

No. 613,896.

Patented Nov. 8, 1898.

W. H. WINSLOW.
METAL BOUND BOARD.
(Application filed Nov. 26, 1897.)

(No Model.)

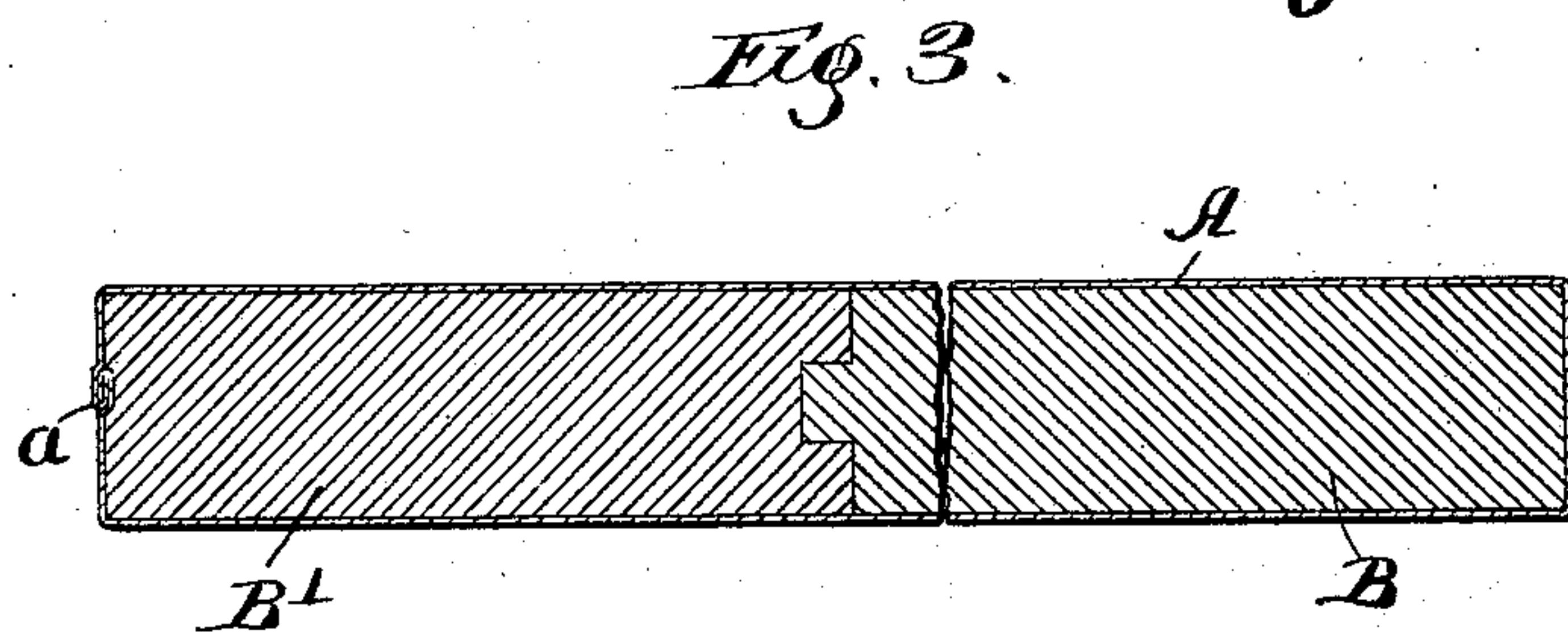
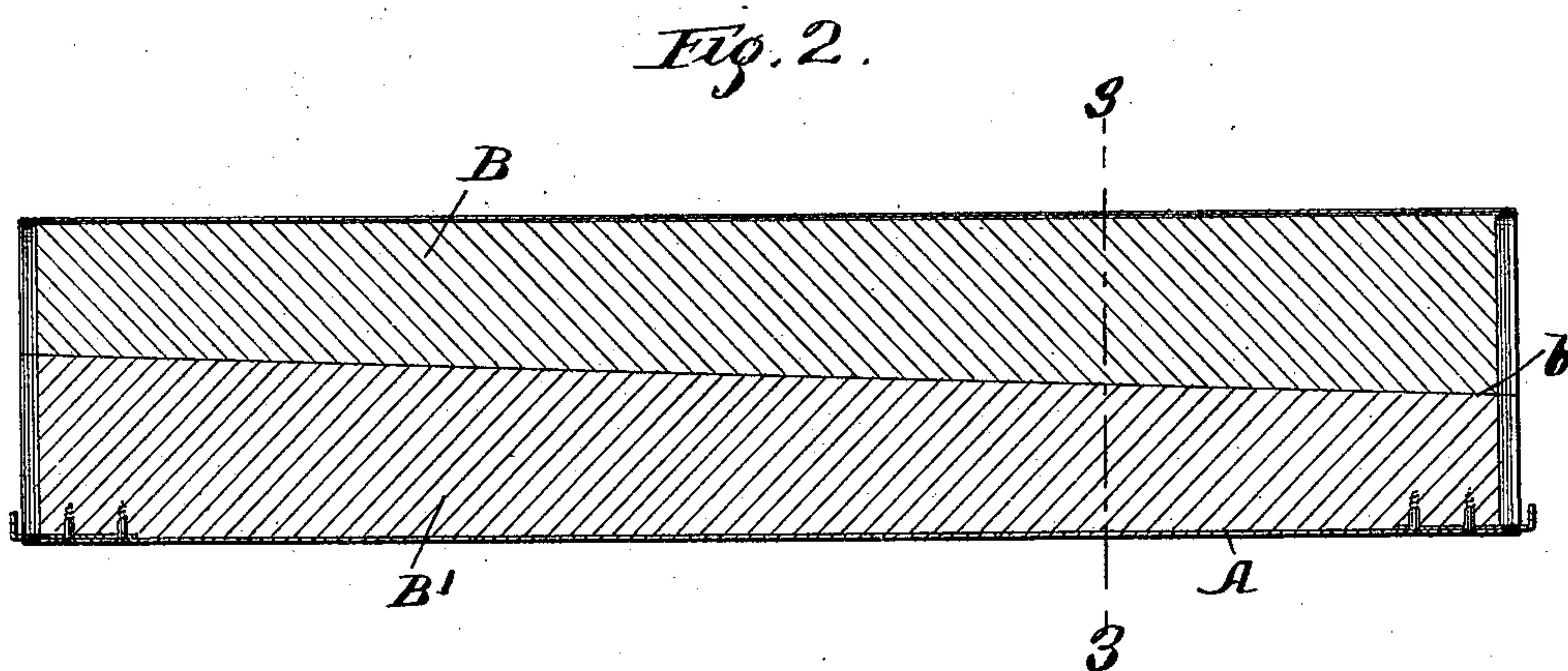
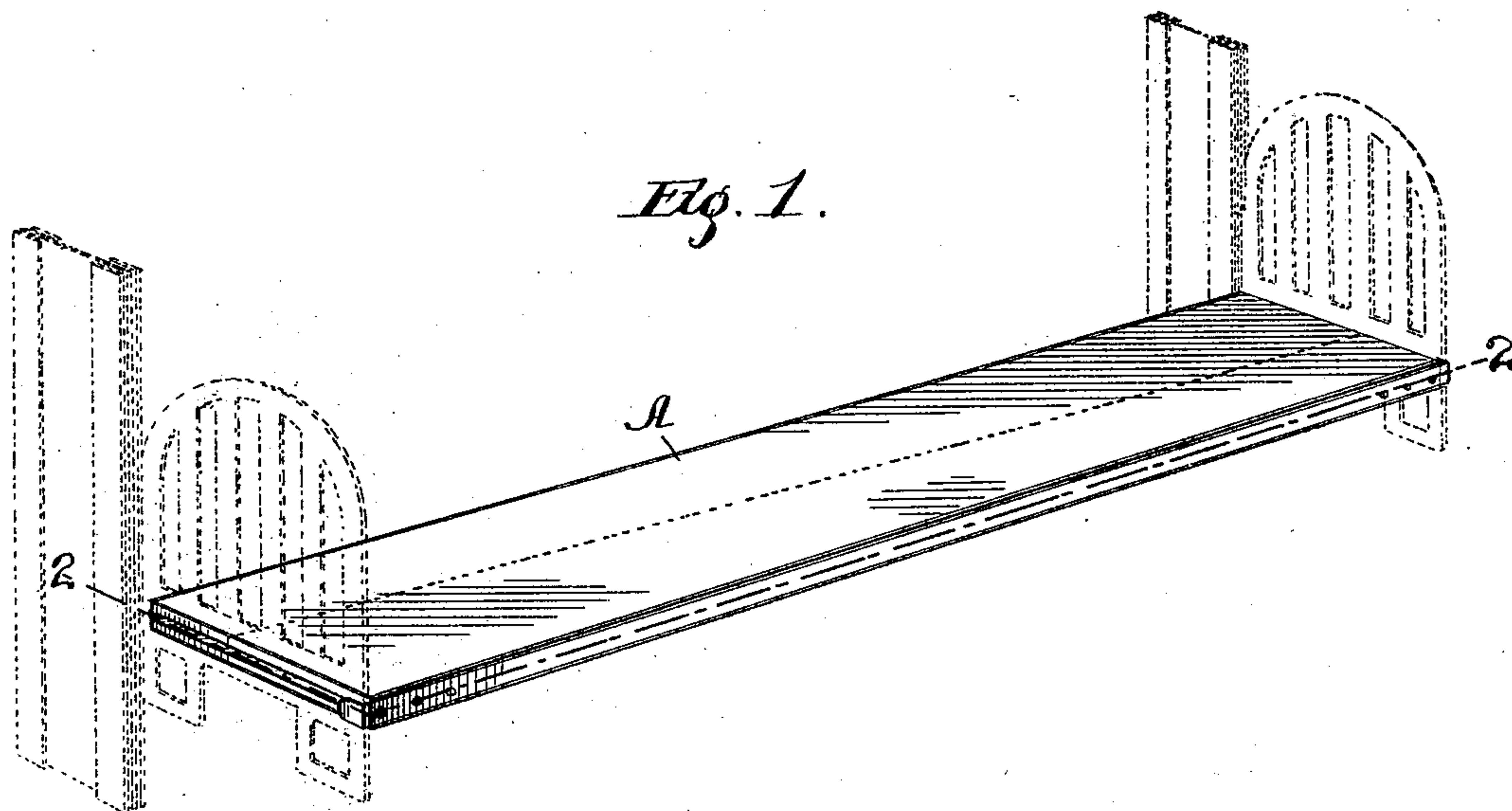
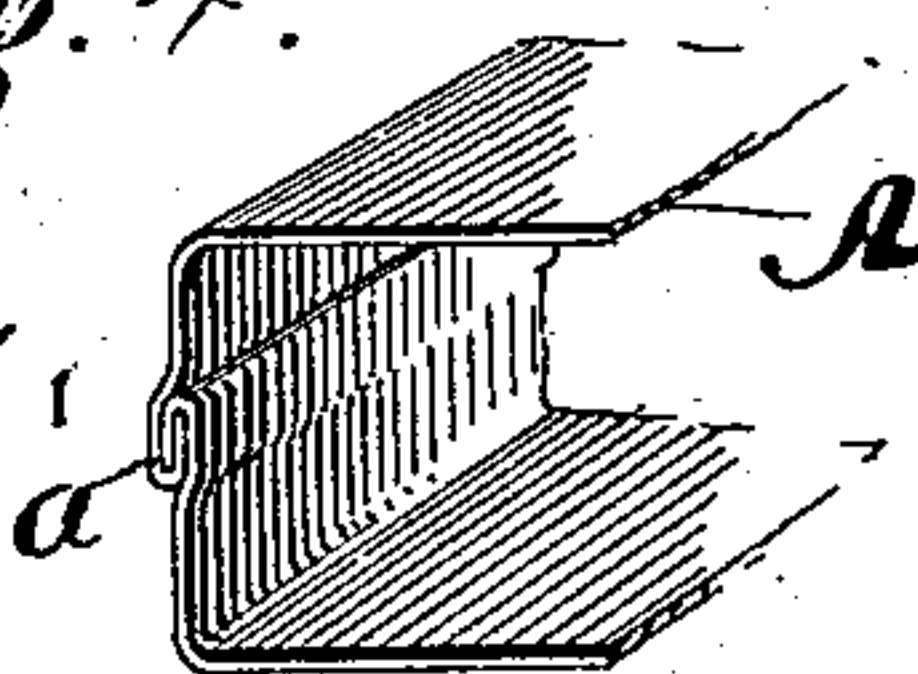


Fig. 4.
Witnesses:
Chas. O. Shovey
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Attys

UNITED STATES PATENT OFFICE.

WILLIAM H. WINSLOW, OF CHICAGO, ILLINOIS.

METAL-BOUND BOARD.

SPECIFICATION forming part of Letters Patent No. 613,896, dated November 8, 1898.

Application filed November 26, 1897. Serial No. 659,832. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. WINSLOW, a citizen of the United States of America, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Metal-Bound Boards for Shelving and the Like, of which the following is a specification.

My invention relates to a metal-bound board designed especially with reference to use in shelving—as, for instance, in libraries, drug-stores, and any other place in which a neat and durable finish is desired.

The purpose of the invention is to enable an attractive and practically indestructible surface to be provided without the use of expensive materials, as is ordinarily necessary in the case of ordinary wood shelving, and also without necessitating a great amount or labor in polishing the surface of the shelves.

To such end the invention consists in a certain combination of novel features, which will be described in the preferred form in connection with the drawings presented herewith and the essential portions thereof pointed out in the appended claims.

In the drawings, Figure 1 is a perspective of a board designed especially for use as a library-shelf and illustrating one form of my invention. Fig. 2 is a longitudinal horizontal section of said board in line 2 2 of Fig. 1. Fig. 3 is a transverse section, upon a larger scale, in line 3 3 of Fig. 2; and Fig. 4 is a perspective of the joint in the metal covering described below.

Referring to the drawings, A is a metal covering or envelop, which may be made of a piece of tubing, but which I prefer to make by folding sheet metal upon itself and joining it together in the form of a flattened tube with the ordinary stovepipe-joint shown at *a* in Fig. 4. This tubular envelop is preferably shaped to the desired cross-section of the shelf (here shown as rectangular) and a filling made of cheap wood or other suitable material is provided, as is seen at B B'. This fill-

ing is divided longitudinally and in a slightly oblique line *b* to form two wedge-shaped sections, in order that after the filling has been inserted in the envelop it may be expanded until the covering is bound tightly thereon. The expansion is effected by forcing inward the larger ends of the two sections, and thus wedging them one upon the other.

It is of course obvious that considerable modification is possible in the specific form and arrangement and a great variety of materials may be used. I desire, therefore, not to limit myself to the specific device here shown in any of these respects.

It should be noticed that the two wedge-shaped sections of the filling are provided with a tongue-and-groove joint. I prefer this construction for the reason that it prevents any lateral displacement of one section upon the other.

I claim as new and desire to secure by Letters Patent—

1. A metal-bound board consisting of a metal covering in the form of a flattened tube and a filling composed of two or more wedge-shaped sections whereby the filling may be expanded within the covering by wedging the sections one upon the other; substantially as described.

2. A metal-bound board consisting of a metal covering in the form of a flattened tube and a filling composed of two or more wedge-shaped sections having a tongue-and-groove joint whereby the filling may be expanded within the covering and lateral displacement of one section upon another prevented; substantially as described.

In witness whereof I have hereunto set my hand, at Chicago, in the county of Cook and State of Illinois, this 18th day of November, A. D. 1897.

WILLIAM H. WINSLOW.

Witnesses:

CHAS. O. SHERVEY,
A. I. H. NELSON.