

DEPARTMENT OF THE INTERIOR,
CENSUS OFFICE.

FRANCIS A. WALKER, Superintendent,
Appointed April 1, 1879; resigned November 3, 1881.

CHAS. W. SEATON, Superintendent,
Appointed November 4, 1881.

REPORT
ON THE
MANUFACTURES OF THE UNITED STATES
AT THE
TENTH CENSUS
(JUNE 1, 1880),
EMBRACING
GENERAL STATISTICS

AND MONOGRAPHS ON

POWER USED IN MANUFACTURES.
THE FACTORY SYSTEM.
INTERCHANGEABLE MECHANISM.
HARDWARE, CUTLERY, ETC.
IRON AND STEEL.

SILK MANUFACTURE.
COTTON MANUFACTURE.
WOOLEN MANUFACTURE.
CHEMICAL PRODUCTS AND SALT.
GLASS MANUFACTURE.

COMPILED AND PUBLISHED PURSUANT TO ACTS OF CONGRESS APPROVED MARCH 3, 1879, APRIL 20, 1880, AND AUGUST 7, 1882.



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LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
CENSUS OFFICE,
Washington, D. C., October 1, 1883.

HON. H. M. TELLER,
Secretary of the Interior.

SIR: I have the honor to transmit herewith the second volume of the final report upon the Tenth Census, viz, that comprising the general statistics of manufacturing industry, together with special reports on Power used in Manufactures, by Herman Hollerith; The Factory System, by Carroll D. Wright; Manufactures of Interchangeable Mechanism, by Charles H. Fitch; Hardware, Cutlery, and Edge-tools, by Charles H. Fitch; Iron and Steel Production, by James M. Swank; Silk Manufacture, by Wm. O. Wyckoff; Cotton Manufacture, by Edward Atkinson; Woolen Manufacture, by Geo. Wm. Bond; Chemical Products and Salt, by Wm. L. Rowland, and Glass Manufacture, by Jos. D. Weeks.

Especial acknowledgment is due to Frank R. Williams, who, as chief of the division of manufactures, has conducted, in a manner altogether admirable, the compilation of the general statistical tables.

I have the honor to be, very respectfully, your obedient servant,

O. W. SEATON,
Superintendent of Census.