

A. Smith,
Paper Fastener.

N^o 43435.

Patented July 5, 1864.

Fig. 1.

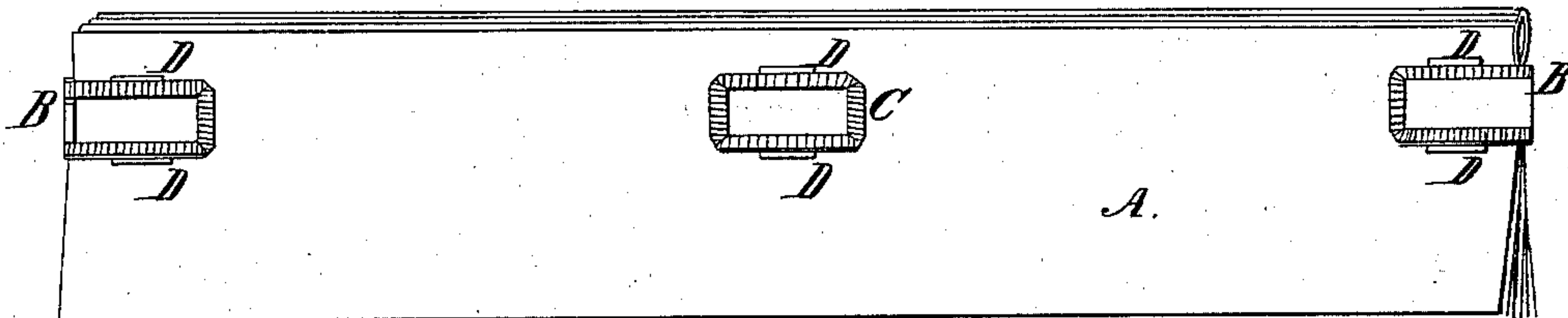


Fig. 2.

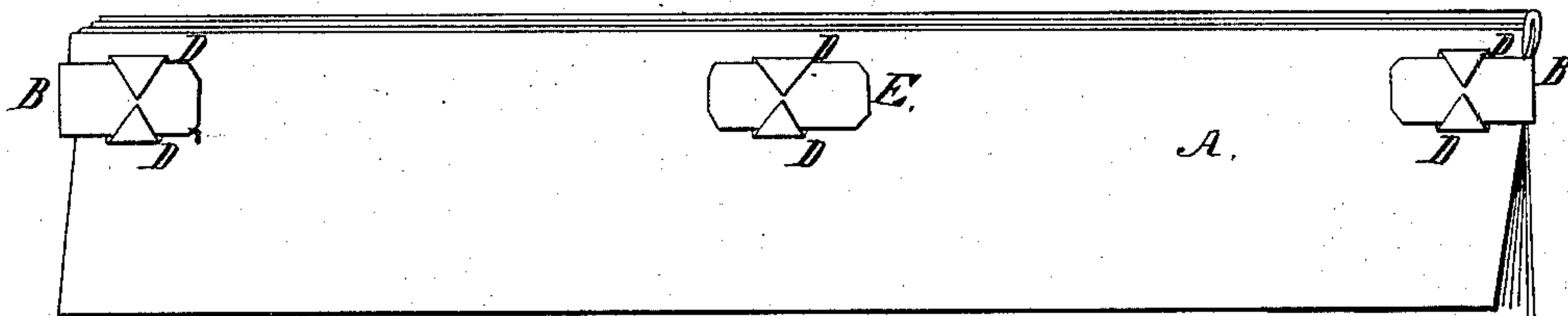


Fig. 3.

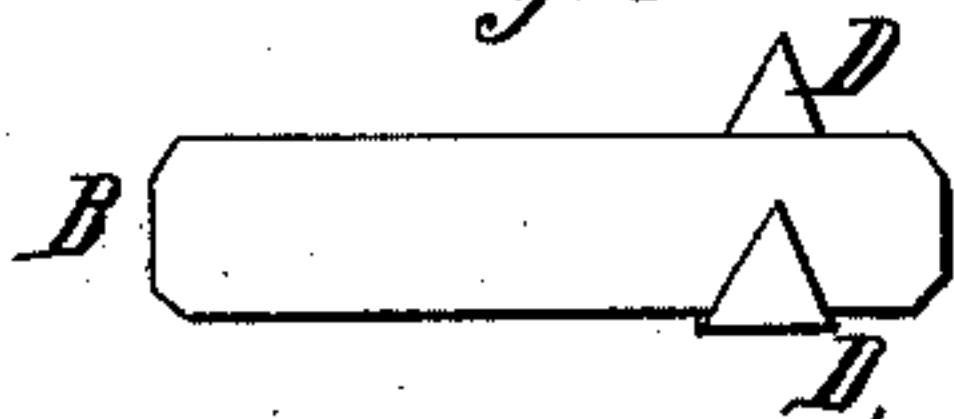


Fig. 5.

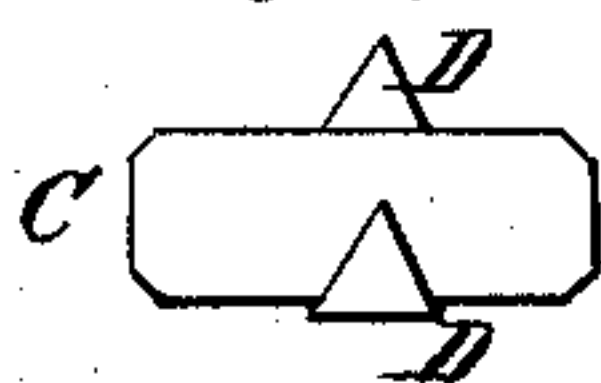
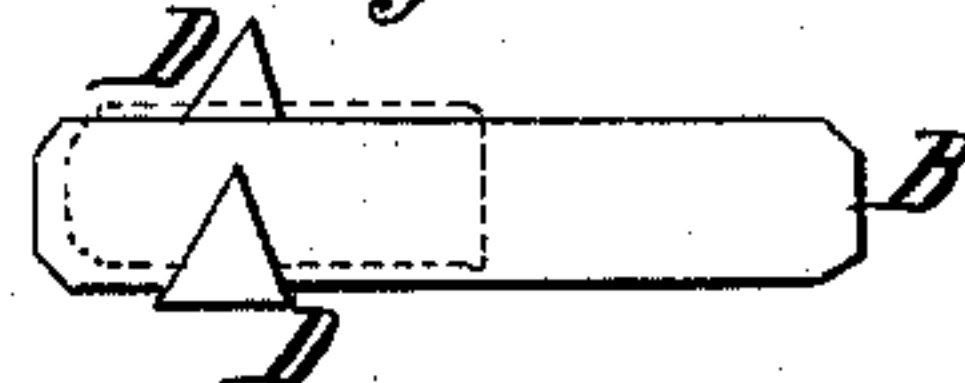


Fig. 6.



Fig. 4.



Witnesses:

J. Franklin Ruggart

L. Luchs

Inventor:

Adison Smith.

UNITED STATES PATENT OFFICE.

ADDISON SMITH, OF PERRYSBURG, OHIO.

PAPER-FASTENER.

Specification forming part of Letters Patent No. 43,435, dated July 5, 1864.

To all whom it may concern:

Be it known that I, ADDISON SMITH, of Perrysburg, Wood county, and State of Ohio, have invented a new and useful Legal-Cap-Paper Fastener; 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, making a part of this specification.

The nature of my invention consists in the shape and construction of ornamented metallic plates, having teeth on their sides for the purpose of permanently fastening sheets of paper at their corners, edges, and centers.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction.

Figure 1 represents the front and ornamental part of fasteners as attached to the legal-cap paper. Fig. 2 represents the reverse side of the fasteners as fastened and secured to the paper. Fig. 3 represents the shape of the side plate, with its teeth. Fig. 4 represents the side plate, the one-half bent back, (as in dotted lines,) with its side teeth to be bent over and upon it. Fig. 5 represents the inside of center fastener, with its teeth. Fig. 6 represents the back plate without teeth.

A represents several sheets of legal-cap paper connected together by fasteners B B, metallic plates that clasp the sides of the paper, and a center metallic fastener, C, that secures the sheets at the top, between the two side fasteners, B B. The center metallic fastener, C, is shorter than the side ones, B B, and has a tooth, D, on each side, bent at right angles with the back side of the plate. Two small slits are first cut into the paper by a tool having two uniform cutters to cut the slits the exact size of the width of the base of the teeth D. The teeth D are then pressed into the slits of the

paper until they project through the sheets and a small plate, E, (corresponding with the size and shape of the face of the fastener C,) is placed between the teeth D, and the teeth are then bent inward toward each other and pressed with the thumb over and upon the plate E, and the sheets of paper are thus permanently fastened together. The side plates, B, are similarly constructed, but longer than the center one, C, so that as their teeth D are inserted through slits made near the edges or upper corners of the sheets, the one-half of the plate is bent around the edge of the sheets and pressed between the teeth D on the other side of the sheets, and the teeth are then bent over and pressed tightly upon the back of the plate, and the edges or corners of the sheets of paper between are thus permanently fastened and the corners of the sheets are completely prevented from turning over or being disfigured with "dog-ears," as is usually the case with legal manuscripts.

The faces of the fasteners are free from apertures or slots, so as to admit of neat mottoes or initials being stamped upon them, and their edges are neatly ornamented, which ornamentation adds very much to the neatness and appearance of the papers, while their utility and security, added to the facility and ease of attachment to papers, are decided advantages.

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

The ornamented metallic plates B and C, with teeth D D on their sides, for the purpose of permanently fastening sheets of paper at their corners, edges, and centers, substantially as herein described.

ADDISON SMITH.

Witnesses:

J. FRANKLIN REIGART,
JOHN S. HOLLINGSHEAD.