abling students not only to design, but also to weave the same. There are now five looms, and Mr. Crompton, of Worcester, has recently kindly presented another. The designs shown from this branch are excellent, notwithstanding the difficulties with which the weavers have to contend.

It is hoped that before long a suitable building may be erected, sufficiently large to accommodate both departments. Should this hope be realized, a still greater success in the future of the school is assured.

Iron and Steel.

The progress in the iron and steel industries of this country, as shown by Mr. Swank's report to the Census Bureau, is such as to excite more than ordinary interest. Not only has the annual production nearly doubled since 1870, but the capital invested and number of hands employed have increased in nearly the same proportion. This branch of manufacture has been one of the first to feel the necessity of adopting more certain and accurate methods than those dependent on a rule of thumb, and to employ scientific men, many of whom are eminent in their professions; and its success seems to show that scientific knowledge is of practical value, and is appreciated by business men. A writer in the Boston Advertiser, reviewing Mr. Swank's "Report on the Production of Iron and Steel in the United States," says: "How far our technological schools have helped, and how far they compare on the whole with similar establishments in Europe, is somewhat a matter of speculation, — only this being certain: that the demand upon our best technological schools is constantly and increasingly in advance of the supply. A graduate who knows the science of iron and steel, and possesses ingenuity as well as a willingness to work, becomes at once an object of desire on the part of furnaces, bloomeries, puddling establishments, and steel works."

A large number of graduates of the Institute are now employed in the leading iron and steel establishments; and the constant and increasing demand for students of this and similar institutions seems to clearly show that they do exert an influence and are practically successful. In this branch of industry there seems to be abundant opportunity for our engineers and chemists to work up specialties; and with a constantly growing business, it is more than probable that by careful study and honest work, with a few years of practical experience, they will at last be able to command good salaries, if not to attain eminence in their profession.

The Title of a Great Work.

We take pleasure in giving publicity to the next great work of Gen. Daniel Pratt, the travelling encyclopedia and universal genius, the library of facts, the original oratorical author, the great favorite of the students of all the colleges, the greatest pedestrian in the world; been talked of for the mayorality, the governor, member of Congress, and the President of the United States for the last twenty years; the general of generalities, the harmonizer of the laws of the solar system, the only value of knowledge and wealth of the universe of worlds, non terra sed cosmos.

Following is a synopsis of the contents of the work: Mark the March of Intellectual Developments of Mind. — The Great American Travelling Luminary. — The Perpetual Repeating of Immutable Images. — The Medium Criterion of all Professions of Men. — One Thousand Billion Dollars Address. — The Sun the Saver of Savers of All the Properties of Life. — The Vocabulary Laboratory of the Universe of Ideas. — The City of Chelsea, Mass., the Medium of the Ingenuity of the World. — The Law of Necessity the Law of All Laws. — The Solar Systems are not One Thousand Millionth Part Developed; a Vast Field for the Observation, Investigation, and Reflection of the Students of all the Colleges in the World. By the Editor, Author, and Orator Daniel Pratt, the Great American Traveller, Boston.