

J. M. Keep,
Paper Fastener.

N^o 63,905.

Patented Apr. 16, 1867.

Fig. 3.



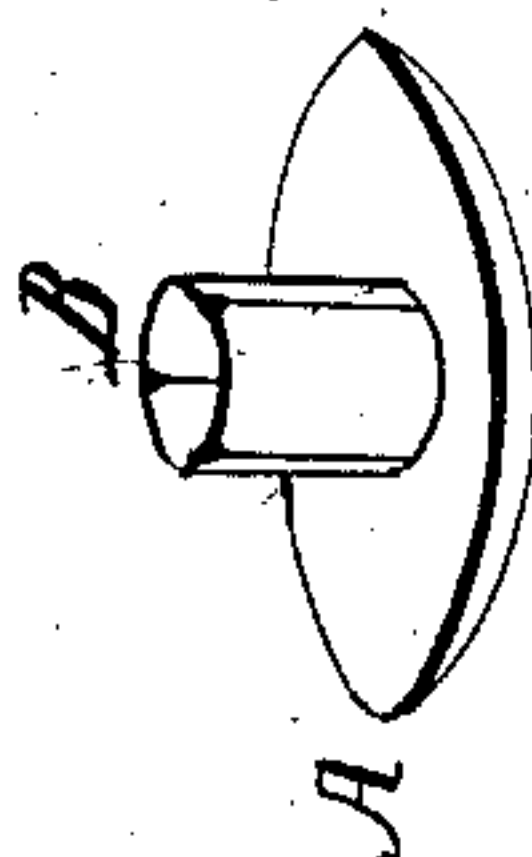
Fig. 2.



Witnesses:

H. R. Reynolds
Geo. H. Stevens

Fig. 1.



Inventor:

J. M. Keep

United States Patent Office.

JAMES M. KEEP, OF NEW YORK, N. Y.

Letters Patent No. 63,905, dated April 16, 1867.

PAPER FASTENING.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JAMES M. KEEP, of the city of New York, in the State and county of New York, have invented a new and useful improved Fastener for Papers, Belting, Fabrics, etc., of the kind commonly used for securing together the leaves of manuscripts, legal, governmental, and Patent Office documents, music, etc., and which is also applicable to other purposes where a permanent fastener is required, and that the following is a full, clear, and exact description of my invention, reference being had to the drawings accompanying and forming part of these specifications, by means of which my invention may be distinguished from all others of the same class.

My invention consists in the constructing, in a manner to be hereinafter described, of a "duplex button" or fastener, composed of two separate parts, as shown at figs. 1 and 2, of any desired form or design, and of any suitable material, having upon its upper or male disk or plate a tube capable of being passed through a hole in the papers or other materials to be united, and turned or clinched in a receptacle prepared for it in the lower or female disk or plate, which latter is to be provided with a conical-shaped protuberance on its inner side, and an inner plate, between which and by means of the conical-shaped protuberance the entering end of the tube of the male disk is spread apart and firmly clinched, thus uniting the two portions of the "duplex button" or fastener, and firmly securing together the sheets of paper or other material to which it may be applied.

The object of my invention is to furnish a neat and convenient fastener, capable of securing and uniting the leaves of manuscripts, printed or written documents, music, etc., belting and various fabrics, without requiring the use of the press or other means now employed, the pressure of the fingers or a slight blow from any convenient instrument being sufficient to secure the desired result; and which will at the same time present an ornamental appearance. In the plate of drawings accompanying these specifications—

Figures 1 and 2 represent a perspective view of the two portions, male and female, of my "duplex button" or fastener.

Figure 3 is a central vertical section of the same, and its position when in use.

Fig. 1 shows the upper or male portion of the fastener, the plate A being of a convex form, from the centre of which projects the tube B, whose sides are split to allow of its being spread open. From the inner side of the female disk or plate C, fig. 2, projects the conical-shaped protuberance D. On the inner side of this disk also, and covering the protuberance D in such a manner as to leave a narrow space between their surfaces, the plate E, having at its centre, and immediately over the point of the protuberance D, the orifice F, is firmly soldered or otherwise permanently attached. Now it will be readily seen that when the tube B is passed through an opening in the papers to be united, and introduced into the orifice F in the plate E, its sides will be spread apart upon the wedge D, and forced down under the inner plate E. When the disks A and C are brought as closely together as the intervening substance will admit, the tube B will have become effectually clinched, as shown at fig. 3, and it will be found impossible to displace the articles thus fastened, or any one of them, without tearing them or destroying the fastener.

The following I claim as my invention, and desire to secure by Letters Patent:

The plate A, provided with a divided tube, B, when used in combination with the plate C, provided with the conical protuberance D and the inner plate E, in which is formed an opening, F, to receive the tube B, the cone D serving to spread and secure the sections of the divided tube beneath the plate E, as and for the purpose specified.

J. M. KEEP.

Witnesses:

GEO. F. STEVENS,

H. P. REYNOLDS.