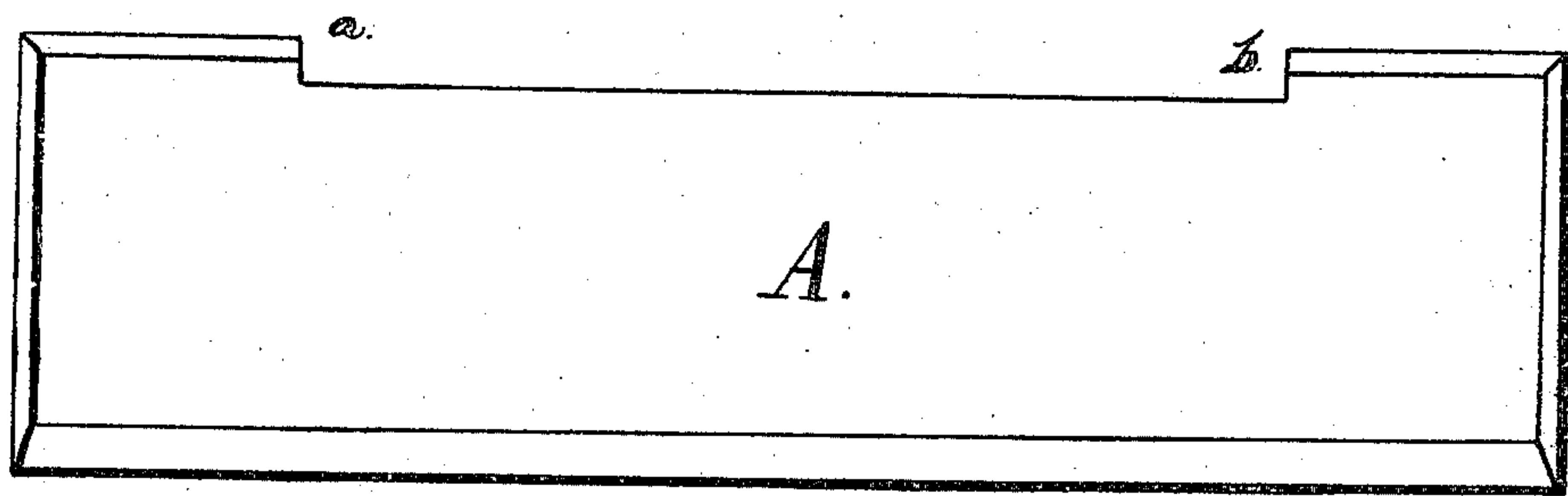
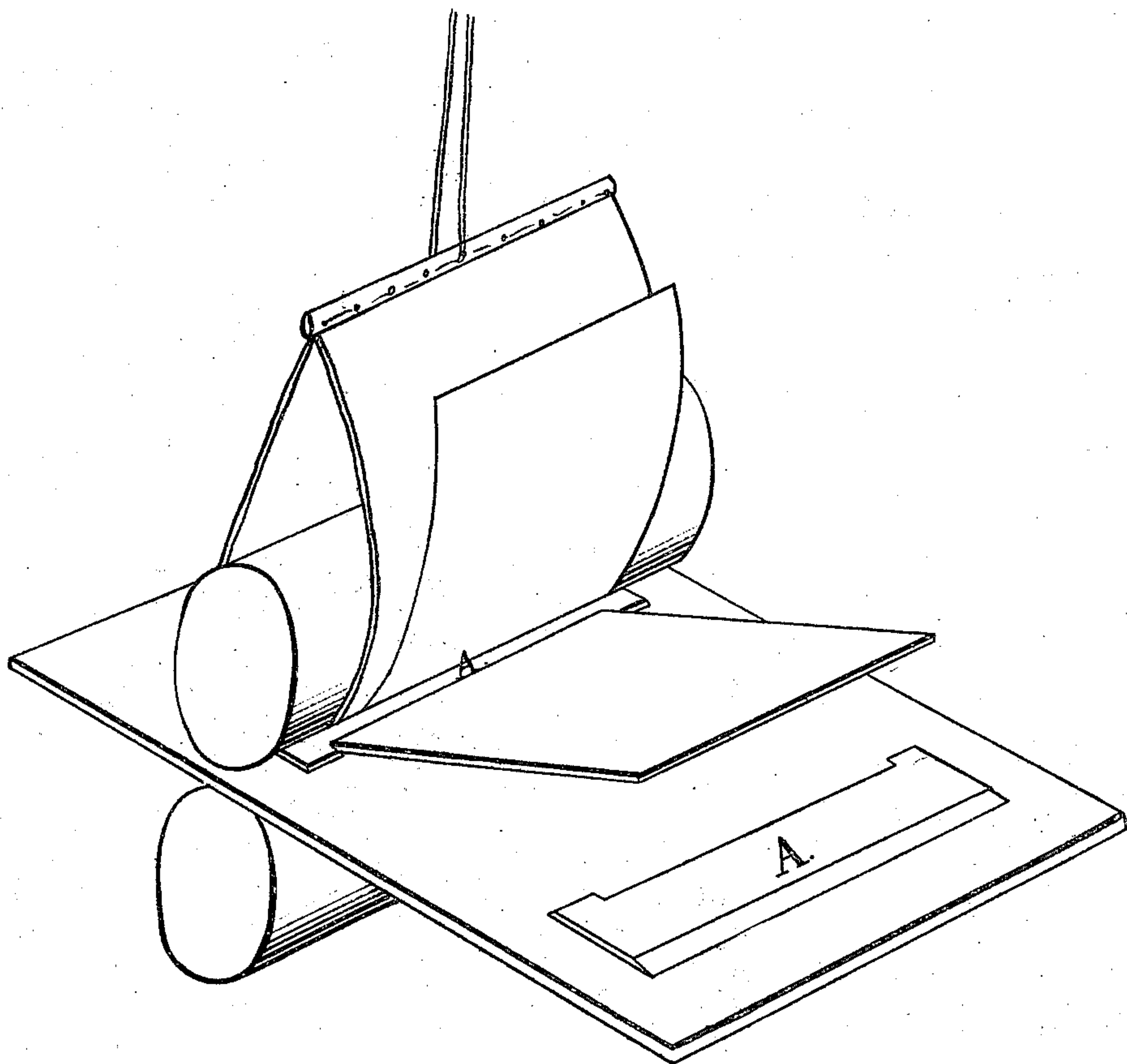


J. Enthoffer.
Plate Printing for Colors.
N^o 97,287. Patented Nov. 30. 1869.



Witnesses.
Adolf Cluss
J. T. Olmstead

Inventor.
Joseph Enthoffer

United States Patent Office.

JOSEPH ENTHOFFER, OF WASHINGTON, DISTRICT OF COLUMBIA.

Letters Patent No. 97,287, dated November 30, 1869.

IMPROVEMENT IN PLATE-PRINTING FOR COLORS.

The Schedule referred to in these Letters Patent and making part of the same

Be it known that I, JOSEPH ENTHOFFER, of Washington, District of Columbia, have invented a new and improved Mode of Printing Chromos from metallic plates of the plate-press; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in a new mode of printing chromos from metallic plates, by means of registers, and mode of holding the paper during the process of printing.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation with any kind of copper-plate presses.

I construct my registers of any kind of metal, the best being of the same kind as the engraved plates from which prints are to be taken.

Two registers are used, and both must be of identical gauge and thickness as the plates in question. They represent parts of a frame, and may sometimes be used in form of a whole frame. The object of this is to cause the successive plates to rest exactly on the same place as the first.

After each operation of printing, the paper is held by the margin, secure from casual change of position

between the cylinder and the register, until the required colors are all printed.

The registers are, on the inner side, cut in the shape of a gauge, to fit exactly the plates to print from, as in the drawing shown by *a b* on the register.

The registers are laid on the press-board, free, at the convenience of the printer, and in accordance with the size of the plates.

The engravings on such plates which will be printed in colors are, according to this purpose, engraved each separately, and must register to one another, which is effected by means of careful transfers of the dressing, in the usual way of engraving on metallic plates.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The mode of printing chromos from engraved plates, by the use of gauges on the register *A*, substantially as set forth.

2. In combination with the above, the mode of holding the margin of the paper during the process of changing the plates.

JOSEPH ENTHOFFER.

Witnesses:

ADOLF CLUSS,
J. F. OLMSTEAD.