

No. 822,354.

PATENTED JUNE 5, 1906.

J. S. DUNCAN.
STENCIL FRAME.

APPLICATION FILED SEPT. 2, 1904.

Fig. 1.

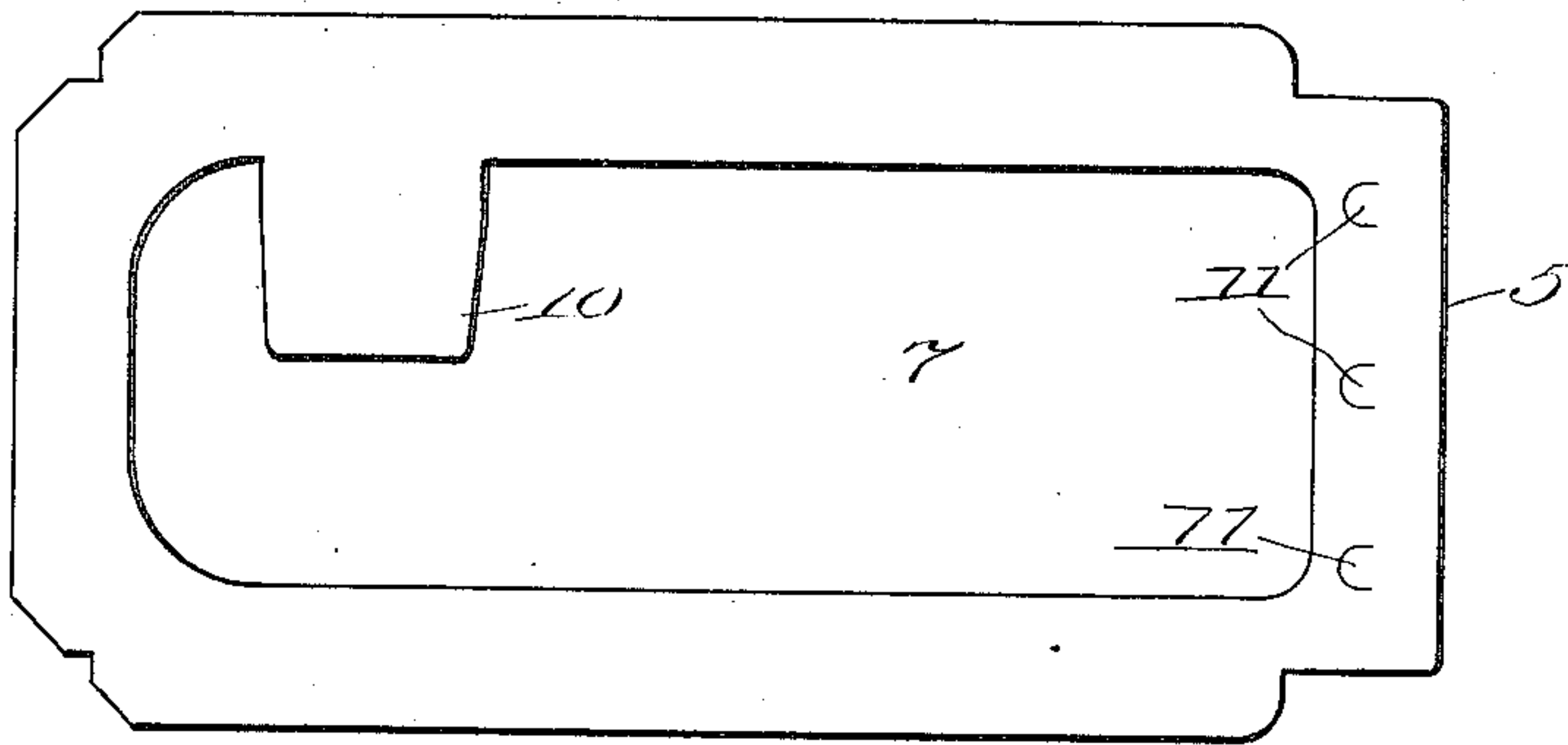


Fig. 2.

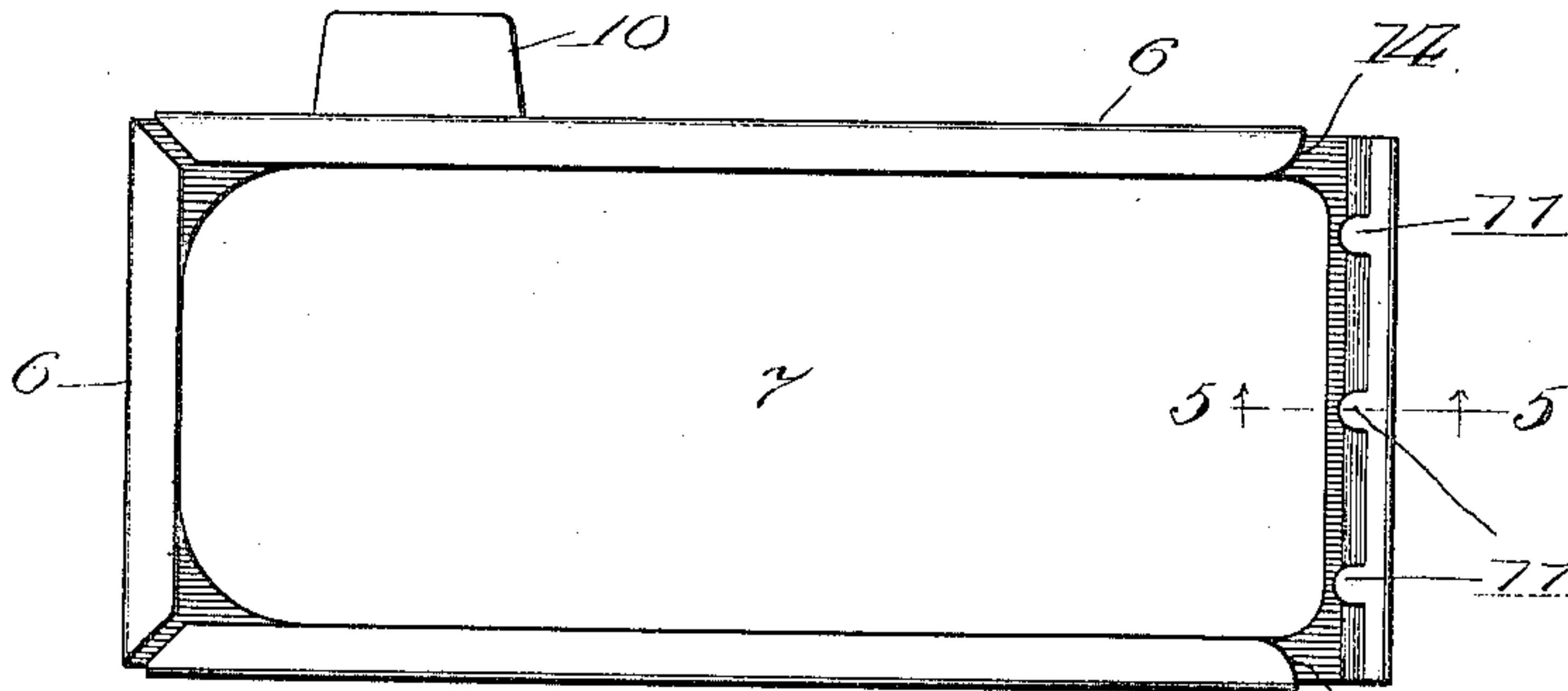


Fig. 3.

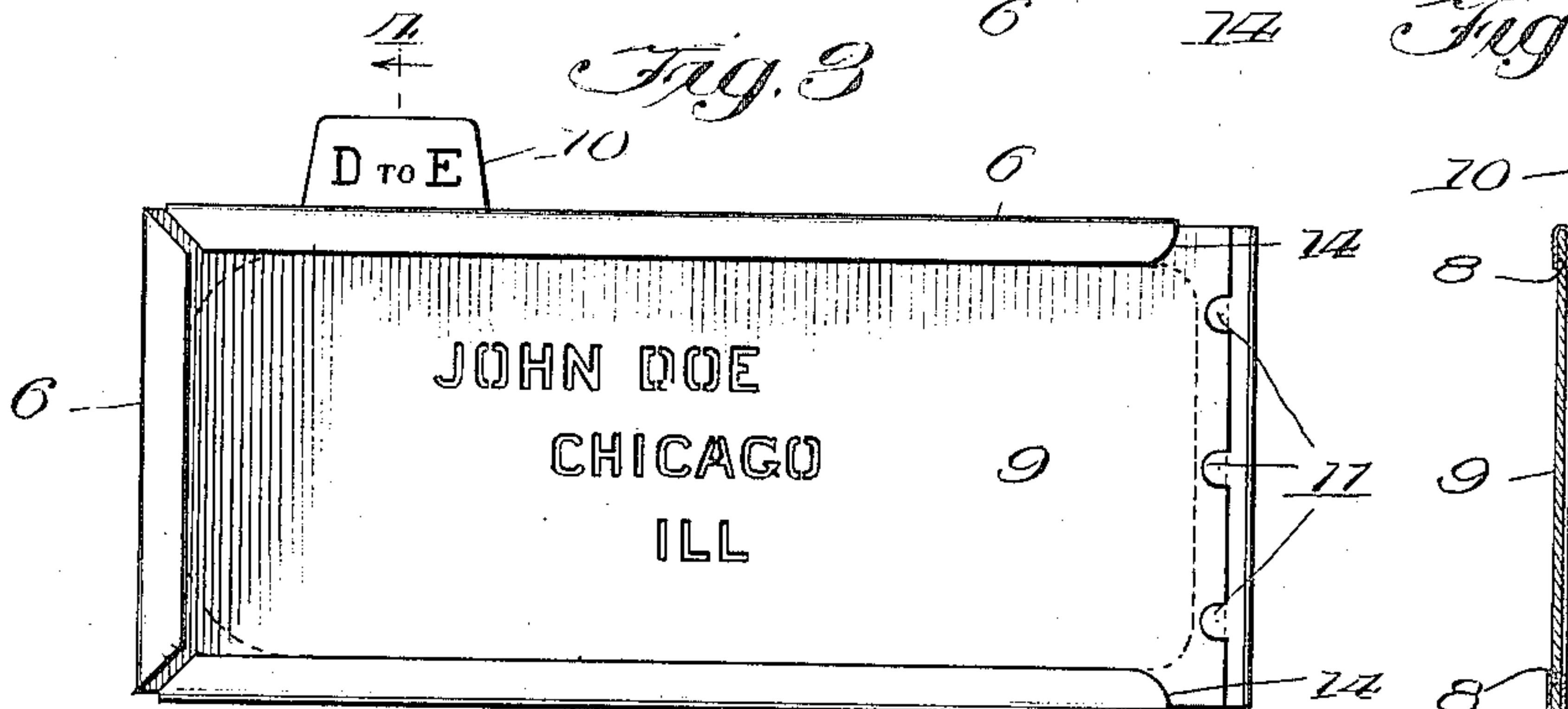
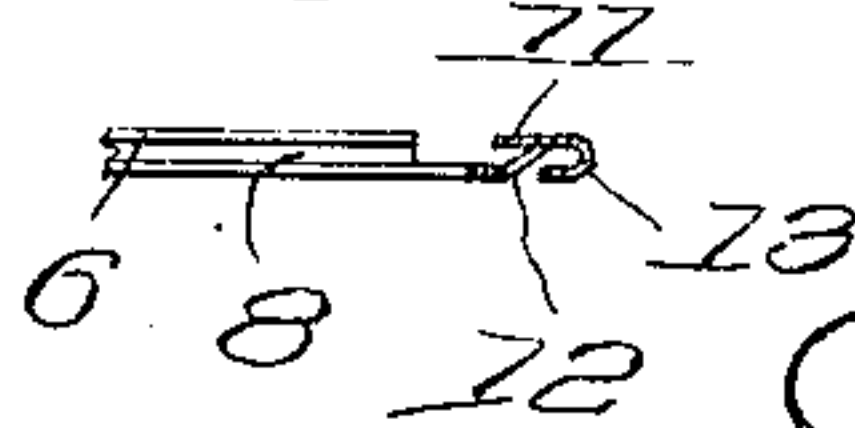


Fig. 4.



Fig. 5.



Witnesses:

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UNITED STATES PATENT OFFICE.

JOSEPH S. DUNCAN, OF CHICAGO, ILLINOIS, ASSIGNOR TO ADDRESSOGRAPH COMPANY, OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

STENCIL-FRAME.

No. 822,354.

Specification of Letters Patent.

Patented June 5, 1906.

Application filed September 2, 1904. Serial No. 223,096.

To all whom it may concern:

Be it known that I, JOSEPH S. DUNCAN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Stencil-Frames, of which the following is a specification.

The object of this invention is to provide a stencil-frame of simple and inexpensive construction and provided with an index-tab formed integrally therewith to adapt the stencil for use in a card-index system.

In the accompanying drawings, Figure 1 shows the blank from which the frame is formed. Fig. 2 is a plan view of the frame. Fig. 3 shows the stencil in the frame. Fig. 4 is a sectional view on the line 4 4 of Fig. 3. Fig. 5 is a detail sectional view on the line 5 5 of Fig. 2.

The blank 5, Fig. 1, is stamped out of a single sheet of metal and bent to form the skeleton frame 6, Fig. 2, which is entirely open at 7 between its sides and ends. The frame is provided with side and end channels 8 to receive the edges of the stencil 9, Fig. 4, which is slipped endwise into the frame at one end thereof and moved along to its final position, as shown in Fig. 3. An index-tab 10 is formed out of a portion of the material which is cut out of the frame to provide the opening 7. This tab is left projecting into the opening of the frame when the blank is formed, Fig. 1, after which it is bent upward behind and above the upper side of the frame. The tab may be located at any position between the ends of the frame and one or more tabs may be provided, as desired. Letters, numerals, or other characters may be stamped, printed, or affixed in any suitable manner to this tab as an index or for any other purpose whatever, and I have found it satisfactory to print directly upon the tab.

To facilitate the operations of inserting the stencil in the frame and removing it therefrom, I provide a channel at the entrance end of the frame, with a sectional upper wall formed by the projections 11, which are stamped up from the blank, as clearly shown in Fig. 5. The end of the blank which forms the entrance end of the frame is bent upwardly at an angle to the body of the frame to form a shoulder 12, beyond which this end of the blank is bent downward and back under the shoulder in the form of a bead 13,

which provides a smooth outer edge at this end of the frame, corresponding to the smooth edge at the other end and at the sides of the frame. Projections 11 are cut out of the shoulder 12 and bent at an angle thereto and in a direction preferably parallel with the back of the frame. The front wall of each side channel is cut away at 14 at the entrance end of the frame, so that the stencil may be readily inserted in said channels and moved along endwise into proper position in the frame, and the rear end of the stencil can be easily arranged beneath the projections 11, which will hold the stencil securely in place in the frame. Any number of projections 11 which will answer the purpose may be employed; but I consider three projections amply sufficient, and they are spaced apart, so that access can be had to the rear end of the stencil at any time to disengage it from the projections preliminary to removing the stencil from the frame. The stencil can be disengaged from the projections by inserting the finger-nail or a pin between the stencil and the shoulder 12, and this disengagement can be effected without injuring the stencil.

My improved stencil-frame is simple and inexpensive in construction and is adapted for use in a card-index system without additional cost of material.

The invention is particularly useful in connection with subscription-lists in which each subscriber has an individual number, for in such cases the number can be placed on the tab to correspond with the subscriber's name which appears on the stencil, and in this way the number is always associated with the subscriber's name, but does not appear in the printed impression from the stencil.

The construction of the frame is also advantageous in the respect that it permits the arrangement of the stencil in the frame and its removal therefrom easily and quickly and without danger of mutilating the stencil.

I do not limit the invention to the exact construction and arrangement of parts herein shown and described; but

What I do claim is—

A skeleton stencil-frame formed out of a single sheet of metal with side and end channels to receive the edges of the stencil, said frame having an opening between its sides and ends to permit an impression to be taken from the stencil and provided with a tab to

receive an index character, said tab being
formed out of a portion of the material cut
out to form said opening and bent up behind
and close to the upper side of the frame, one
5 end of said frame being bent up to form a
shoulder removed from the adjacent ends of
the side channels, and projections stamped
up from said shoulder and extending sub-

stantially parallel with the body of the frame
to form one wall of the channel at that end of 10
the frame.

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Witnesses:

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