

O. H. BLOOD.
Show-Case.

No. 216,371.

Patented June 10, 1879.

Fig 1.

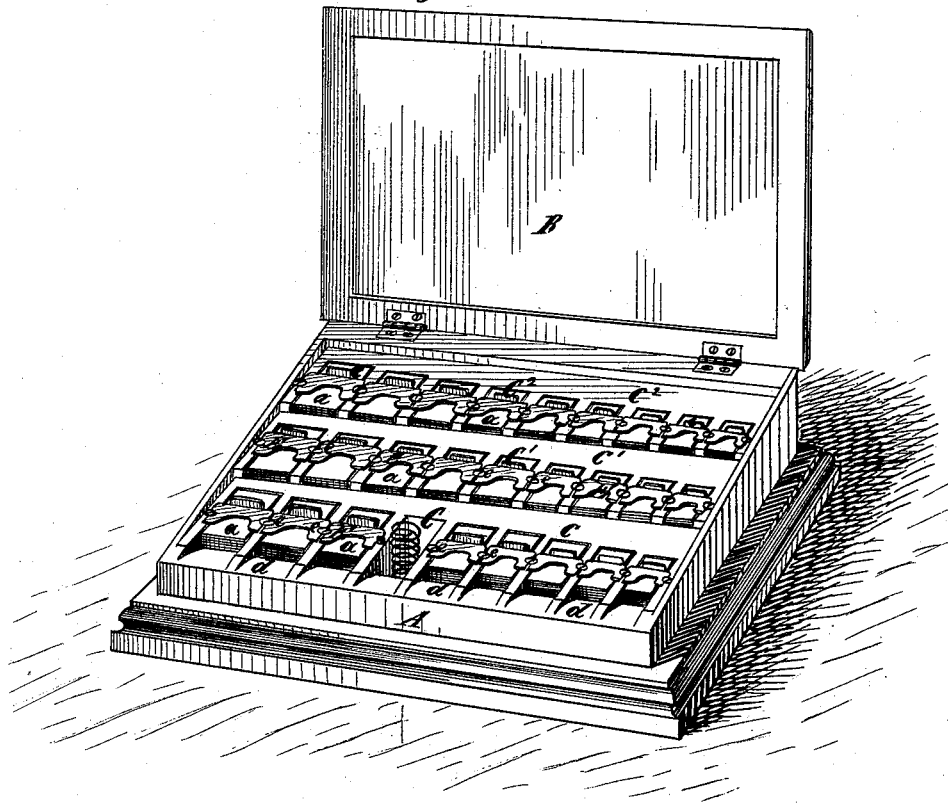
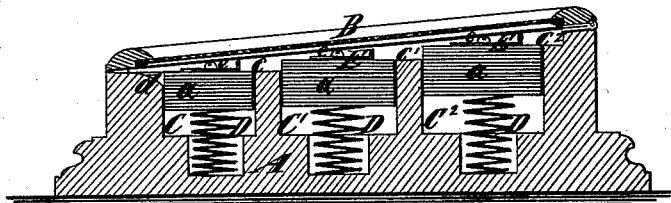


Fig 2.



witnesses.

John Becker
Geo. S. Sargent

Inventor

Oliver H. Blood
by his Attorneys
Prout & Brown

UNITED STATES PATENT OFFICE.

OLIVER H. BLOOD, OF NEW YORK, N. Y.

IMPROVEMENT IN SHOW-CASES.

Specification forming part of Letters Patent No. **216,371**, dated June 10, 1879; application filed November 16, 1878.

To all whom it may concern:

Be it known that I, OLIVER HOWARD BLOOD, of New York, in the county and State of New York, have invented certain new and useful Improvements in Show-Cases for Needles, of which the following is a specification.

The object of my invention is to provide a show-case in which papers of needles of various sizes and grades may be attractively exhibited, and from which one or more papers may be very conveniently removed at pleasure.

My invention consists of a show-case for needles in papers, constructed of a suitable box, provided with a series of rectangular cells or compartments, in which are arranged coiled springs, on which the packages are placed, the upper edges of the divisions forming the cells being provided with lips, beneath which are arranged sliding plates, which are of such size as to leave the front portion of the cells entirely open, so as to expose the packages of needles, whereby they can be slipped out endwise or edgewise from beneath the sliding plates, when the action of the coiled springs will force the remaining packages of needles upward and clamp them under the sliding plate, the latter being removable, so that a number of packages of needles can all be placed at one time in the cells or compartments from the top thereof; all of which will be fully hereinafter set forth.

In the accompanying drawings, Figure 1 represents a perspective view of a show-case embodying my improvements, and Fig. 2 a transverse section thereof.

Similar letters of reference designate corresponding parts in both figures.

A designates the body of the show-case, which is represented as formed of a solid piece or block of wood, and as provided with moldings for enhancing its appearance. It is furnished with a hinged cover, B, which is preferably glazed, so that the papers of needles may be inspected without raising it.

C¹ C² designate series of cells or compartments, which are of different sizes, for the reception of papers of needles, *a*, of various sizes, and which are here represented as sunk in the piece or block of wood forming the

body of the show-case. The body of the show-case may, however, consist of a box, in which are placed partitions of wood or other material, forming cells or compartments. Each of said cells or compartments is furnished with a spring, D, which presses the papers of needles upward, and as fast as one paper is removed causes another paper to take its place.

To prevent the papers from being thrown out of the cells or compartments by the resilience of the springs D, I provide sliding covers E, (represented as consisting of pieces of sheet metal,) one end of which is bent up at right angles to the main portion, thus forming a thumb-piece for the insertion and removal of the sliding cover.

Screws *e* are inserted in the divisions between the cells or compartments, and the sliding covers being slipped under their heads, are properly guided while being inserted and withdrawn.

To facilitate the removal of the papers of needles, the top surface of the body of the show-case is formed in steps or levels *c c'* *c''*, the step or level *c'*, in which are the cells or compartments C¹, being higher than the step or bevel *c*, in which are the cells or compartments C, and the step or level *c''*, in which are the cells or compartments C², being higher than the step or level *c'*, in which are the cells or compartments C¹.

The lower edges of the cells or compartments C are also preferably rounded, as represented at *d*, to facilitate the removal of papers therefrom.

It will be seen that the sliding plates E are arranged transversely across the cells or compartments, and only cover a portion of the same, leaving the entire front portion of the cells or compartments uncovered, thereby exposing the ends of the upper packages, so as to permit the same to be grasped and drawn out endwise from beneath the sliding plate or cover, the spring beneath the remaining packages of needles serving to force the same upward and clamp them against the said sliding plates.

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

A show-case for papers of needles consist-

ing of the body, provided with a series of longitudinal and transverse divisions, to form the cells or compartments, arranged at different levels or heights, the upper edges of the divisions being provided with lugs or lips, beneath which are arranged sliding plates, constructed to leave the front ends of the cells uncovered to expose the ends of the packages

of needles, said cells or compartments being provided with springs for clamping the packages against the sliding plates, all substantially as and for the purpose set forth.

O. HOWARD BLOOD.

Witnesses:

T. J. KEANE,
FRED. HAYNES.