

ILLUSTRATED
SCIENTIFIC AMERICAN.

THE BEST MECHANICAL PAPER IN THE WORLD.

SEVENTEENTH YEAR.

VOLUME VI.—NEW SERIES.

A NEW volume of this widely-circulated paper commences on the first of January. It is published WEEKLY, and every number contains sixteen pages of useful information, and from five to ten original engravings of new inventions and discoveries, all of which are prepared expressly for its columns.

To the Mechanic and Manufacturer.

No person engaged in any of the mechanical or manufacturing pursuits should think of "doing without" the SCIENTIFIC AMERICAN. It costs but four cents per week; every number contains from six to ten engravings of new machines and inventions, which can not be found in any other publication. It is an established rule of the publishers to insert none but original engravings, and those of the first class in the art, drawn and engraved by experienced persons under their own supervision.

To the Inventor.

The SCIENTIFIC AMERICAN is indispensable to every inventor, as it not only contains illustrated descriptions of nearly all the best inventions as they come out, but each number contains an Official List of the claims of all the Patents issued from the United States Patent Office during the week previous; thus giving a correct history of the progress of inventions in this country. We are also receiving, every week, the best scientific journals of Great Britain, France, and Germany; thus placing in our possession all that is transpiring in mechanical science and art in these old countries. We shall continue to transfer to our columns copious extracts from these journals of whatever we may deem of interest to our readers.

Chemists, Architects, Millwrights, and Farmers.

The SCIENTIFIC AMERICAN will be found a most useful journal to them. All the new discoveries in the science of chemistry are given in its columns, and the interests of the architect and carpenter are not overlooked; all the new inventions and discoveries appertaining to these pursuits being published from week to week. Useful and practical information pertaining to the interests of millwrights and mill-owners will be found published in the SCIENTIFIC AMERICAN, which information they can not possibly obtain from any other source. Subjects in which planters and farmers are interested will be found discussed in the SCIENTIFIC AMERICAN; most of the improvements in agricultural implements being illustrated in its columns.

TERMS:

To mail subscribers: Two Dollars a year, or One Dollar for six months. One Dollar pays for one complete volume of 416 pages; two volumes comprise one year. The volumes commence on the first of January and July. Specimen copies will be sent gratis to any part of the country. Also a pamphlet of instruction to inventors about obtaining patents, sent free.

Western and Canadian money or Post-office stamps taken at par for subscriptions. Canadian subscribers will please to remit twenty-five cents extra on each year's subscription to prepay postage.

MUNN & CO.,

PUBLISHERS.

37 PARK ROW, N. Y.