

AC901

P3

no. 0254

p###

National Library
of CanadaBibliothèque nationale
du Canada

PREFACE.

The following quotation from an eminent author is my apology for intruding myself upon the public :—

"It is the duty of every man to endeavor that something may be added, by his industry, to the hereditary aggregate of knowledge and happiness."

The favor and enquiry arising from the publication of the first edition of this little work was such as to encourage me to again appear before the public with a second edition, in which I have endeavored to correct some errors of the first, and to give my readers the benefit of my more mature experience. I make no pretensions to originality, but only seek to lay before the general public, in a simple manner, a few facts that have always been well known to the learned, and initiated in the matters of which I write. I am largely indebted to the columns of the "Metal Worker," and "Plumber and Sanitary Engineer," as well as to their talented editors personally, Messrs. Wingate and J. C. Bayles, for much of my information, the latter having given considerable personal attention to the publication of the first edition. To G. W. Weaver, J. C. Radford, James Lowe, and other practical and scientific workers in the cause of sanitary reform in our city, I am likewise under obligation for many favors and much useful information.

J. W. HUGHES.

THE

It is
to advo
posal of
but rat
public v
sympath
few hin
some m

Havin
siderabl
matters,
sanitary
well as
ing out
and the
laid bef
prised a
regards
nature t
every h
having s
I have f
understo
various
deal wen
rant of
observed
order to
mercy of
to carry
plan of
cial resu
obtained
lost.

It is w
have be
and shou
house in
was, I sh

It is r
to the q
but I sh
portion o
ings mo
subject.
our hous
tions of
into our
who has
condition
assertion