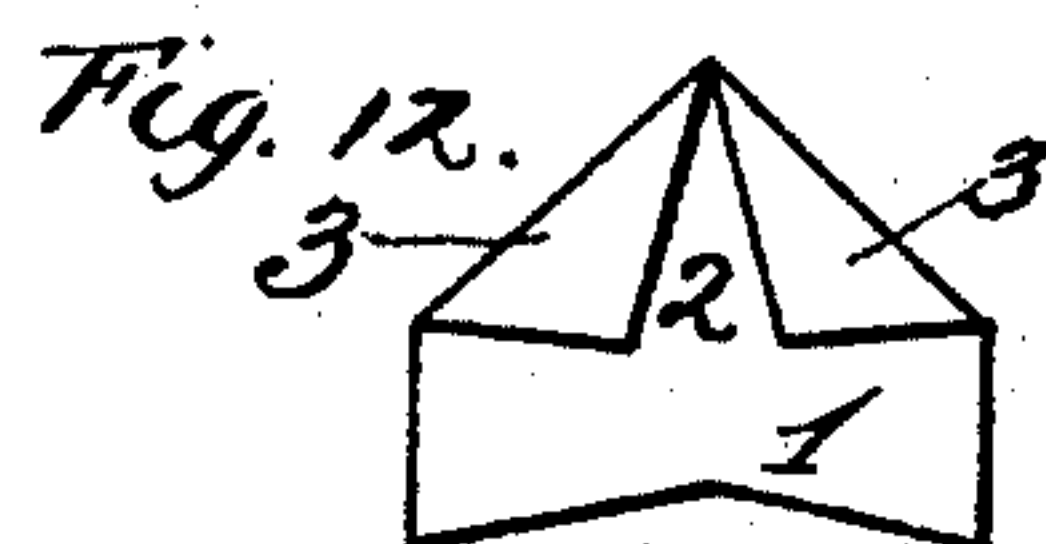
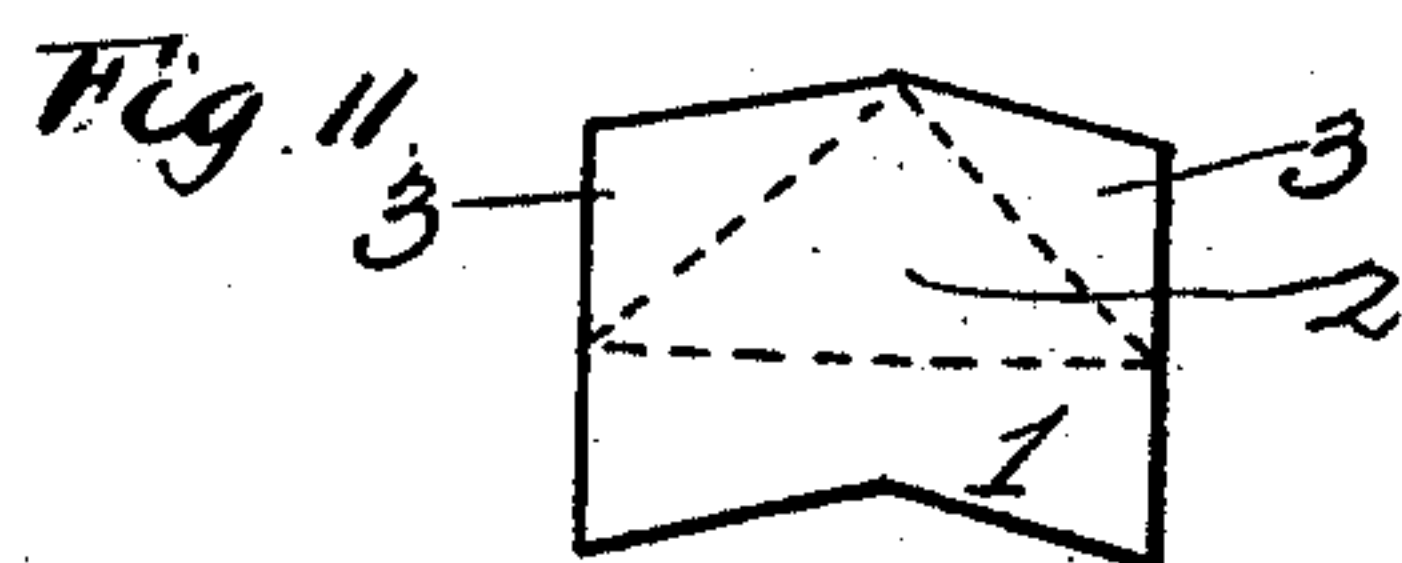
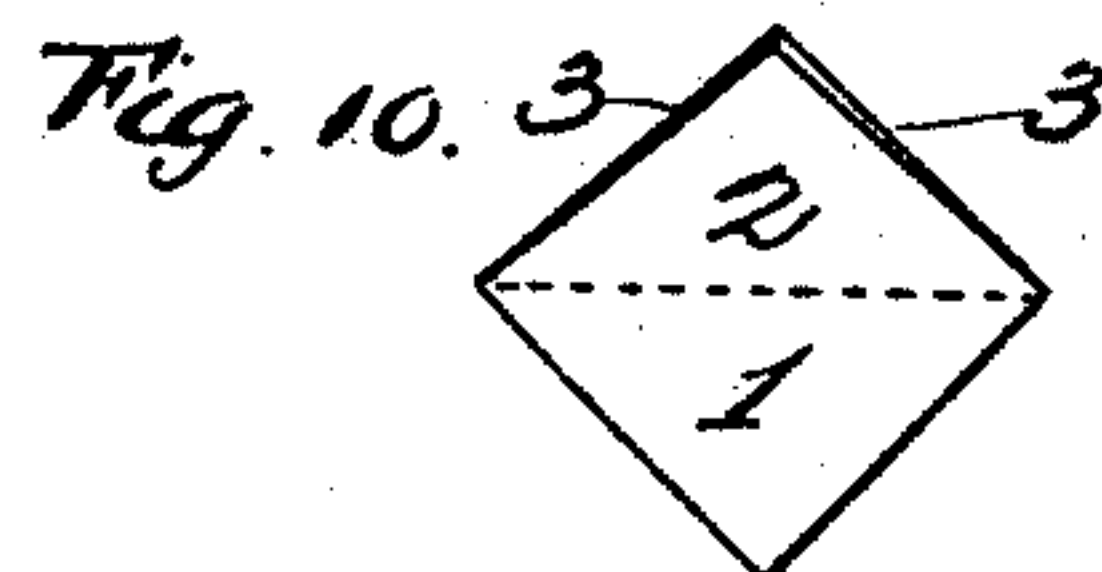
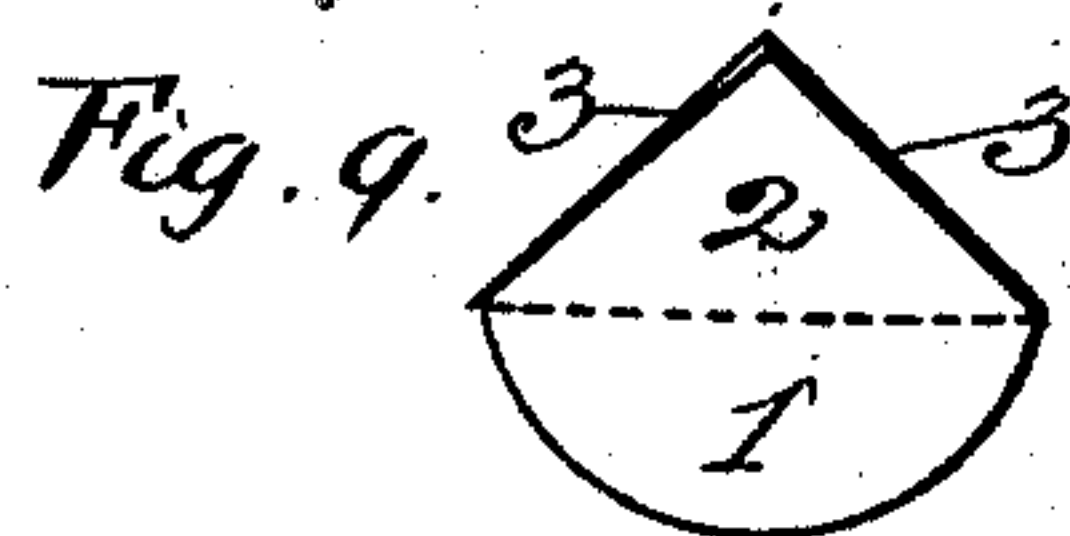
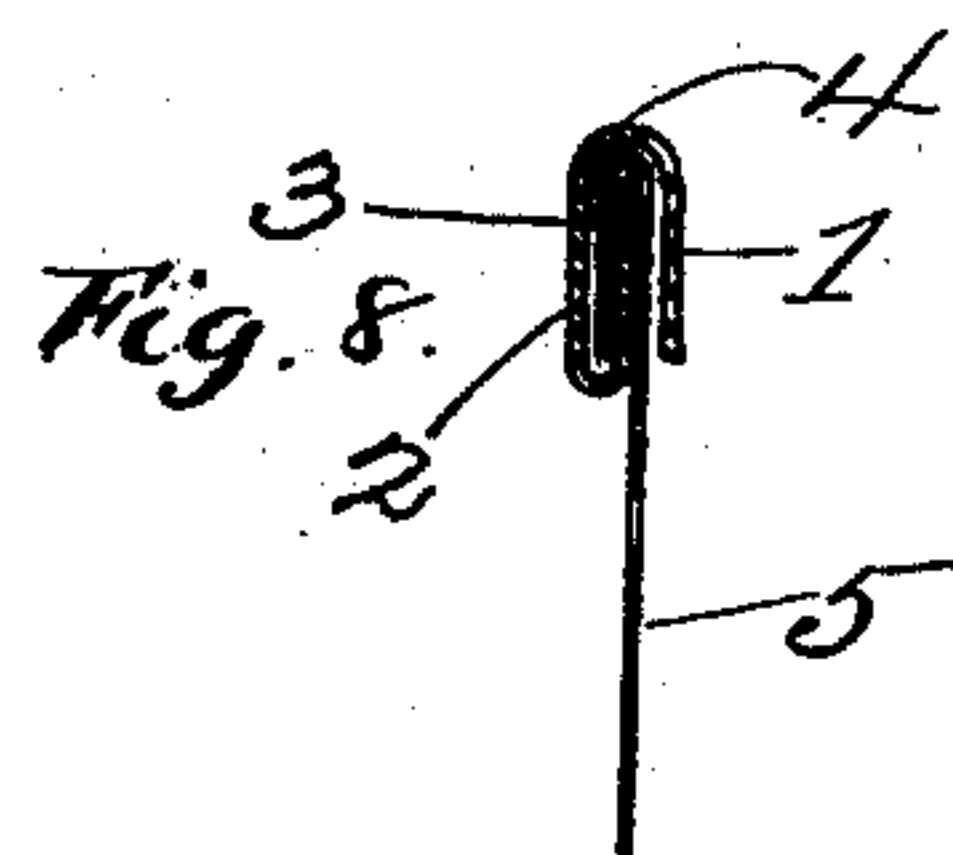
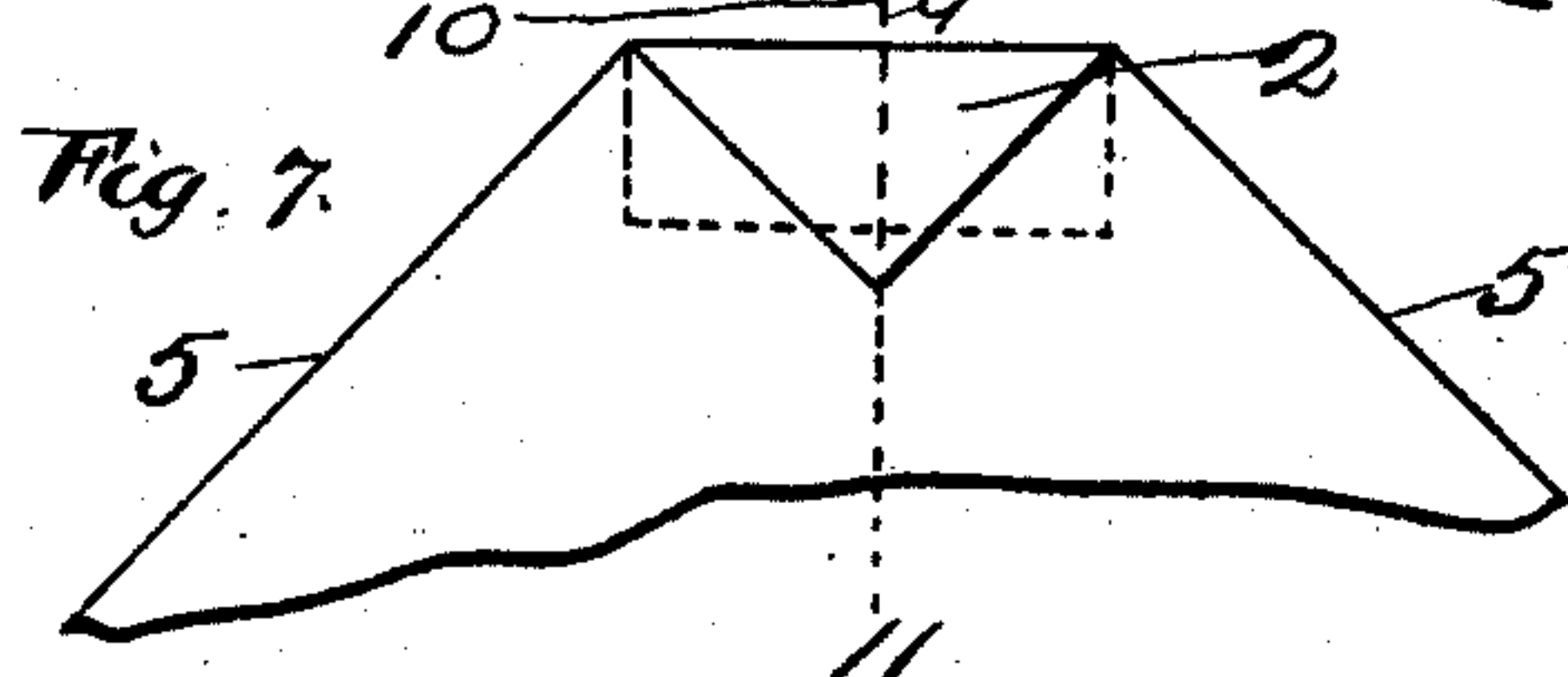
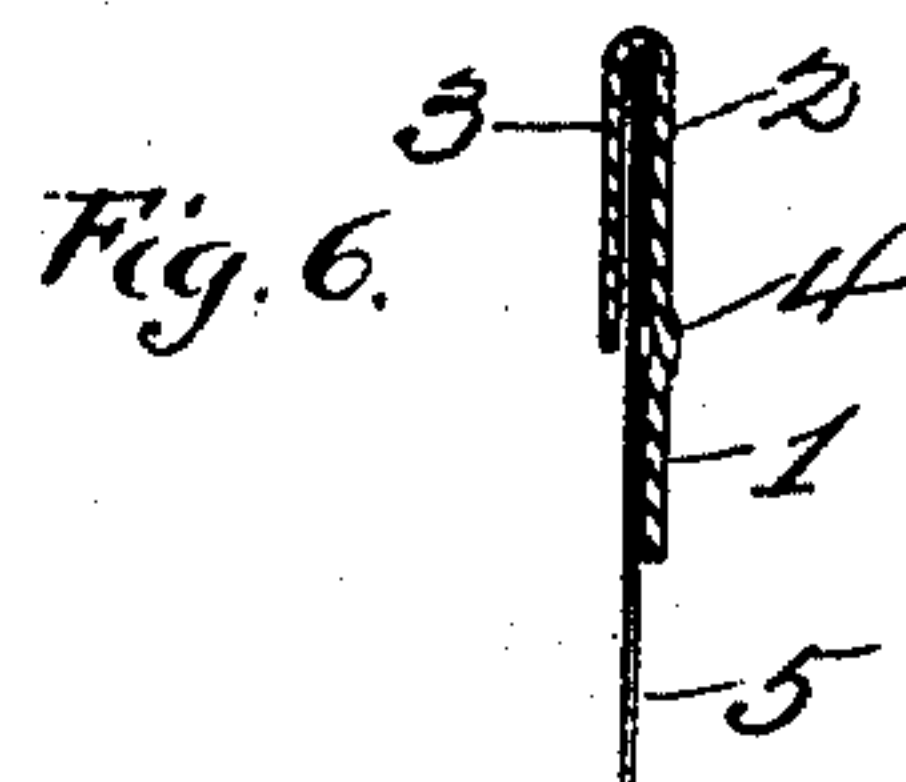
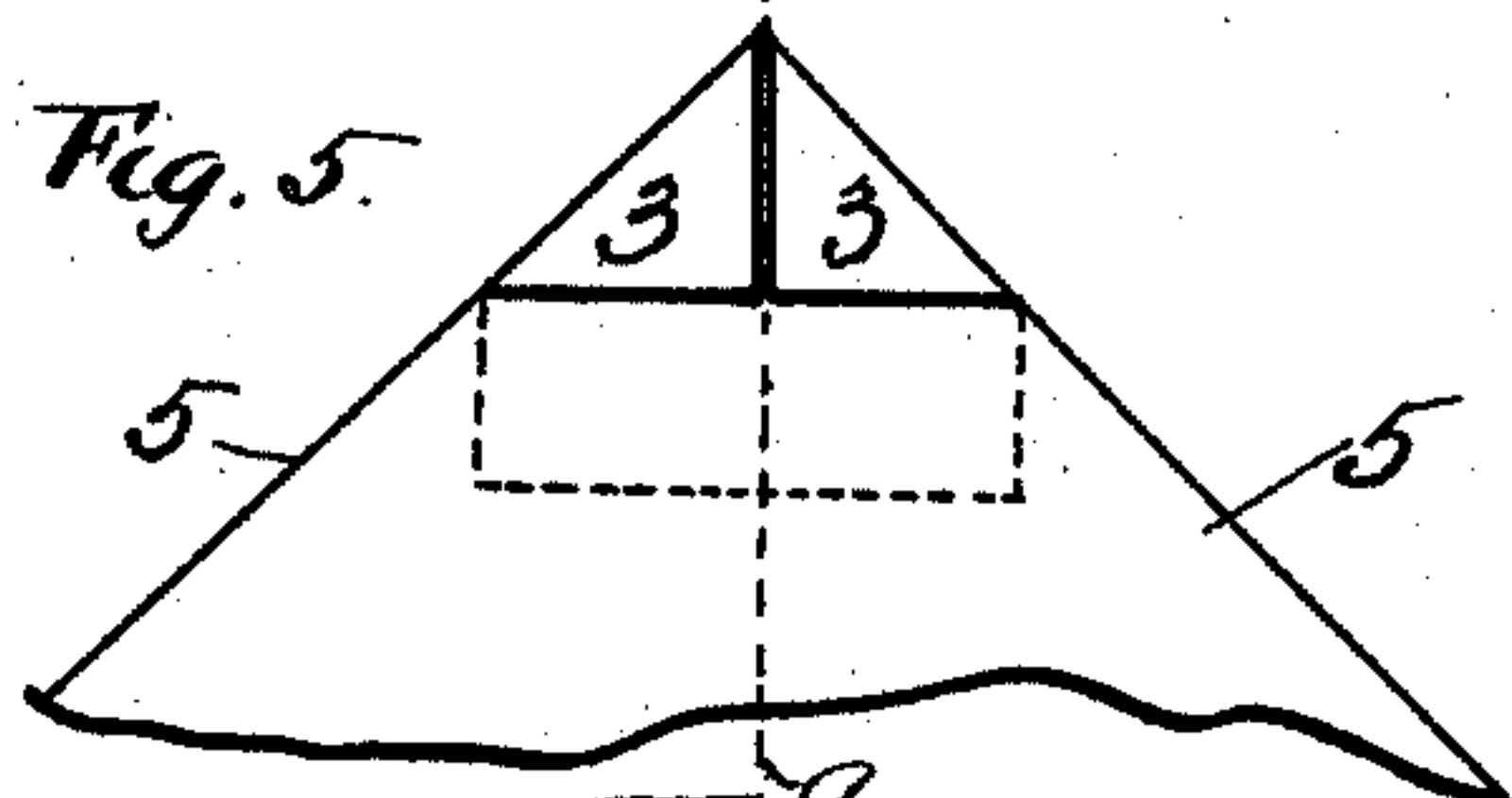
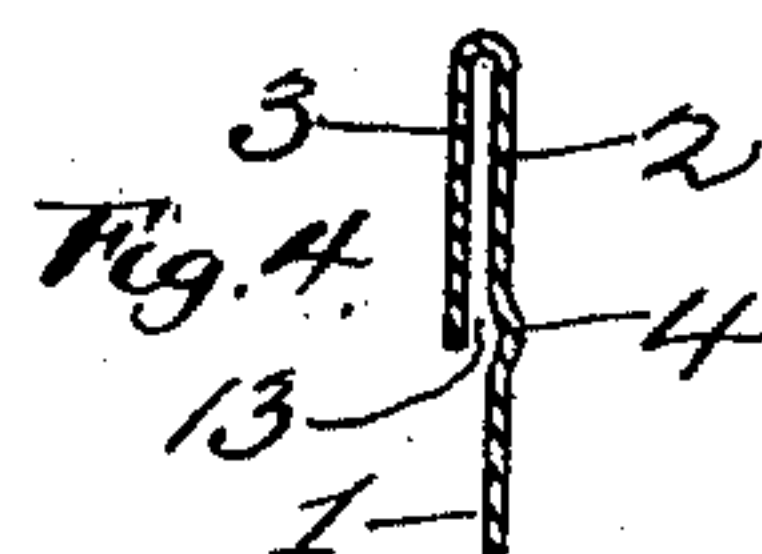
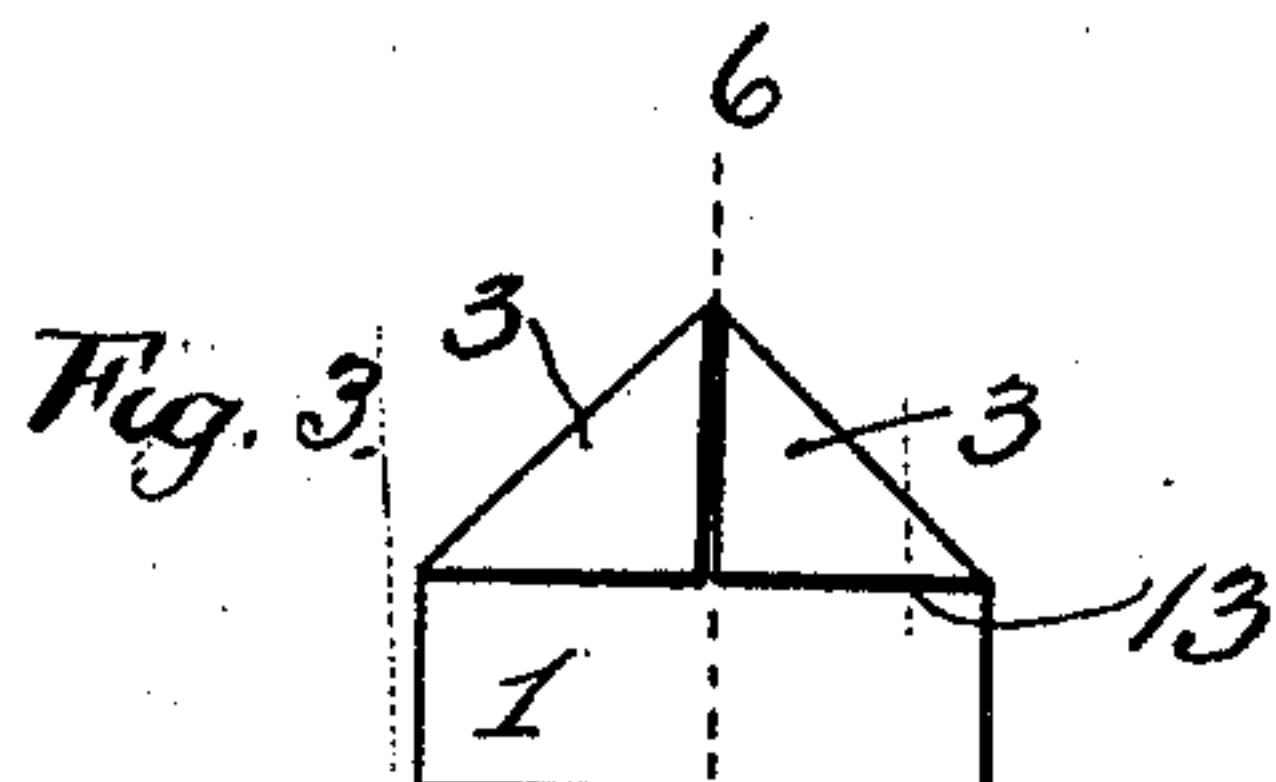
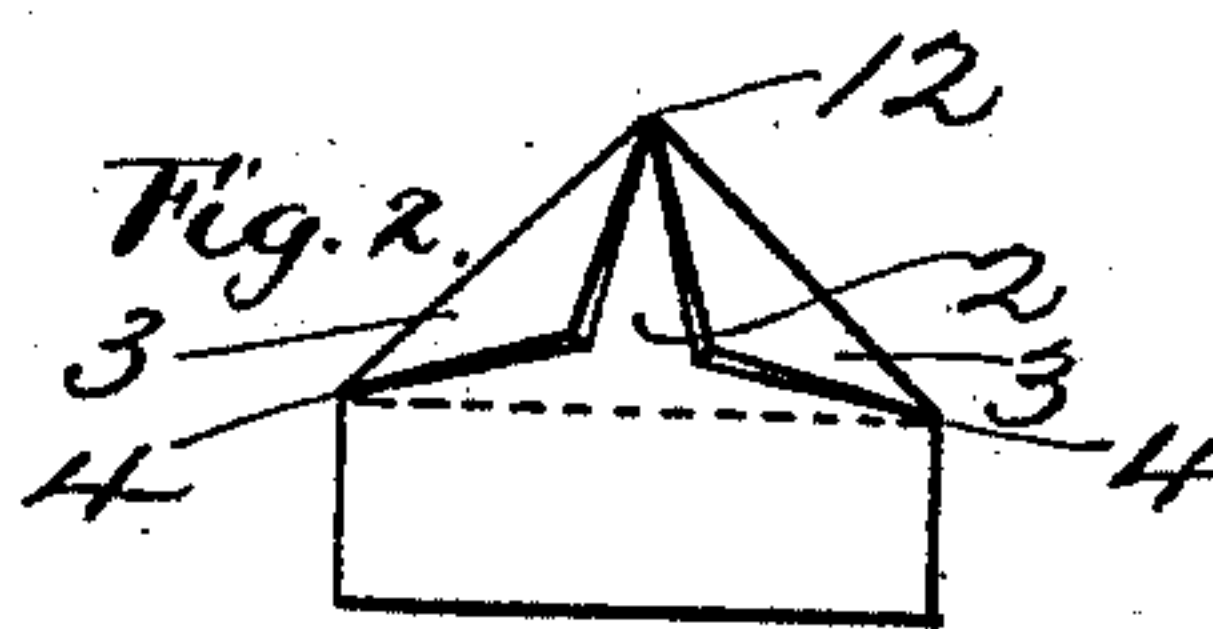
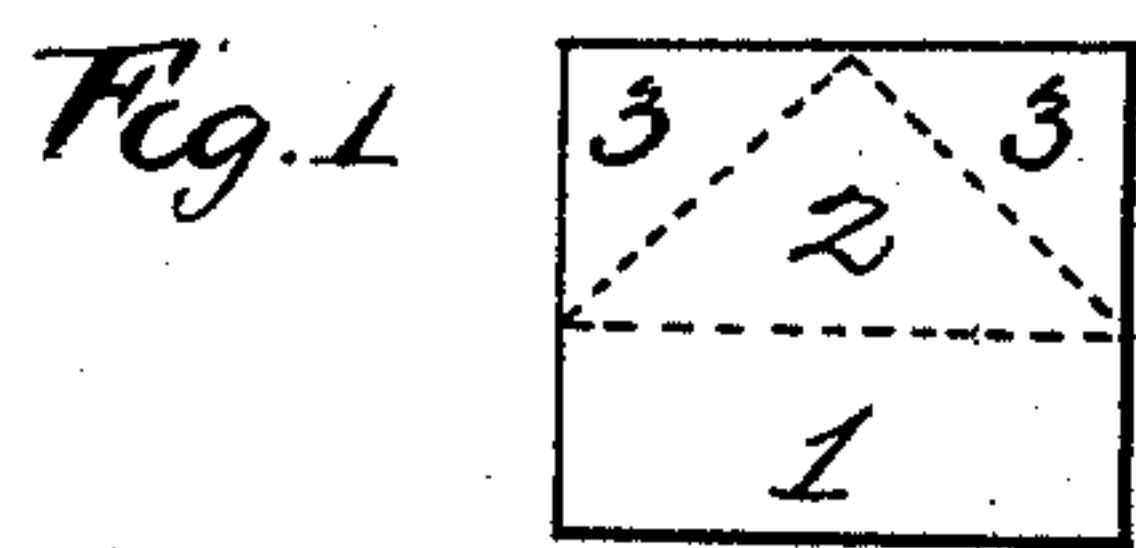


(No Model.)

R. M. PANCOAST.
PAPER FASTENER.

No. 524,647.

Patented Aug. 14, 1894.



Attest:

C. E. Jones.

E. P. H. M. G.

Inventor:

Richard M. Pancoast

By Chas. J. Gooch
Attorney

UNITED STATES PATENT OFFICE.

RICHARD M. PANCOAST, OF CAMDEN, NEW JERSEY.

PAPER-FASTENER.

SPECIFICATION forming part of Letters Patent No. 524,647, dated August 14, 1894.

Application filed March 14, 1894. Serial No. 503,607. (No model.)

To all whom it may concern:

Be it known that I, RICHARD M. PANCOAST, a citizen of the United States, residing at Camden, in the State of New Jersey, have invented an Improvement in Paper-Fasteners, of which the following is a specification.

My invention relates to improvements in paper fasteners made out of sheet-metal and applied to the corner of the sheets; and the objects are, to provide a cheap, neat and light device that will conform to and properly adjust together and securely retain in place the right angled corner of a number of sheets of paper by completely enveloping and bending over the fixed corners without puncturing or defacing the paper and which further admits of unfastening and using again and which needs no machine or implement for applying it. I secure these objects by the very simple device illustrated by the accompanying drawings, in which—

Figure 1 represents in outline an unformed blank, and the dotted lines the forming lines. Fig. 2 is a perspective view of the same, with the enveloping parts formed up. Fig. 3 shows the corner enveloping parts or fins closed together. Fig. 4 is a sectional view of same on line 6—7. Fig. 5 shows the paper adjusted in the enveloping packet, ready for fastening. Fig. 6 is a sectional view of same on line 8—9. Fig. 7 is a view showing the device folded so as to fasten the papers. Fig. 8 is a sectional view of same on line 10—11. Figs. 9 and 10 are plan views, showing other forms of the lip 1; and showing a vertical position of the fins 3, 3 for the guidance, reception and adjustment of the corners of paper. Fig. 11 shows the outline of a blank for a different form, and the dotted lines the forming lines. Fig. 12 the same, with closed fins not meeting.

Similar numerals refer to similar parts throughout the several views.

This invention consists of a triangular pocket 13, Figs. 2, 3 and 4, formed by the bending up and in of the fins 3, 3 toward the back 2, with a projecting lip 1, and a crease or groove 4, Figs. 2, 4 and 6, between the lip 1, and the back 2, all adapted to receive the square corners of a number of sheets of paper 5, Figs. 5 and 6, and, by pushing in, to properly adjust the sheets; and, when folded, by bending in at the crease 4, Figs. 7 and 8, to completely cover, protect and clamp the corners of the sheets, 5, 5, together, so that

none of the sheets can be displaced without undoing the fastener, except by tearing out. These devices can be cut out of sheet-metal so as to leave no "scrap" or waste. The construction not only utilizes the whole of the material, but employs the very greatest grasping power, by having the longest possible folding lines (see dotted lines Figs. 1 and 11); and this enables me to make a satisfactory corner-enveloping fastener of the very smallest, and of remarkably thin pieces, which constitutes a valuable item in their cost and their use in mailing.

From the description, and referring to the blanks, Figs. 1 and 11, it will be seen that the pockets, which primarily envelop the corners of the sheets, are in all cases practically right angular at the apex, so as to guide, adjust and cover the edges of the tips from the crease to the apex. No paper fastener has hitherto been devised, that I know of, which thus envelops the corners of the sheets and then binds them securely together by containing and clamping or biting the whole edge, 4 4, as shown in Figs. 7 and 8.

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

1. A fastener for sheets of paper, consisting of a substantially triangular body portion provided with lips projecting from the two sides adjacent to its apex, said lips being adapted to be folded over the edges of the sheets at one corner and a third lip projecting from the base of said triangular body portion the said body portion being foldable upon the said sheets and the third lip and operating when folded to secure the said sheets together, substantially as set forth.

2. The method herein described of fastening together assembled sheets of paper consisting in taking a substantially rectangular blank, or piece, of metal, placing the corners of the papers upon said metal blank, then bending the corners of said blank over and down upon said papers so as to envelop and incase the corners of the papers, and then bending or folding over that portion of the blank incasing the corners of the assembled sheets of paper, substantially as and for the purpose set forth.

RICHARD M. PANCOAST.

Witnesses:

CHAS. H. DOUGHERTY,
EUGENE DUNNING.