

No. 659,788.

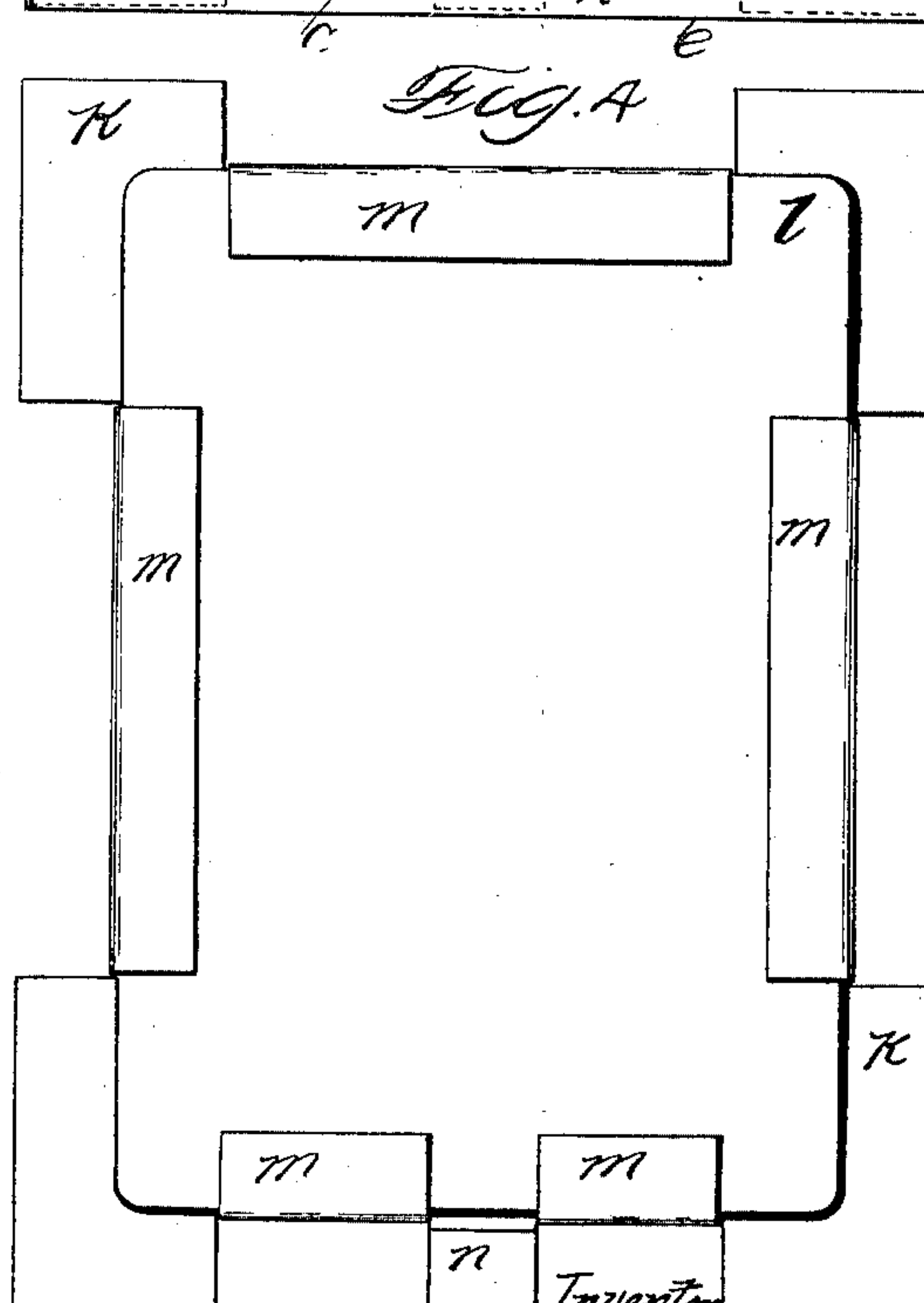
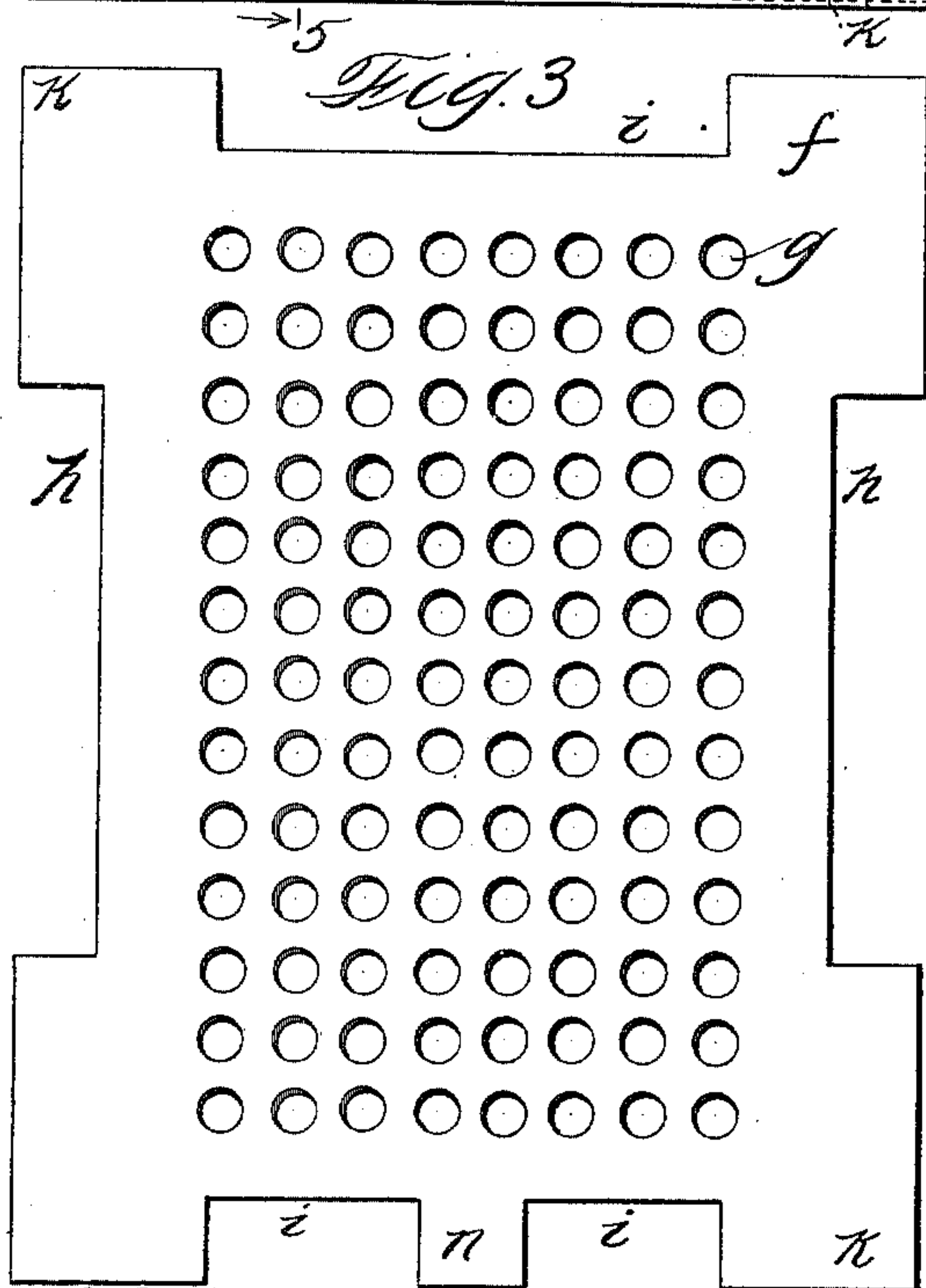
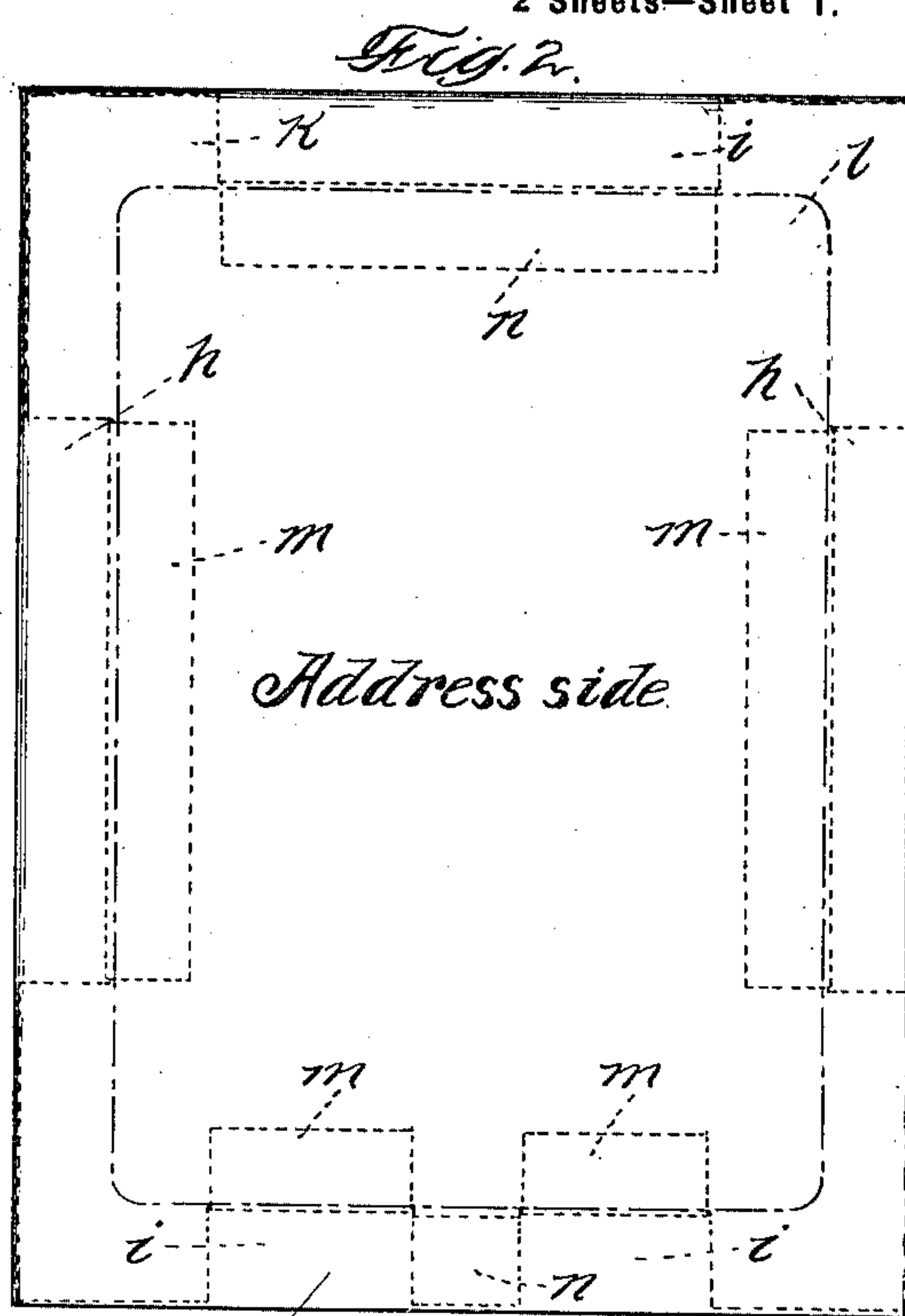
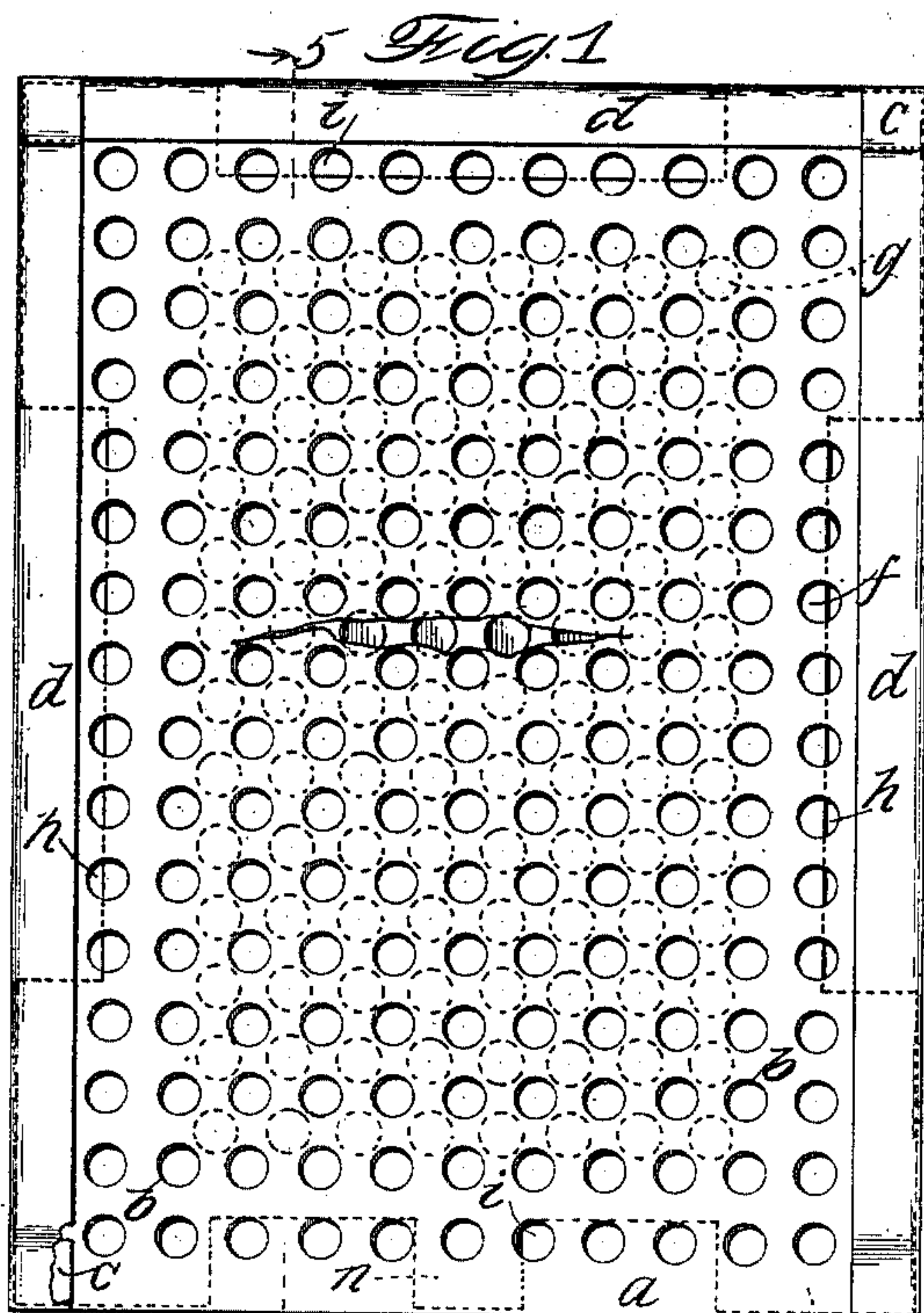
Patented Oct. 16, 1900.

E. H. CALLAHAN.
MAILING DEVICE.

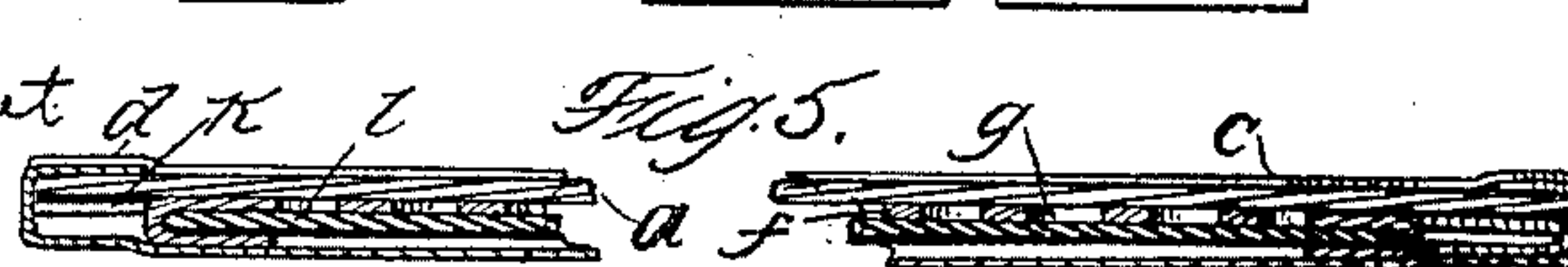
(Application filed July 22, 1899.)

(No Model.)

2 Sheets—Sheet 1.



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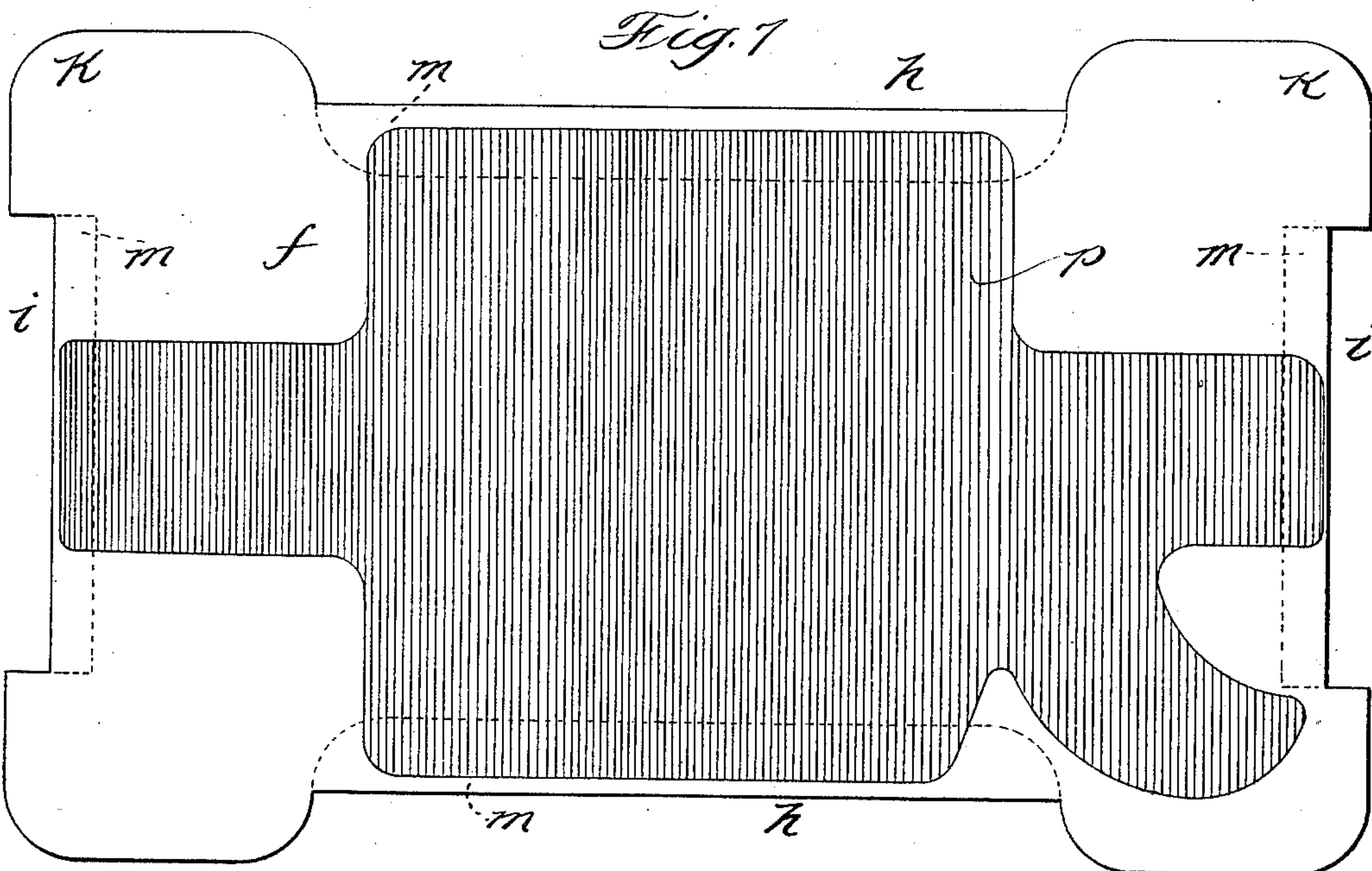
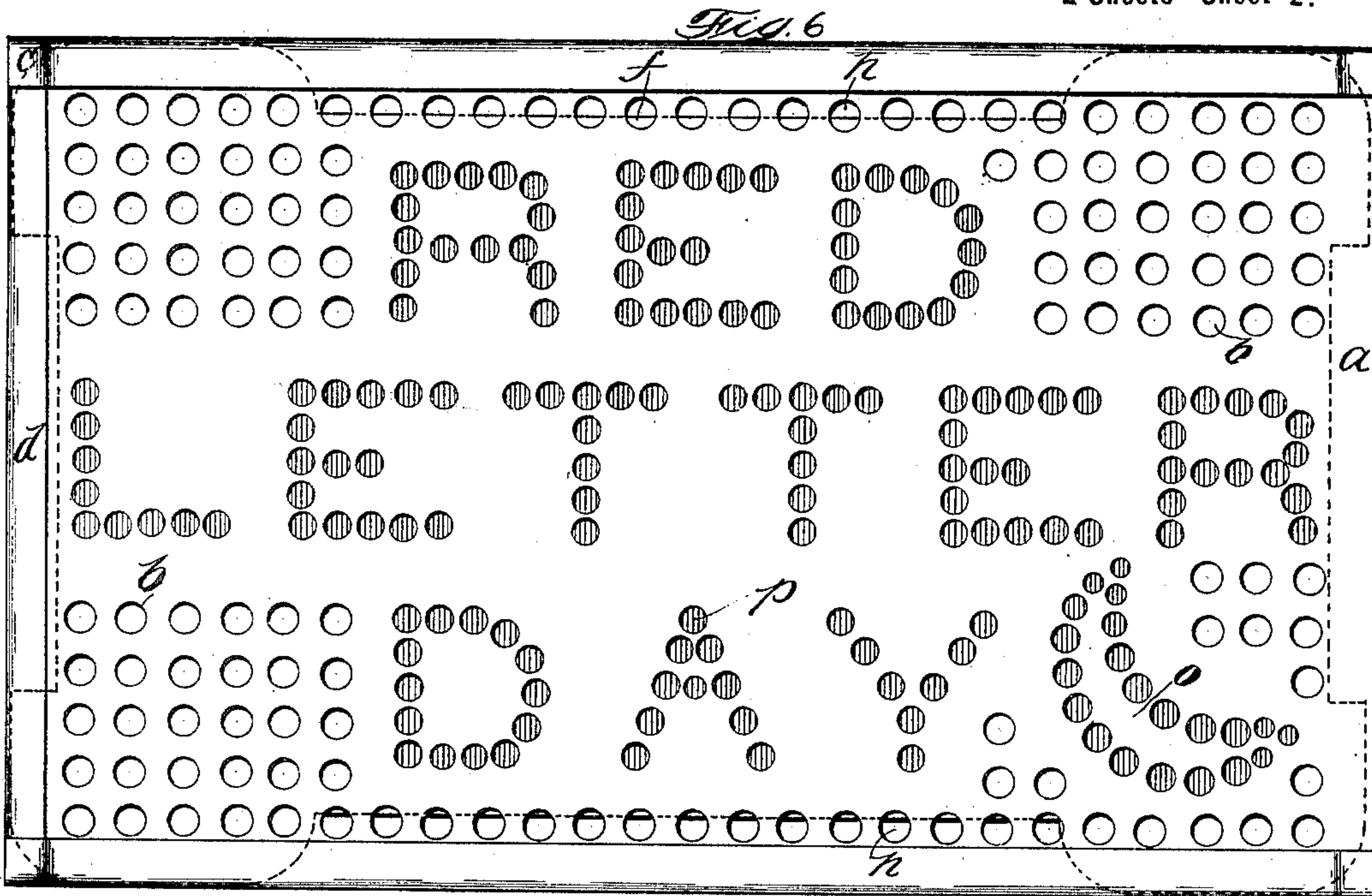
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MAILING DEVICE.

(Application filed July 22, 1899.)

(No Model.)

2 Sheets—Sheet 2.



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UNITED STATES PATENT OFFICE.

EARLE H. CALLAHAN, OF CHICAGO, ILLINOIS.

MAILING DEVICE.

SPECIFICATION forming part of Letters Patent No. 659,788, dated October 16, 1900.

Application filed July 22, 1899. Serial No. 724,735. (No model.)

To all whom it may concern:

Be it known that I, EARLE H. CALLAHAN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Mailing Devices, (Case No. 1,) of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates to mailing devices, and has for one of its objects so to construct mailing devices that the weight thereof may be reduced without impairing their strength. A second object of my invention is to provide an improved construction of mailing device to prevent the sides and corner portions of cards or thin flat packages from being mutilated in mailing.

A third object of my invention is so to construct mailing-envelops embodying other features of the invention that they may readily subserve advertising purposes.

One feature of my invention comprises an envelop formed in part of a board of fiber or other suitable material adapted to impart rigidity to the envelop, which board is preferably provided with rows of perforations to lighten the same, which perforations are so disposed that the rigidity of the board is not materially lessened thereby. In practice I preferably form one complete side of the envelop with a board thus provided with perforations, the remainder of the envelop being formed of a sheet of paper pasted or fastened at three of its margins to the edges of the board, the remaining margin of the paper being free of the board to afford an opening to the envelop for the insertion of the material to be inclosed. The envelop thus constructed forms in itself a complete receptacle for articles of certain character. Where, however, greater rigidity is required and where it is desirable to conceal and better protect the inclosed article, I provide a wrapper in the form of a card having marginal recesses, whereby projections are afforded at the corner portions of the retaining device, which extend beyond the inclosure to protect the edges thereof from damage, the retaining device at the same time affording additional rigidity and serving to conceal the inclosure. The card-

retaining device is also preferably provided with rows of holes to lighten the same, these holes being preferably so arranged with relation to the holes in the board forming a part of the envelop that they are hidden by the portions of the latter board between the holes therein.

Other features and objects of my invention will be more fully hereinafter described, and pointed out in the claims.

I will explain my invention more particularly by reference to the accompanying drawings, illustrating the preferred embodiment thereof, in which—

Figure 1 is a face view of a mailing-envelop constructed in accordance with the invention, a part being broken away to show certain features of construction more clearly. Fig. 2 is a view of the reverse side of the envelop shown in Fig. 1. Fig. 3 is a view of one face of my improved card-mailing device, adapted particularly for use in connection with the envelop shown in Figs. 1 and 2. Fig. 4 is a view of the reverse face of the card-mailing device, a card being shown in place. Fig. 5 is a cross-sectional view on line 5 5 of Fig. 1, parts being exaggerated more clearly to show the construction. Fig. 6 is a face view of a modification of the envelop shown in Figs. 1 and 2. Fig. 7 is a face view of a modification of the device shown in Figs. 3 and 4.

Like letters indicate similar parts in the views.

The envelop comprises a sheet *a* of strawboard, fiber, or any material affording the required stiffness, provided with several rows of holes *b*, extending longitudinally and transversely of the board, and a sheet of paper *c*, completely covering one face of the board and having three of its marginal portions *d d* turned about the corresponding edges of the board and pasted or otherwise fastened at the edge portions of the board upon the opposite face thereof. The fourth edge *e* of the paper being free of attachment with the board, an opening is afforded at this part of the envelop for the insertion of the inclosure. Ample space is afforded by the paper covering for the reception of the address or other matter that it may be desired to place upon the envelop.

Where it is desired more thoroughly to pro-

to protect the inclosure, to conceal the same, and to increase the rigidity of the envelop, I preferably employ the device illustrated in dotted lines in Figs. 1 and 2 and in full lines in Figs. 3, 4, and 5. This device consists of a board *f*, that may also be formed of fiber or other suitable material possessing the required stiffness and which may also be provided with a number of rows of holes *g*, extending transversely and longitudinally of the board to lighten the same without materially lessening the stiffness thereof. The board *f* is provided with longitudinal marginal recesses *h h* and transverse marginal recesses *i i*, which leave corner portions *k k* projecting beyond the recesses and beyond the inclosure *l*, which should not extend beyond the recesses.

In manufacturing the boards *f* I preferably employ the strips *m*, that are displaced to form the recesses *h i* to retain the inclosure in position, these strips or flaps being bent toward the middle of the card, as indicated most clearly in Fig. 4, for this purpose. I do not wish to be limited, however, to the precise means for securing the inclosure in place. A projecting portion *n*, forming a part of the board *f*, is also preferably provided for enabling the inclosure readily to be withdrawn. This portion *n* may be folded into a loop, which when unfolded projects beyond the envelop, as indicated in dotted lines in Fig. 5, to enable the board *f* more readily to be grasped.

In Figs. 6 and 7 I have shown a mailing device the envelop of which is reduced in weight by having the cardboard forming one side of the envelop provided with many perforations *b*. In order to have these perforations serve not only to lighten the weight of the envelop, but also serve to form characters or symbols, certain of the perforations may be so arranged to form the characters or symbols, which may be of an advertising nature. For example, in Fig. 6 certain of the perforations are arranged to form the words "Red letter day," and other perforations are arranged to form the representation of a crescent *o*. In order that the characters or symbols thus formed may be clearly apparent, I provide the surface beneath the characters with a color different from that of the exterior face of the cardboard to afford contrast in color between the exterior of the cardboard and the material appearing beneath the holes of the characters. Inasmuch as it is desirable to provide other holes upon the board forming one side of the envelop in addition to the holes forming the characters or symbols, it is desirable to provide contrast in color between the material appearing below the holes forming the characters and the additional holes in the cardboard. For this purpose I preferably provide the card *f*, which may have its corners rounded, as illustrated, to permit its ready insertion into and withdrawal from the envelop, with a sheet of colored paper *p* having an outline which will in-

close the symbols and which will not project beyond the holes forming the same, so that the desired contrast may be secured.

I do not wish to be limited to the location of the colored sheet of paper upon the inserted card *f*.

It is obvious that changes may be made from the precise structure herein shown and particularly described without departing from the spirit of the invention, and I do not therefore desire to be limited to the precise construction shown; but,

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. As a new article of manufacture, an envelop formed in part of a board provided with holes arranged longitudinally and transversely, and a second board to be disposed within the envelop having holes arranged longitudinally and transversely, but displaced with relation to the holes in the board of the envelop, to be covered by the material between the holes of the board of the envelop, substantially as described.

2. As a new article of manufacture, an envelop formed in part of a board provided with holes arranged longitudinally and transversely, a sheet of paper fastened at three of its edges to edges of the board, and a second board to be disposed within the envelop, having holes arranged longitudinally and transversely, but displaced with relation to the holes in the board of the envelop, to be covered by the material between the holes of the board of the envelop, substantially as described.

3. As a new article of manufacture, an envelop formed in part of a board provided with holes, and a second board to be disposed within the envelop having holes displaced with relation to the holes in the board of the envelop, to be covered by the material between the holes of the board of the envelop, substantially as described.

4. As a new article of manufacture, an envelop formed in part of a board provided with holes, a sheet of paper fastened at three of its edges to edges of the board, and a second board to be disposed within the envelop, having holes displaced with relation to the holes in the board of the envelop, to be covered by the material between the holes of the board of the envelop, substantially as described.

5. As a new article of manufacture, a board provided with marginal recesses, corner projections, flaps *m m* at the marginal recesses, and a projecting portion *n*, whereby the board may be readily grasped to be withdrawn from an envelop, said board being provided with longitudinal and transverse holes, substantially as described.

6. As a new article of manufacture, an envelop formed in part of a board having perforations forming characters or symbols therein, and additional perforations for further lightening the board, and a card *f* for inser-

tion within the envelop, and colored differently from the outer face of the cardboard, the color having an outline which incloses the characters and which does not inclose the said additional perforations, substantially as described.

7. As a complete new article of manufacture, an envelop comprising a stiff, rectangular board provided with holes therethrough, arranged longitudinally and transversely thereof, said board forming one side of the envelop, and a sheet of thin paper secured to three edges of the board and being free from the fourth edge of the board, to permit of the insertion of contents, a space intervening between the paper and board to receive said contents, substantially as described.

8. As a complete new article of manufacture, an envelop comprising a stiff board provided with holes therethrough arranged longitudinally and transversely thereof, said board forming one side of the envelop, and a portion of paper engaged by three edges of the board and forming the other side of the

envelop, a space intervening between the board and paper for the reception of contents, substantially as described.

9. As a complete new article of manufacture, an envelop comprising a stiff, rectangular board provided with holes therethrough, arranged longitudinally and transversely thereof, said board forming one side of the envelop, and a sheet of thin paper secured to three edges of the board and being free from the fourth edge of the board, to permit of the insertion of contents, a space intervening between the paper and one face of the board to receive said contents, said board being free of covering upon its other face, the perforations being exposed, substantially as described.

In witness whereof I hereunto subscribe my name this 20th day of July, A. D. 1899.

EARLE H. CALLAHAN.

Witnesses:

GEORGE L. CRAGG,
CHARLES E. HUBERT.