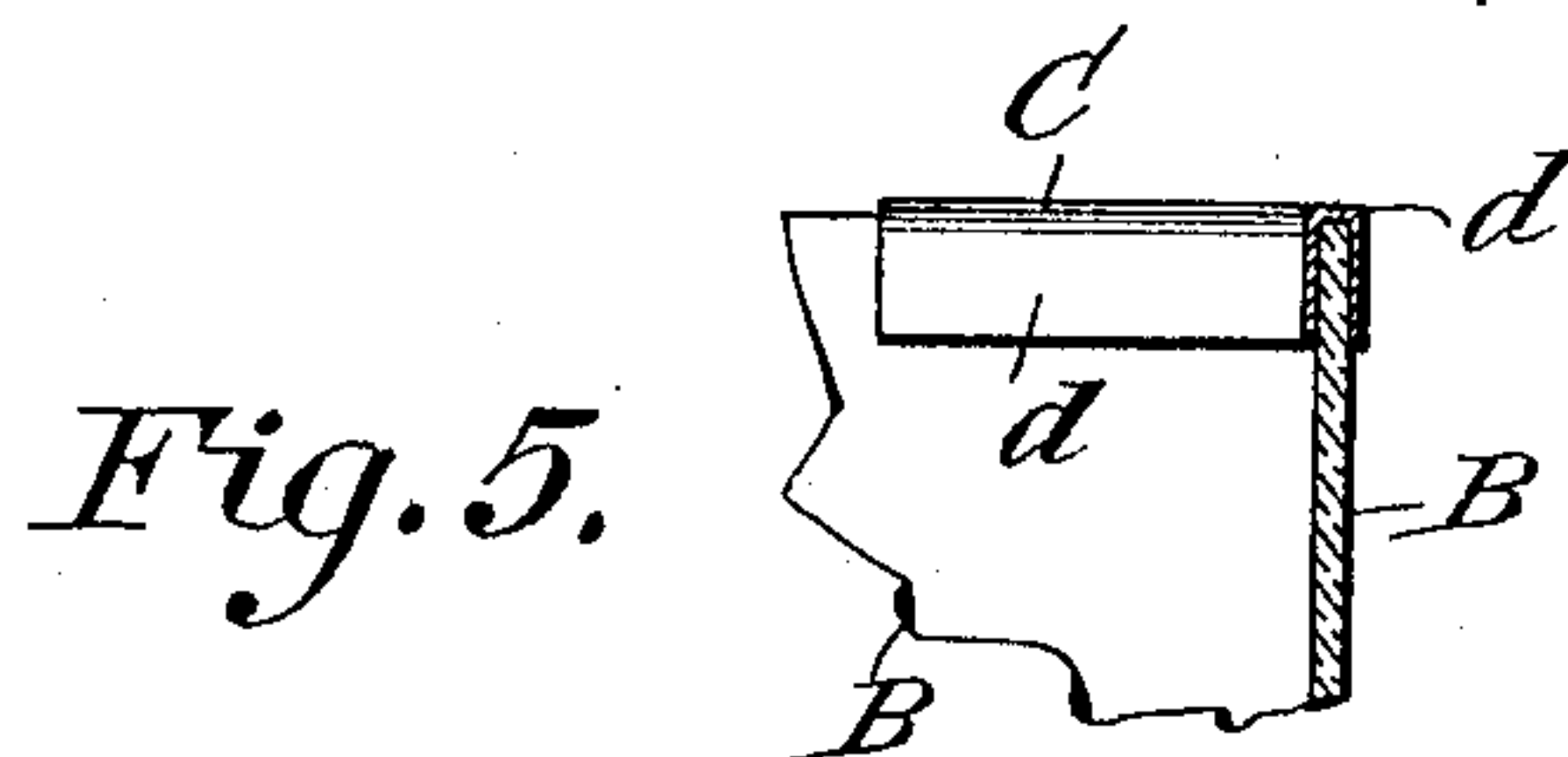
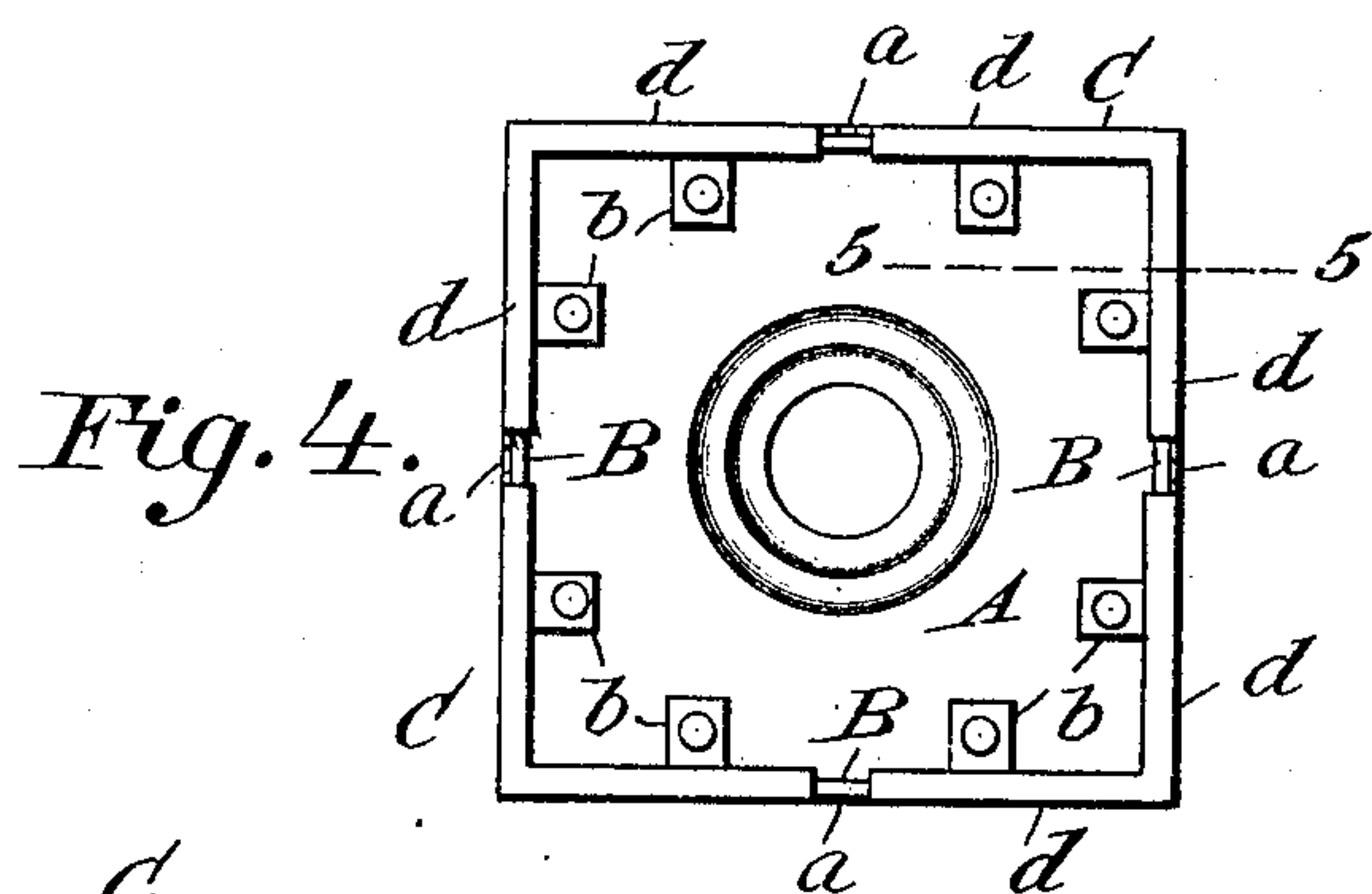
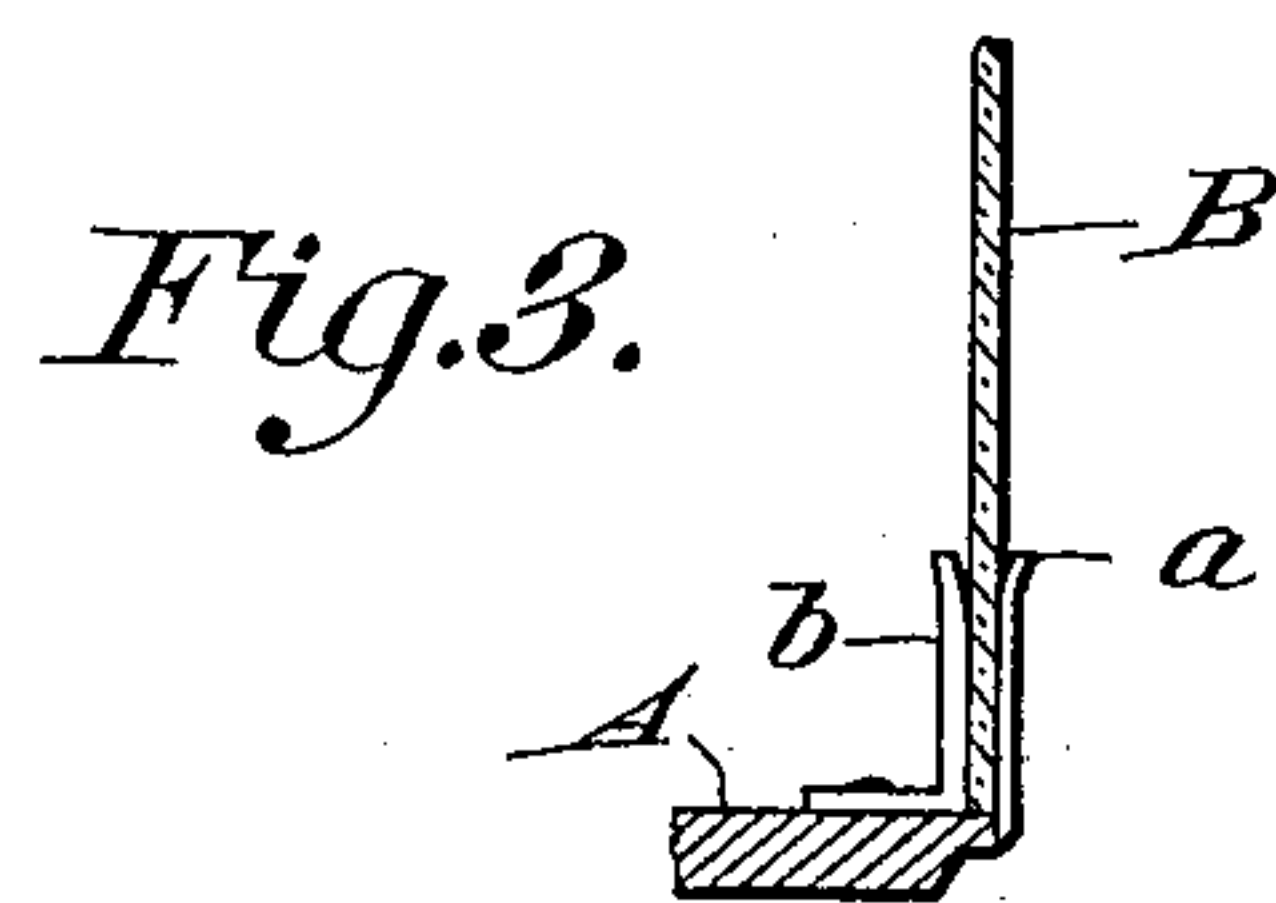
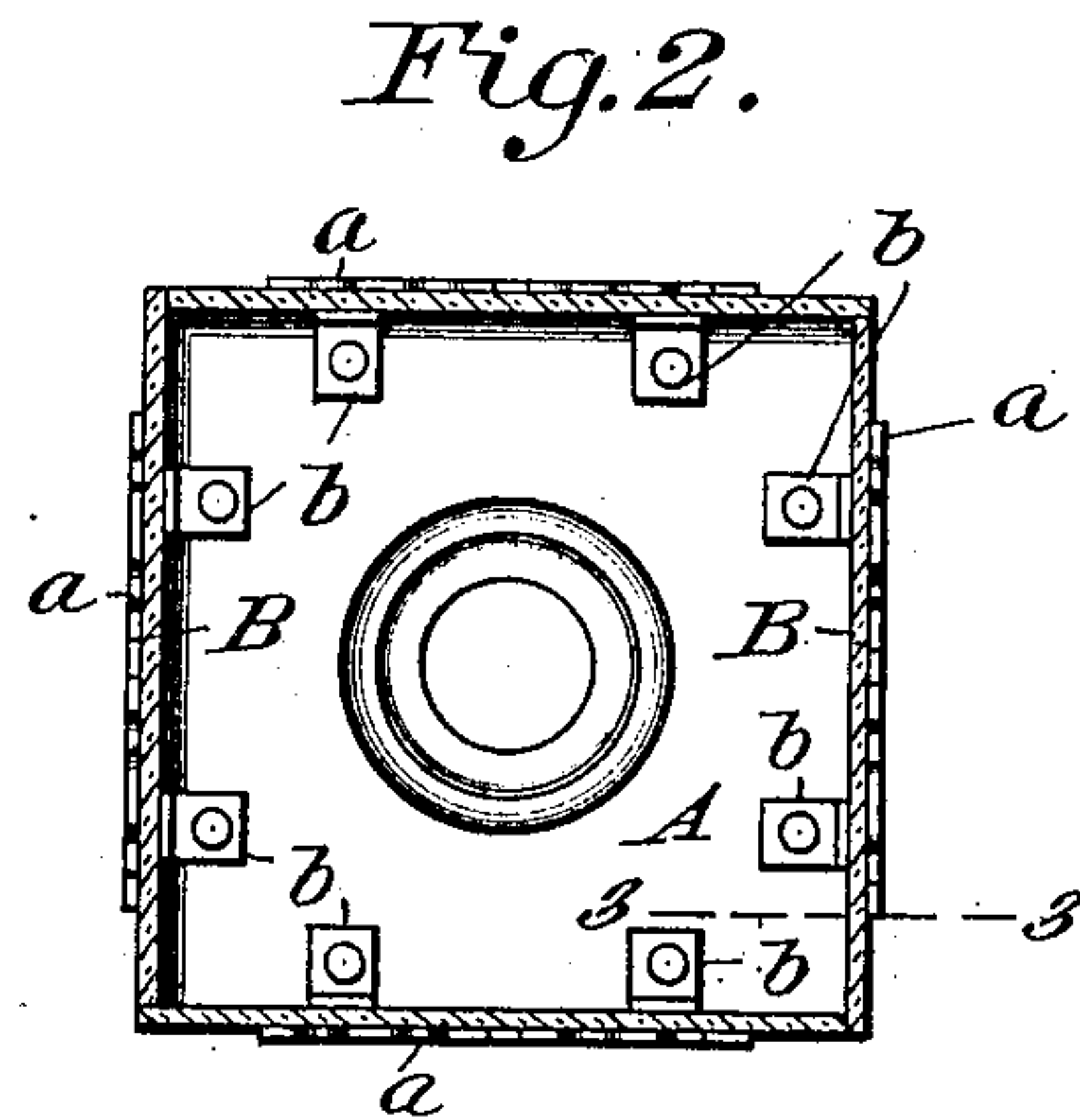
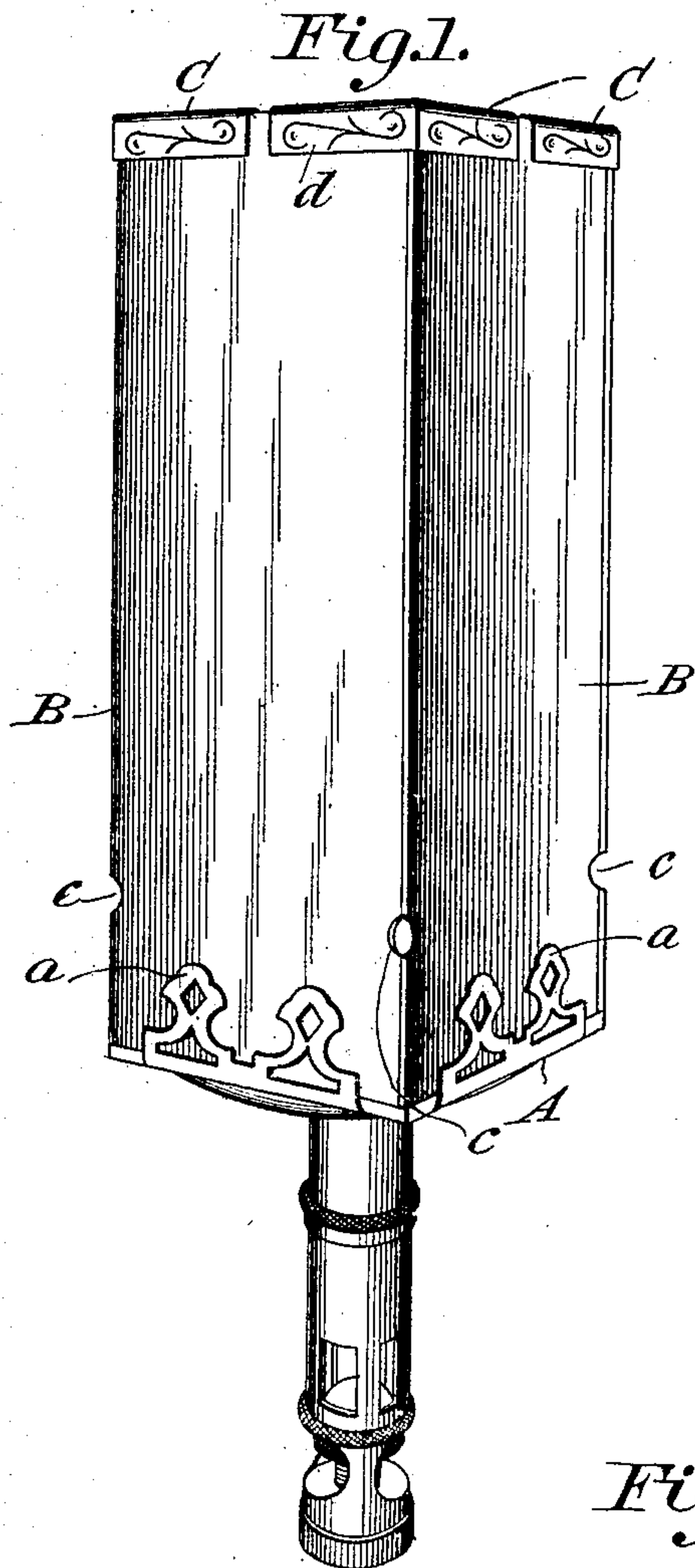


919,550.

Patented Apr. 27, 1909.



Witnesses

*Phil E. Barnes*  
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By

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# UNITED STATES PATENT OFFICE.

NEIL B. DIETERICH, OF ST. JOSEPH, MISSOURI.

## CHIMNEY.

No. 919,550.

Specification of Letters Patent.

Patented April 27, 1909.

Application filed January 22, 1909. Serial No. 473,708.

*To all whom it may concern:*

Be it known that I, NEIL B. DIETERICH, citizen of the United States, residing at St. Joseph, in the county of Buchanan and State of Missouri, have invented new and useful Improvements in Chimneys, of which the following is a specification.

My invention relates to chimneys such as are designed more particularly for use in connection with gas lights, and are made up of separable sections or panels and means detachably holding the same together; and it consists in the peculiar and advantageous chimney hereinafter described and particularly pointed out in the claim appended.

In the accompanying drawings: Figure 1 is a perspective view of the chimney constituting the best practical embodiment of my invention of which I am cognizant. Fig. 2 is a horizontal section taken through the sections or panels of the chimney and looking downwardly on the base thereof. Fig. 3 is a detail vertical section taken in the plane indicated by the line 3—3 of Fig. 2, and showing the arrangement of one glass section or panel in its holder on the chimney base. Fig. 4 is a plan view of the chimney, and Fig. 5 is a detail vertical section taken in the plane indicated by the line 5—5 of Fig. 4, and showing the manner in which one of the top corner holders straddle adjacent panes or sections of glass.

Similar letters designate corresponding parts in all of the views of the drawings, referring to which:

A is the base of my novel chimney.

B B are the upright sections or panels of the chimney which are preferably of glass and may, when desirable, be colored, and C C are the top corner holders for connecting the upper ends of adjacent panels B and holding the same in proper relation.

The base A is preferably rectangular in outline, and is provided adjacent its four sides with upwardly reaching holders designed to seat the panels B after the manner best shown in Figs. 2 and 3. Each of the said holders is made up of an outer member *a* and one or more inner members *b*, and in the preferred embodiment of my invention the said members are possessed of resiliency, so that while a panel B may be readily interposed between the same and as readily removed when necessity demands, there is no liability of the panel being shaken or otherwise casu-

ally displaced incidental to the use of the chimney.

As best shown in Figs. 1 and 2, the panels B are arranged to form a chimney of rectangular form in cross-section; the vertical edges of the panels being arranged and held in close proximity so as to efficiently shield the light against drafts of air. I would have it understood, however, in this connection, that when deemed desirable the meeting edges of the lower portions of the panels may be notched, as indicated by *c*, this in order to admit air into the lower portion of the chimney when the same is necessary to support combustion.

The top corner holders C are formed, by preference, of metal, and are each of right angle configuration. It will also be noted that each of the holders C is provided with arms *d* which are shaped to straddle and snugly receive the upper ends of adjoining panels B.

In the practical use of my improvements it will be manifest that when the panels B are seated in their respective holders on the base A, and the top corner holders C are positioned on the upper ends of the panels, after the manner shown in Figs. 1 and 4, the several panels will be rigidly held together and in consequence will form an efficient chimney. It will also be manifest that when any two of the top corner holders C are lifted off the panels, one of the panels may be expeditiously and easily removed and replaced with a new panel and then the corner holders mentioned may be replaced without in any way affecting the other panels. This will be appreciated as an important advantage when it is borne in mind that a crack in one of the panels will entail the loss of that panel alone.

It will further be understood from the foregoing that both the base and the several top corner holders of my novel chimney are susceptible of being fashioned in an ornamental manner of metal, and that therefore the said base and top corner holders are calculated to enhance rather than detract from the finished appearance of the chimney.

Another advantage following from my improvements resides in the fact that the chimney may be packed and shipped in a knocked-down state, this with a view of saving in space and lessening the liability of the panels being cracked or broken.

The construction herein illustrated and de-

scribed constitutes the best practical embodiment of my invention of which I am aware, but I would have it understood that in the future practice of the invention such  
5 changes in the form, construction and relative arrangement of the parts may be made as fairly fall within the spirit of my claimed invention.

Having described my invention, what I  
10 claim and desire to secure by Letters-Patent, is:

A chimney for gas and other lights, comprising a base having holding means, separable panels forming in cross-section a rectangle and removably arranged in the said  
15

holding means of the base and having their upright edges arranged in close proximity, and separable, top-corner-holders, of inverted channel-form in cross-section, and of right angle configuration, each removably  
20 arranged on and straddling the upper ends of two adjacent panels and detachably connecting said ends together.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.  
25

NEIL B. DIETERICH.

Witnesses:

GUSTAVE A. VOLLMER,  
ROBERT E. BROWN.