

# **THE LAWS OF GASES: MEMOIRS**

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The Laws of Gases: Memoirs by Robert Boyle & E. H. Amagat & Carl Barus

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**ROBERT BOYLE & E. H. AMAGAT & CARL BARUS**

# **THE LAWS OF GASES: MEMOIRS**



# THE LAWS OF GASES

MEMOIRS BY ROBERT BOYLE AND  
E. H. AMAGAT

TRANSLATED AND EDITED BY

CARL BARUS

PROFESSOR OF PHYSICS IN BROWN UNIVERSITY



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1899

HARPER'S SCIENTIFIC MEMOIRS.

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J. S. AMES, Ph.D.,

PROFESSOR OF PHYSICS IN JOHNS HOPKINS UNIVERSITY.

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## PREFACE

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OF course anybody may read the famous *Memoirs* of Amagat in the original; but everybody cannot so easily get these papers permanently into his possession. I believe, therefore, with the present translations to have scored a point in the interest of accessibility, and thus to have materially contributed to the advancement of science.

C. B.

BROWN UNIVERSITY, Providence, R. I.,  
March, 1869.



Figure 1

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A DEFENCE OF  
THE DOCTRINE TOUCHING THE SPRING  
AND WEIGHT OF THE AIR

Proposed by Mr. R. BOYLE in his *New Physico-Mechanical Experiments*,  
against the Objections of FRANCISCUS LINUS, wherewith the  
Objector's Funicular Hypothesis is also Examined

London, 1662