manufacture of pyrotechnics, all of whom contributed to a greater or less degree in the furnishing of the necessary information and scientific data on which these works are based.