THE STEAM ENGINE: ITS ORIGIN AND GRADUAL IMPROVEMENT, FROM THE TIME OF HERO TO THE PRESENT DAY; AS ADAPTED TO MANUFACTURES, LOCOMOTION AND NAVIGATION

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649711987

The Steam Engine: Its Origin and Gradual Improvement, From the Time of Hero to the Present Day; As Adapted to Manufactures, Locomotion and Navigation by P. R. Hodge

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P. R. HODGE

THE STEAM ENGINE: ITS ORIGIN AND GRADUAL IMPROVEMENT, FROM THE TIME OF HERO TO THE PRESENT DAY; AS ADAPTED TO MANUFACTURES, LOCOMOTION AND NAVIGATION

Trieste

Dedicated

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TO

THE MECHANICS OF THE UNITED STATES OF AMERICA,

BY THE AUTHOR,

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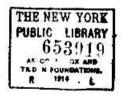
BY P. R. HODGE, C. E.

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1840. MA



Entered, according to Act of Congress, in the year 1840, BY D. APPLATON & Co. In the Clerk's Office for the Southern District of New-York.

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INTRODUCTION.

To supply the Mechanic with a concise history of the invention and subsequent improvements of the Steam Engine, from the earliest period to the present time, together with such practical rules and explanations as would enable him to design and construct a machine of any required power, and of the most improved form, for whatever purpose desired, has been the main object of the Author of this volume.

For the purpose of rendering the reference from the letterpress to the plates as convenient as possible, it was deemed advisable to have the engravings in a separate volume, thereby enabling the author to have them of such a size as would be practically useful to the workman, instead of being merely illustrations of the letter-press.

The plates being all drawn to certain scales, the dimensions of every part may be taken and machines built from any of the designs.

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INTRODUCTION.

The various engines have been selected as being the most improved of their respective classes, and with four exceptions only, are all of American construction and arrangement; thus exhibiting, for the first time, the rapid march of improvement which this enterprising country has taken during the last few years in the science of engineering.

How far the Author may have succeeded in his endeavours to supply this desideratum—" A practical work on the Steam Engine"—is a question to be decided by the intelligent and and enlightened citizens of the United States.

NEW-YORK, OCT. 1840.

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