

No. 719,774.

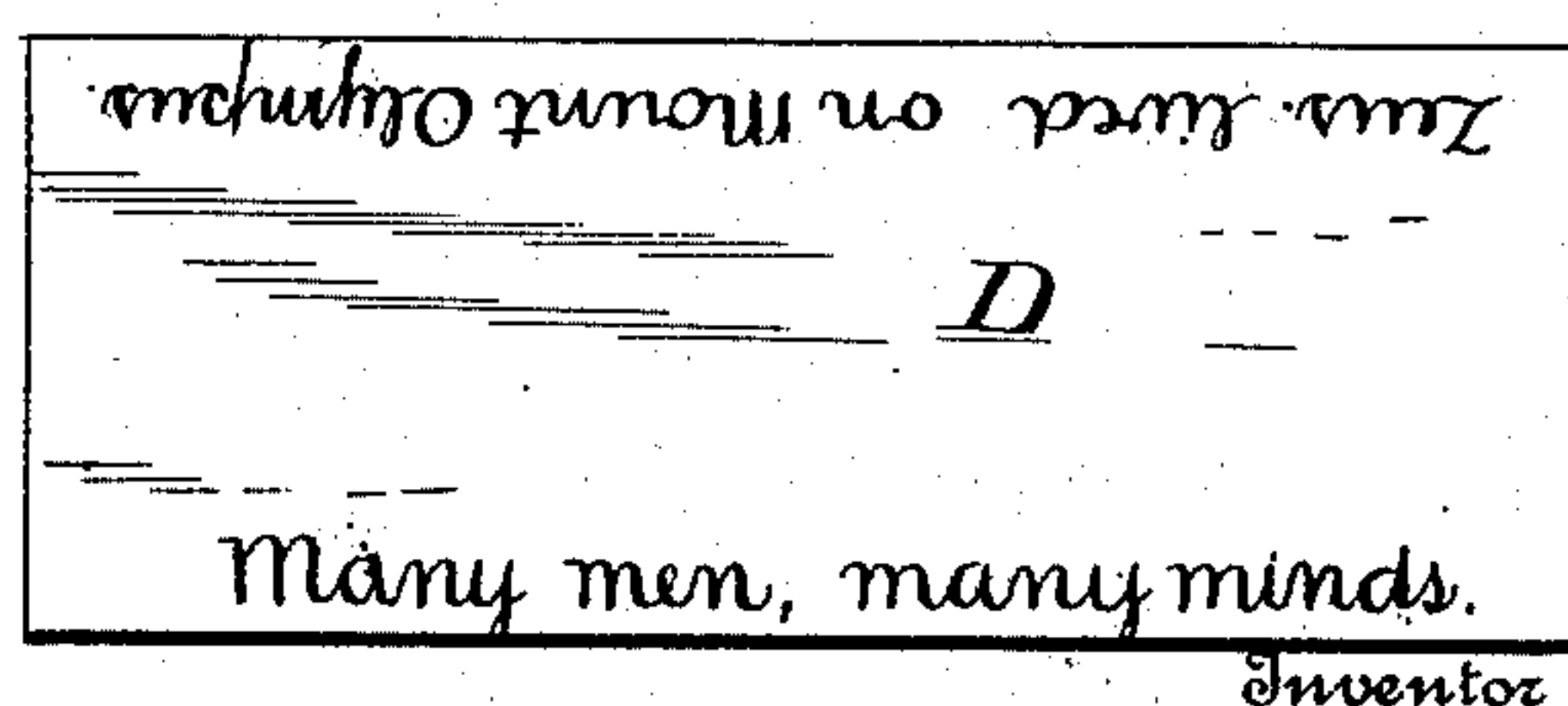
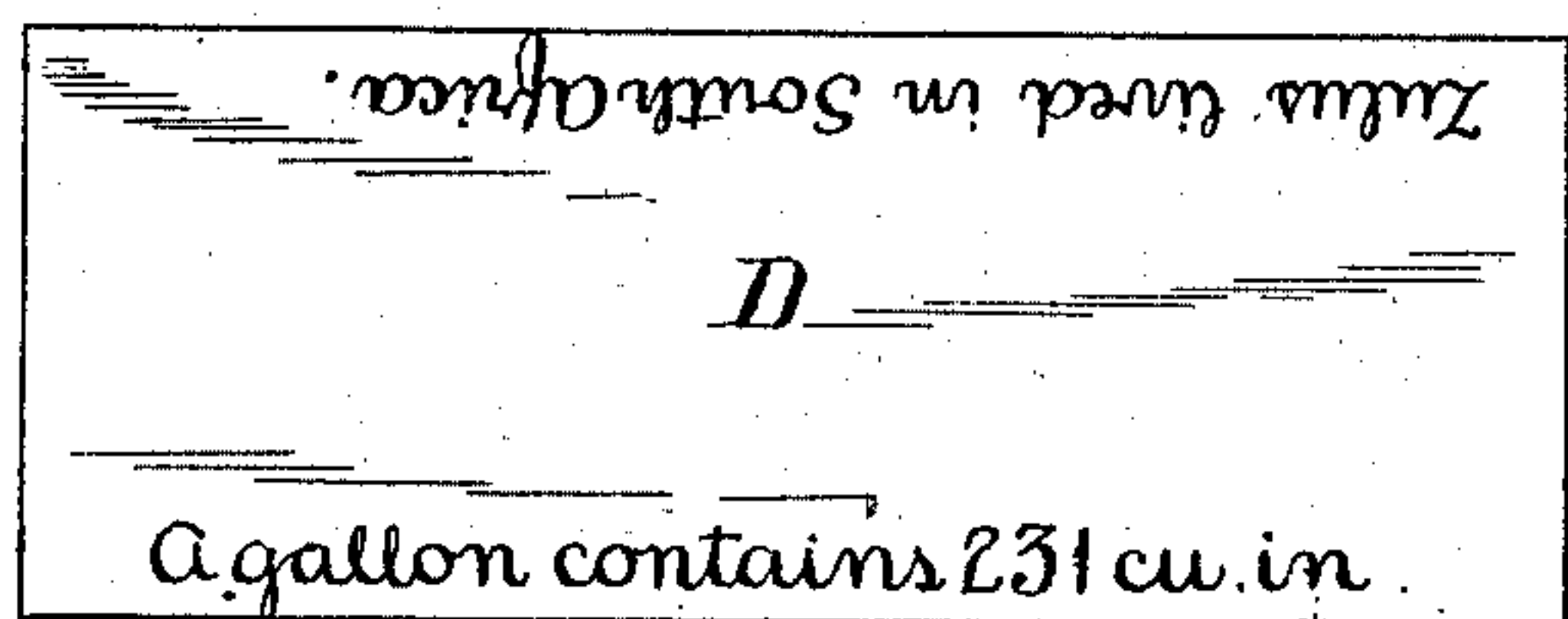
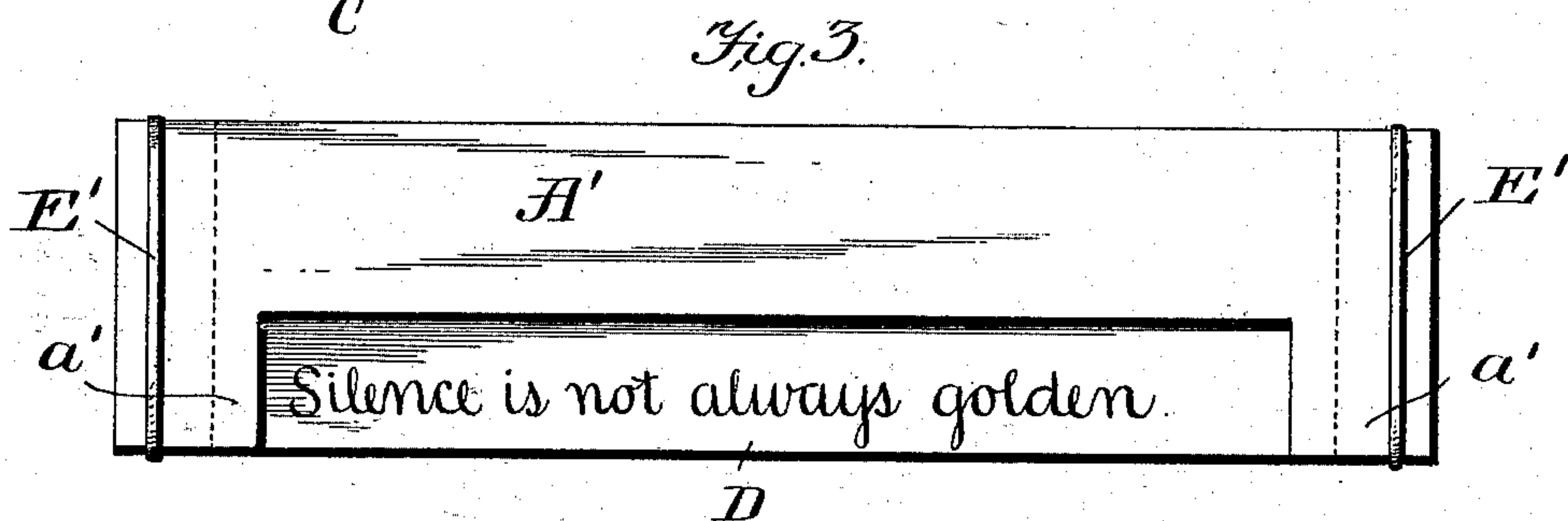
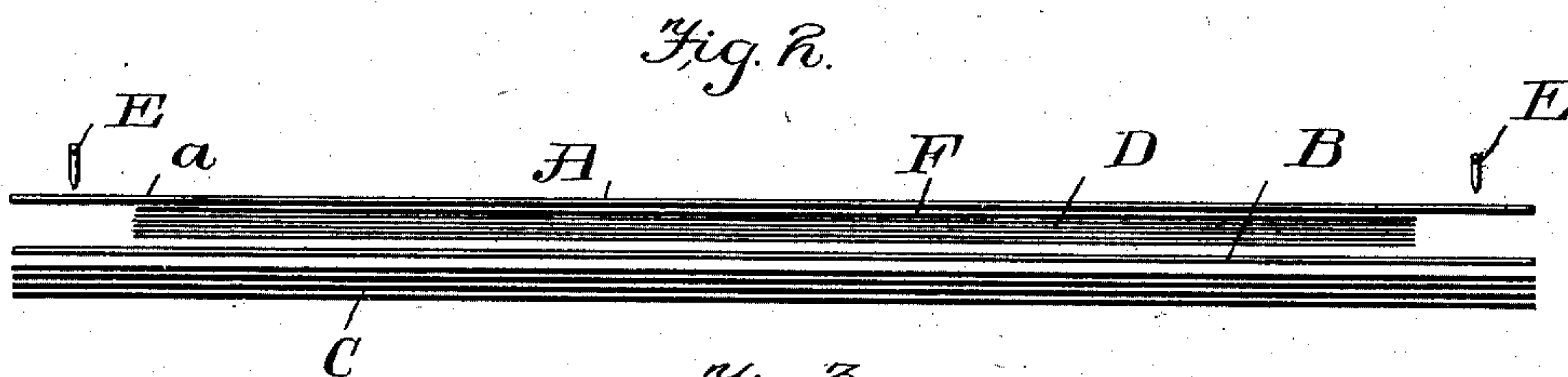
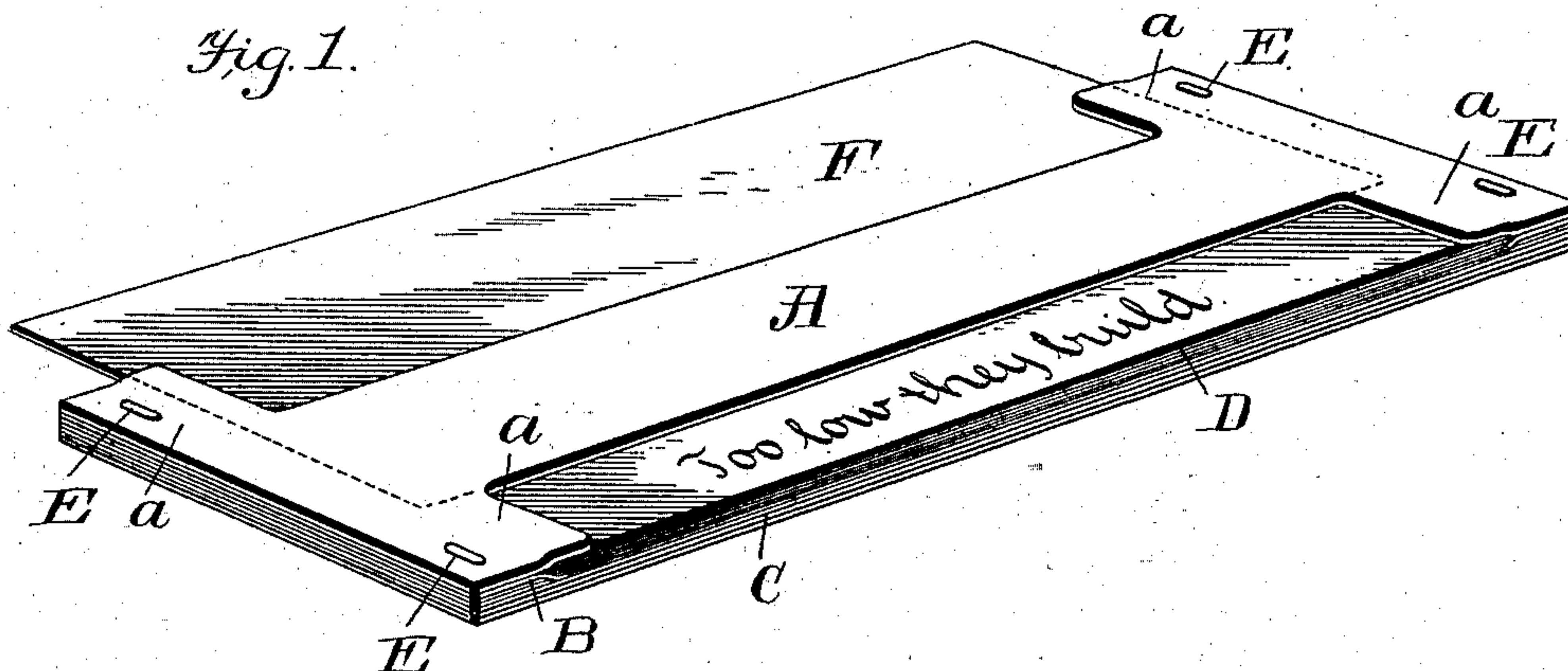
PATENTED FEB. 3, 1903.

T. B. FERGUSON.
COPY PAD.

APPLICATION FILED NOV. 26, 1902.

NO MODEL.

2 SHEETS—SHEET 1.



Witnesses

Witnesses
Geo. A. Byrne.
Indw. Engle.

T.B. Ferguson.

By *Milken & Fisher,*
Attorneys.

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2 SHEETS—SHEET 2.

Fig. 6.

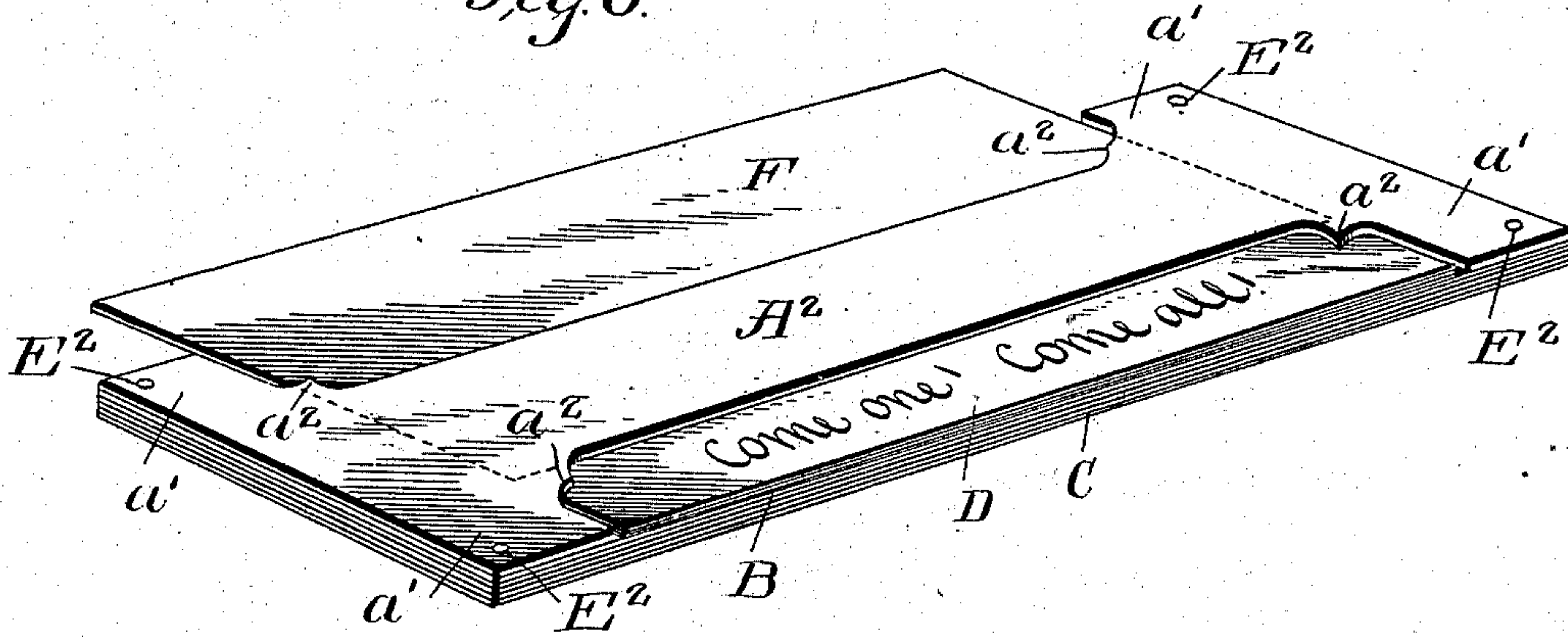


Fig. 7.

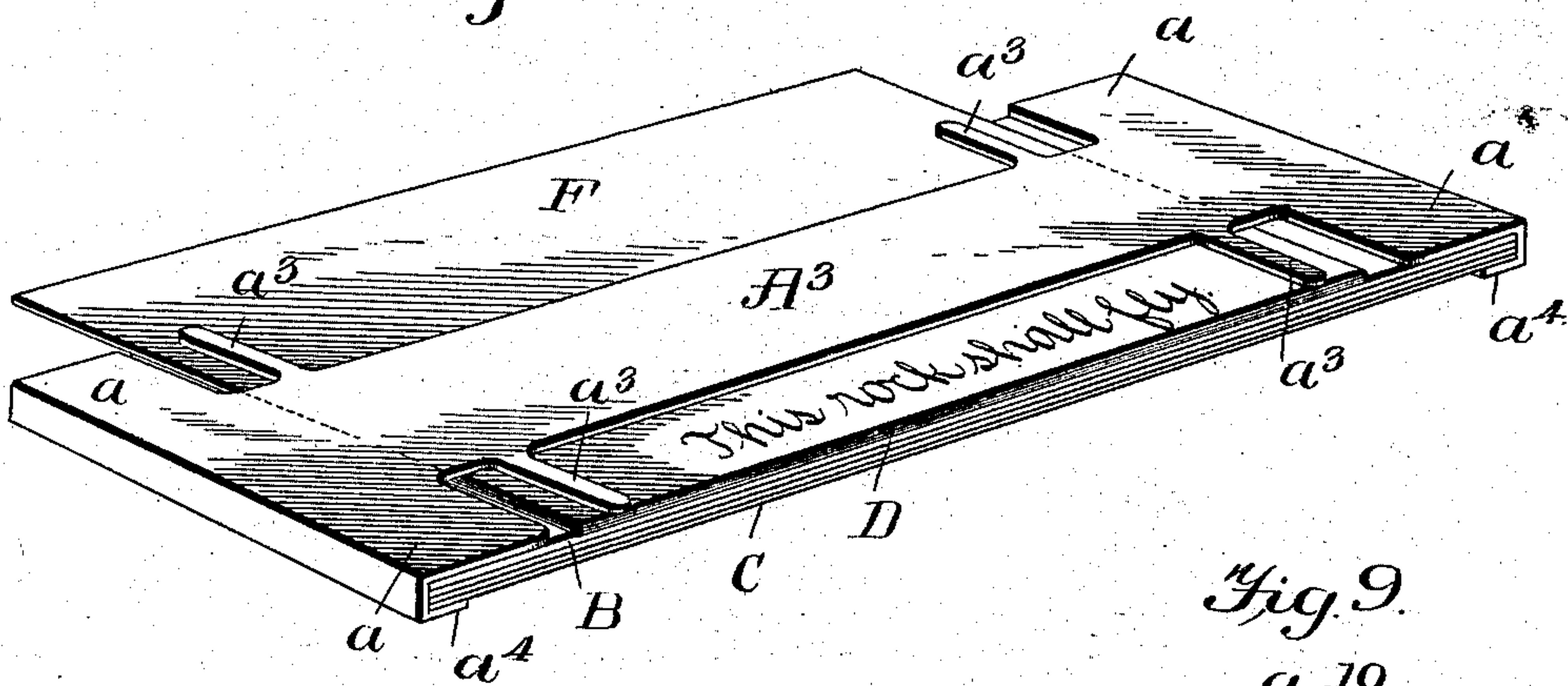


Fig. 10.



Fig. 8.

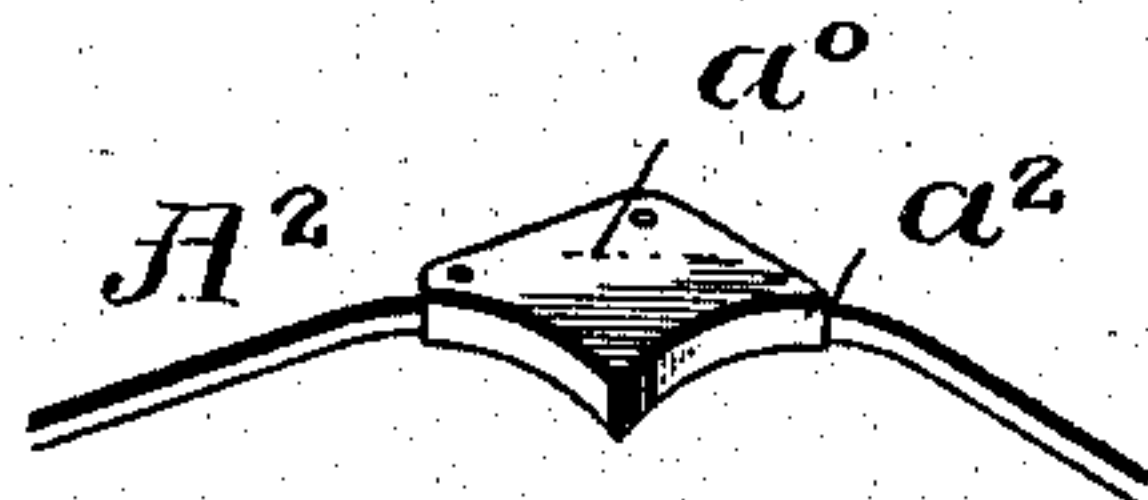
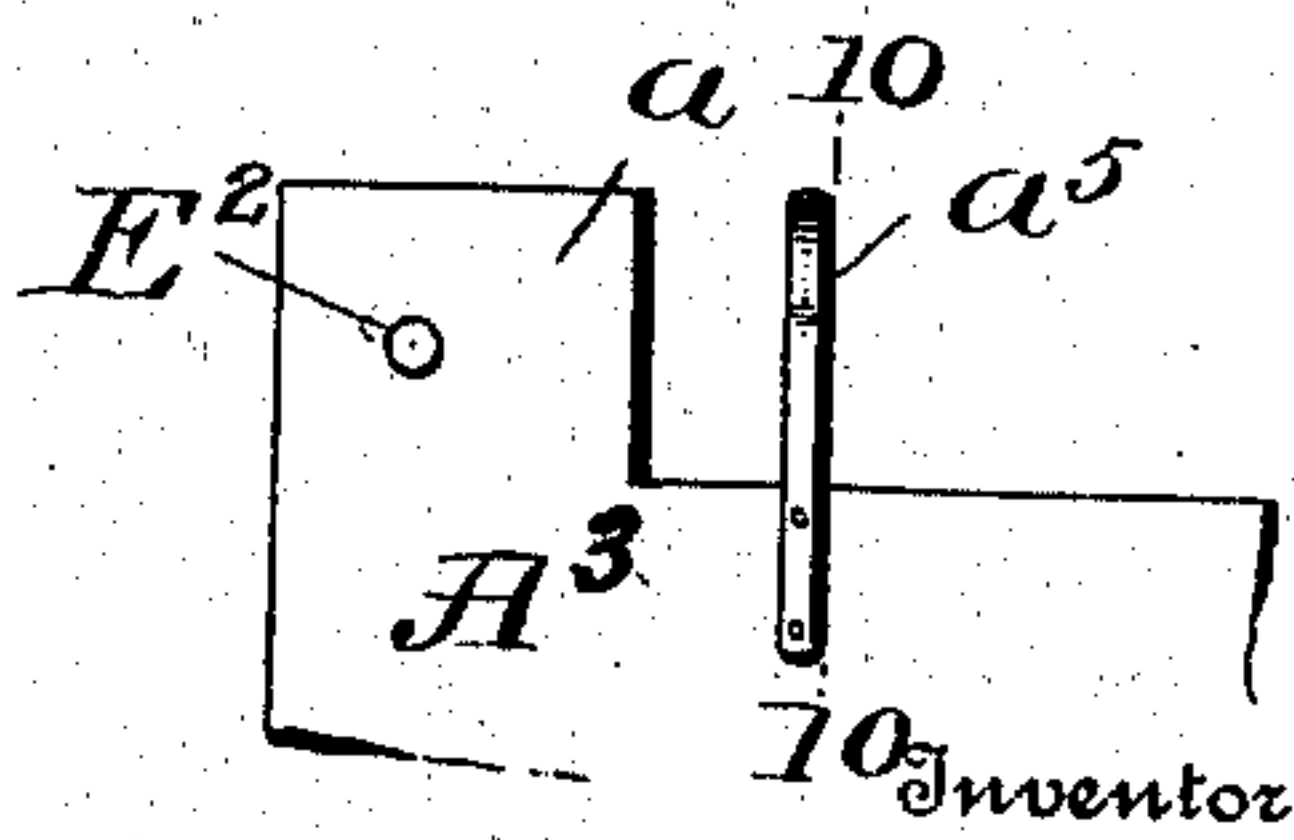


Fig. 9.



Witnesses

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UNITED STATES PATENT OFFICE.

THOMAS B. FERGUSON, OF WASHINGTON, DISTRICT OF COLUMBIA.

COPY-PAD.

SPECIFICATION forming part of Letters Patent No. 719,774, dated February 3, 1903.

Application filed November 26, 1902. Serial No. 132,922. (No model.)

To all whom it may concern:

Be it known that I, THOMAS B. FERGUSON, a citizen of the United States, residing at Washington, in the District of Columbia, have invented certain new and useful Improvements in Copy-Pads; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in devices for facilitating instruction in penmanship.

I am aware that various devices have been patented in which a separate and movable text is shown; but as far as I am aware the old style has not yet been supplanted. The greater majority of copy-books now in use have the script to be copied at the head of the page, and the pupil copies down line after line until it involuntarily copied its own writing, rather than that shown in the text at the head of the page. Various devices have been attempted to remedy this, but so far as I am aware none of these has as yet gone into use.

My invention consists in a movable pad or holder in which a plurality of reversible slips are held. The pad is so arranged that all the writing, except the sentence being copied, is hid from the eye, so that the attention of the pupil is not distracted and may be centered upon the sentence being copied. I combine with the pad thus arranged a base composed of one or more strips of blotting-paper, so that moving the pad down from line to line automatically blots the line just written.

My invention also consists in certain other novel details and combinations and arrangements of parts, that will be hereinafter described and claimed.

Reference is had to the accompanying drawings, in which the same parts are indicated by the same letters throughout the several views.

Figure 1 is a perspective view showing the double reversible copying-pad in its simplest form. Fig. 2 is a side elevation showing the parts of the pad of Fig. 1 just before these parts are assembled. Fig. 3 shows a pad in which there is only a single opening for the

slips carrying the matter to be copied. Figs. 4 and 5 are details showing the opposite faces of one of the reversible slips used in any one of the pads hereinafter described. Fig. 6 shows a modification of the device shown in Fig. 1 adapted for use for shorter copy-slips, such as might be cut from the top of an ordinary copy-book. Fig. 7 shows another form of the device shown in Fig. 1 in which the copy-slips are held in place by resilient arms. Fig. 8 is a detail showing a reinforcement applied to the lug indicated in Fig. 6. Fig. 9 is a plan view showing a resilient tongue attached to the top piece, being a modification of the device shown in Fig. 7; and Fig. 10 is a section along the line 10 10 of Fig. 9 and looking to the left.

Referring now to Figs. 1 and 2, the pad is composed of an I-shaped top piece A, having arms *a*, secured to a bottom portion B, as by rivets E. It will be obvious that eyelets, rubber bands, or other equivalent devices may be used in place of the rivets—such, for instance, as is shown at E' and E², respectively, in Figs. 3 and 6. To the base of the bottom portion B are secured one or more strips of blotting-paper C, and between the top piece A and the bottom portion B are mounted the sliding strips D, carrying the matter to be copied, and also the hood-slip F. The sliding copy-slips preferably bear inscriptions on each of the long edges, and these are printed on both sides of the sheet, as indicated in Figs. 4 and 5. These copy-slips may be either single pieces of paper, celluloid, cardboard, or other suitable material on which the words to be copied are printed or engraved, or blank strips may be used, and the sentences to be copied may be pasted on.

The hood-slip F is preferably made of celluloid, aluminium, or some other material which is not readily soiled and which when the pad is in use is slid out to one side or the other, as indicated in Figs. 1, 6, or 7, and hides all but one of the sentences on the copy-slip. The purpose of this slip is not only to keep the copy-slip clean, but also to prevent the eye of the pupil from seeing sentences already written for quite a distance above the sentence being copied. By sliding this hood-slip from one side to the other of the

pad, thus reversing the pad, two sentences on the top copy-slip will be exhibited *seriatim*, and thus the pupil after copying one sentence for a sufficient length of time can reverse the pad and the hood-slip and copy the other sentence. By simply turning over the copy-slip in the pad, which can be done by slipping it out and putting it back after reversing same, two other sentences will be shown, as before described.

By having six copy-slips in the pad the same subject-matter to be copied may be secured as with twenty-four pages of the ordinary copy-book.

In the form of device shown in Fig. 3 the top portion A' is held on the page by rubber bands E', while there is only a single opening for the display of the sentence to be copied—that is, between the arms a and a' .

In the form of device shown in Fig. 6 eye-lets E² are shown connecting the top piece and bottom portion of the pad, while the slips are held between the lugs a^2 . This arrangement is desirable when it is desired to use shorter copy-strips, such as might be clipped from the top of an ordinary copy-book. These holding-lugs a^2 may be reinforced with a sheathing a^0 of aluminium or other suitable metal, leather, or the like, as indicated in Fig. 8.

In the form of device shown in Fig. 7 the top portion A³ is represented as made of metal, such as aluminium, which is bent over, as at a^4 , to hold the ends of the blotting-pads. This top piece is provided with resilient tongues a^3 to hold the copy-slips and the hood-slip in place. These resilient tongues instead of being integral with the top piece, as shown at a^3 in Fig. 7, may be riveted or otherwise attached thereto, as shown at a^5 in Figs. 9 and 10, in which case a top piece of cardboard, celluloid, or the like may be used, while the tongues may be made of resilient metal.

The top piece of the pad shown in Figs. 1, 3, and 6 is made of cardboard, pasteboard, celluloid, aluminium, or other suitable material, and I do not confine the invention to the choice of any particular material or materials.

It will be seen that a cheap, simple, easily-operated, and extremely compact device is provided whereby a great many sentences may be arranged in condense form, and may be quickly and conveniently shifted by the pupil, without any special skill or care being required.

By having the pad flat, and the sentence to be copied always near the lower edge, the pupil can see the sentence just as it should appear on its copy-book, and can reproduce it with very little, if any, shifting of the eyes.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. In a copy-pad, the combination with a top piece cut away at the side, of a bottom portion secured to said top piece, and a copy-slip adapted to slide between said top piece and

said bottom portion and to be partly concealed by said top piece, substantially as described.

2. In a copy-pad, the combination with a top piece cut away at the side, of a bottom portion secured to said top piece near the ends thereof, and a reversible copy-slip adapted to slide between said top piece and said bottom portion and to be partly concealed by said top piece, substantially as described.

3. In a copy-pad, the combination with a top piece cut away at the side, of a bottom portion secured to said top piece near the ends thereof, a reversible slip adapted to slide between said top piece and said bottom portion and to be partly concealed by said top piece, and a hood-slip of opaque material sliding above said copy-slip, substantially as described.

4. In a copy-pad, the combination with a top piece cut away at the side, of a bottom portion secured to said top piece near the ends thereof, and a reversible copy-slip adapted to slide between said top piece and said bottom portion and to be partly concealed by said top piece, both sides of said slip having copy matter near the edges, substantially as described.

5. In a copy-pad, the combination with a top piece cut away at the side, of a bottom portion secured to said top piece near the ends thereof, a reversible copy-slip adapted to slide between said top piece and said bottom portion and to be partly concealed by said top piece, both sides of said slip having copy matter near the edges, and a hood-slip of opaque material sliding above said copy-slip, substantially as described.

6. In a copy-pad, the combination with a top piece cut away at the side, of a bottom portion secured to said top piece near the ends thereof, a copy-slip adapted to slide between said top piece and said bottom portion, and a hood-slip adapted to slide in the space between the top piece and the bottom portion to cover said copy-slip, substantially as described.

7. In a copy-pad, the combination with a top piece cut away at the side, of a bottom portion secured to said top piece near the ends thereof, a reversible copy-slip adapted to slide between said top piece and said bottom portion, and a hood-slip adapted to slide in the space between the top piece and the bottom portion and to cover said copy-slip, substantially as described.

8. In a copy-pad, the combination with a top piece cut away at the sides, of a bottom portion secured to said top piece near the ends thereof, a reversible copy-slip having oppositely-disposed copy matter printed on both edges and on both sides of the slip adapted to slide between said top piece and said bottom portion, and a hood-slip adapted to slide in the space between the top piece and the bottom portion and to cover said copy-slip, substantially as described.

9. In a copy-pad, the combination with a top piece cut away at the side, of a bottom portion secured to said top piece near the ends thereof, and a plurality of copy-slips adapted to slide between said top piece and said bottom portion, substantially as described.

10. In a copy-pad, the combination with a top piece cut away at the side, of a bottom portion secured to said top piece near the ends thereof, and a plurality of reversible copy-slips adapted to slide between said top piece and said bottom portion, substantially as described.

11. In a copy-pad, the combination with a top piece cut away at the side, of a bottom portion secured to said top piece near the ends thereof, a plurality of reversible slips adapted to slide between said top piece and said bottom portion, and a hood-slip of opaque material sliding above the upper copy-slip, substantially as described.

12. In a copy-pad, the combination with a top piece cut away at the side, of a bottom portion secured to said top piece near the ends thereof, and a plurality of reversible copy-slips adapted to slide between said top piece and said bottom portion, both sides of said copy-slips having copy matter near the edges, substantially as described.

13. In a copy-pad, the combination with a top piece cut away at the side, of a bottom portion secured to said top piece near the ends thereof, a plurality of reversible copy-slips adapted to slide between said top piece and said bottom portion, both sides of said copy-slips having copy matter near the edges, and a hood-slip of opaque material sliding above the upper copy-slip, substantially as described.

14. In a copy-pad, the combination with an I-shaped top piece cut away at both sides, of a bottom portion secured to said top piece near the ends thereof, a plurality of copy-slips adapted to slide between said top piece and said bottom portion, and a hood-slip adapted to slide in the space between the top piece and the bottom portion to cover the upper copy-slip, substantially as described.

15. In a copy-pad, the combination with an I-shaped top piece cut away at the sides, of a bottom portion secured to said top piece near the ends thereof, a plurality of reversible copy-slips adapted to slide between said top piece and said bottom portion, and a hood-slip adapted to slide in the space between the top piece and the bottom portion and to

cover the upper copy-slip, substantially as described.

16. In a copy-pad, the combination with an I-shaped top piece cut away at the sides, of a bottom portion secured to said top piece near the ends thereof, a plurality of reversible copy-slips having oppositely-disposed copy matter printed on both edges and on both sides of the slip adapted to slide between said top piece and said bottom portion, and a hood-slip adapted to slide in the space between the top piece and the bottom portion and to cover the upper copy-slip, substantially as described.

17. In a copy-pad, the combination with a top piece cut away at the sides and provided with holding tongues or projections, of a bottom portion secured to said top piece near the ends thereof, a copy-slip adapted to slide between said top piece and said bottom portion and to be held in place by said tongues or projections, and a hood-slip adapted to slide in the space between the top piece and the bottom portion to cover said copy-slip, substantially as described.

18. In a copy-pad, the combination with a top piece cut away at the sides and provided with holding tongues or projections, of a bottom portion secured to said top piece near the ends thereof, a reversible copy-slip adapted to slide between said top piece and said bottom portion and to be held in place by said tongues or projections, and a hood-slip adapted to slide in the space between the top piece and the bottom portion and to cover said copy-slip, substantially as described.

19. In a copy-pad, the combination with a top piece cut away at the sides and provided with holding tongues or projections, of a bottom portion secured to said top piece near the ends thereof, a reversible copy-slip having oppositely-disposed copy matter printed on both edges and on both sides of the slip adapted to slide between said top piece and said bottom portion and to be held in place by said tongues or projections, and a hood-slip adapted to slide in the space between the top piece and the bottom portion and to cover said copy-slip, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

THOMAS B. FERGUSON.

Witnesses:

J. STEPHEN GIUSTA,
GRAFTON L. MCGILL.