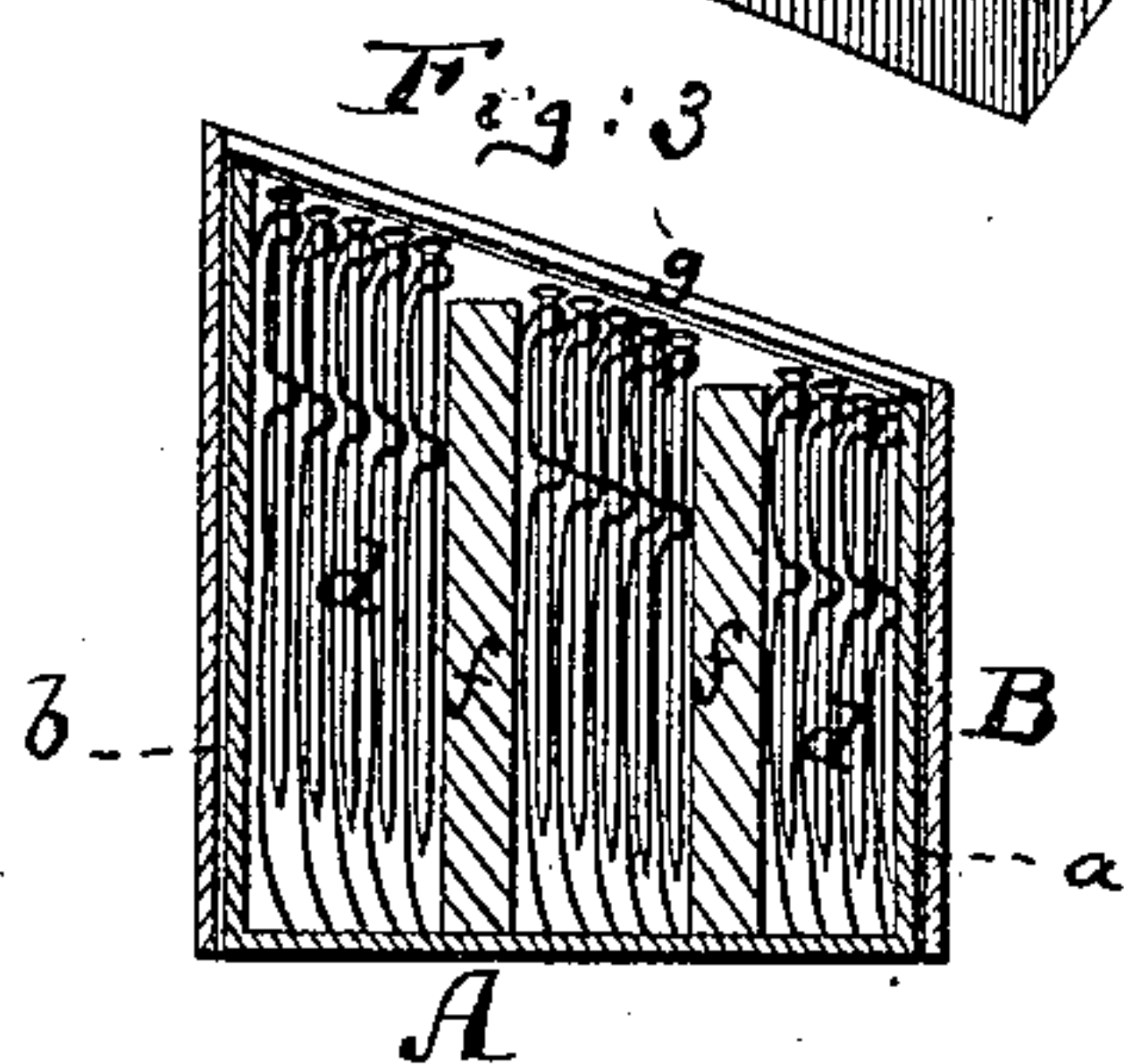
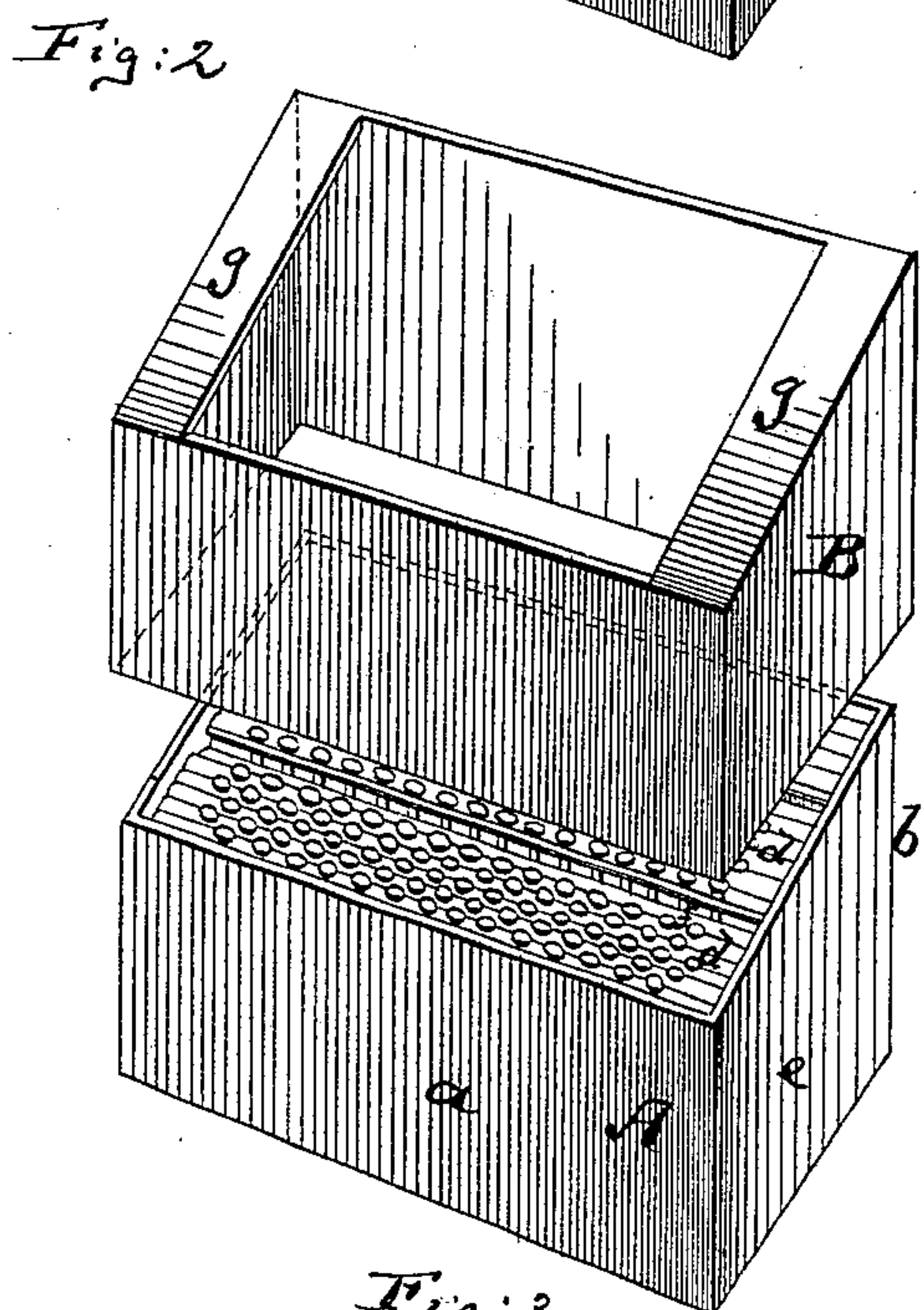
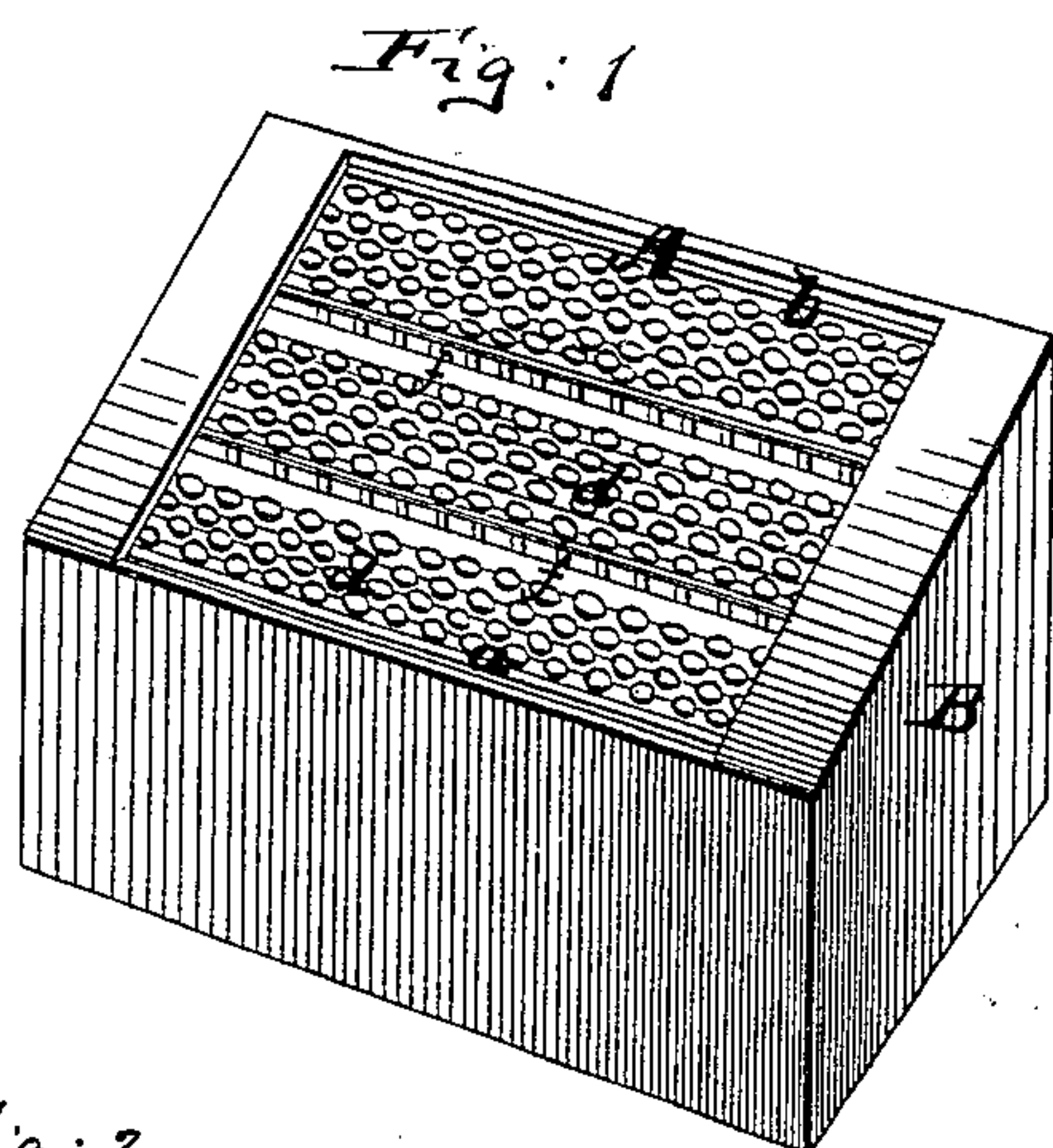


(No Model.)

E. P. HAFF.  
PIN PACKAGE.

No. 246,611.

Patented Sept. 6, 1881.



*Witnesses.*

*John C. Ironbridge.*  
*Harry F. Rankin.*

*Inventor.*

*Edward P. Haff*  
*by his attorneys*  
*Brienen & Betts*



# UNITED STATES PATENT OFFICE.

EDWARD P. HAFF, OF BROOKLYN, NEW YORK.

## PIN-PACKAGE.

SPECIFICATION forming part of Letters Patent No. 246,611, dated September 6, 1881.

Application filed May 17, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, EDWARD P. HAFF, of Brooklyn, in the county of Kings and State of New York, have invented an Improved Pin-  
5 Package, of which the following is a specification.

Figure 1 is a perspective view of my improved pin-package; Fig. 2, a perspective view of the same, showing it disjointed; Fig. 3, a  
10 vertical cross-section of the same.

This invention has for its object to provide a package for holding pins of varying sizes in convenient position for the removal of each individual pin or of the several papers holding  
15 the pins.

Pins have heretofore been stuck through paper holders that were formed into coils and placed upon a conical bottom, so that the heads of the pins formed a cone, allowing each  
20 pin to be easily reached; but this arrangement did not allow of the use in one package of pins of different lengths, which it is my endeavor to permit to be so used, and which necessarily, therefore, are put through separate papers,  
25 each of which papers holds pins of different lengths from the other papers in the same package.

My invention consists in combining with a box having a flat bottom and inclined upper  
30 face an inclosing or partially-covering shell having inwardly-projecting flanges which partly overlap the papers that hold the pins, thereby retaining them in place and preventing the lifting up of the papers whenever any  
35 pin or pins may require removal.

My invention also consists in interposing between the several rows of papers that hold pins of different lengths separating blocks or strips  
40 of wood or other material not quite as high as the heads of the pins, to give convenient access to all the pins in the box; also, in a pin-box having inclined top, combined with pin-papers having pins of different lengths.

The improved box made by me can be easily  
45 refilled by any lady with pins of different sizes to suit her convenience, and used for an indefinite length of time.

In the accompanying drawings, the letter A represents a box closed at the sides, ends, and  
50 bottom, but open at the top. This box may be

made of metal, pasteboard, wood, or other material, of proper size, and is made with tapering end pieces, so that its front *a* is lower than its back *b*, thereby making its top inclined. Into this box are placed rows *d d* of paper  
55 strips, having pins of the requisite lengths stuck into them, the rows of papers being so placed into the box that the shortest pins are nearest the front *a* and the longest pins nearest the back *b*. The intermediate sizes are between the  
60 longest and the shortest pins in the box. The heads of the pins are at the top of each strip, and are about in line with the upper edges of the end pieces, *ee*, of the box. By thus placing the strips of paper into the box the heads of the  
65 several pins are on different levels, and each pin can be readily reached and taken out.

In order to avoid confusion and indicate to the user where one length of pins terminates and another commences, strips *f*, of wood or  
70 other material, are placed between the papers that hold the different kinds of pins, as indicated in Fig. 3. These strips also greatly assist in giving access to the heads of the pins, so that the finger-nails can be readily brought  
75 under them to take them out; but where these strips *f*, of wood or other material, are not desired, the indication of the difference in the lengths of the pins may be obtained by using papers of different colors for the several lengths  
80 of pins.

B is a shell or outer boxing, of such size and form that it will fit over the box A. This box, which is also made of sheet metal, pasteboard, wood, or other suitable material, is open at the  
85 bottom and at the top, but has at the top, near each end, inwardly-projecting flanges *g*, which, when the shell B is placed over the box A, rest on the ends of the paper strips *d d* and serve to confine them in place, so that when a pin is  
90 removed there will be no danger of lifting the paper into which it is stuck out of the box A. When a size of pins has become exhausted the shell B is taken off, as in Fig. 2, the empty papers thrown away, and full papers put in  
95 their place, whereupon the shell B is replaced, as in Fig. 1.

In lieu of the shell B, one or more elastic bands may be employed to hold the papers *d* in place.

I claim—

1. The box A, having inclined top, combined with separate and separated strips *d d* of paper holding pins of varying lengths, substantially as described.
- 5 2. The box A, having inclined top, combined with strips *d d* of paper holding pins of varying lengths, and with the interposed blocks or strips *f f* for separating the several papers, substantially as specified.
- 10 3. The combination of the box A, having open top, with the open cover or shell B, having top flanges, *g g*, but otherwise open on top, all arranged so that said cover or shell holds the papers of pins in the box, but permits the ready removal of the pins from the papers.

EDWARD P. HAFF.

Witnesses:

WILLY G. E. SCHULTZ,  
JULIUS HÜLSEN, Jr.