

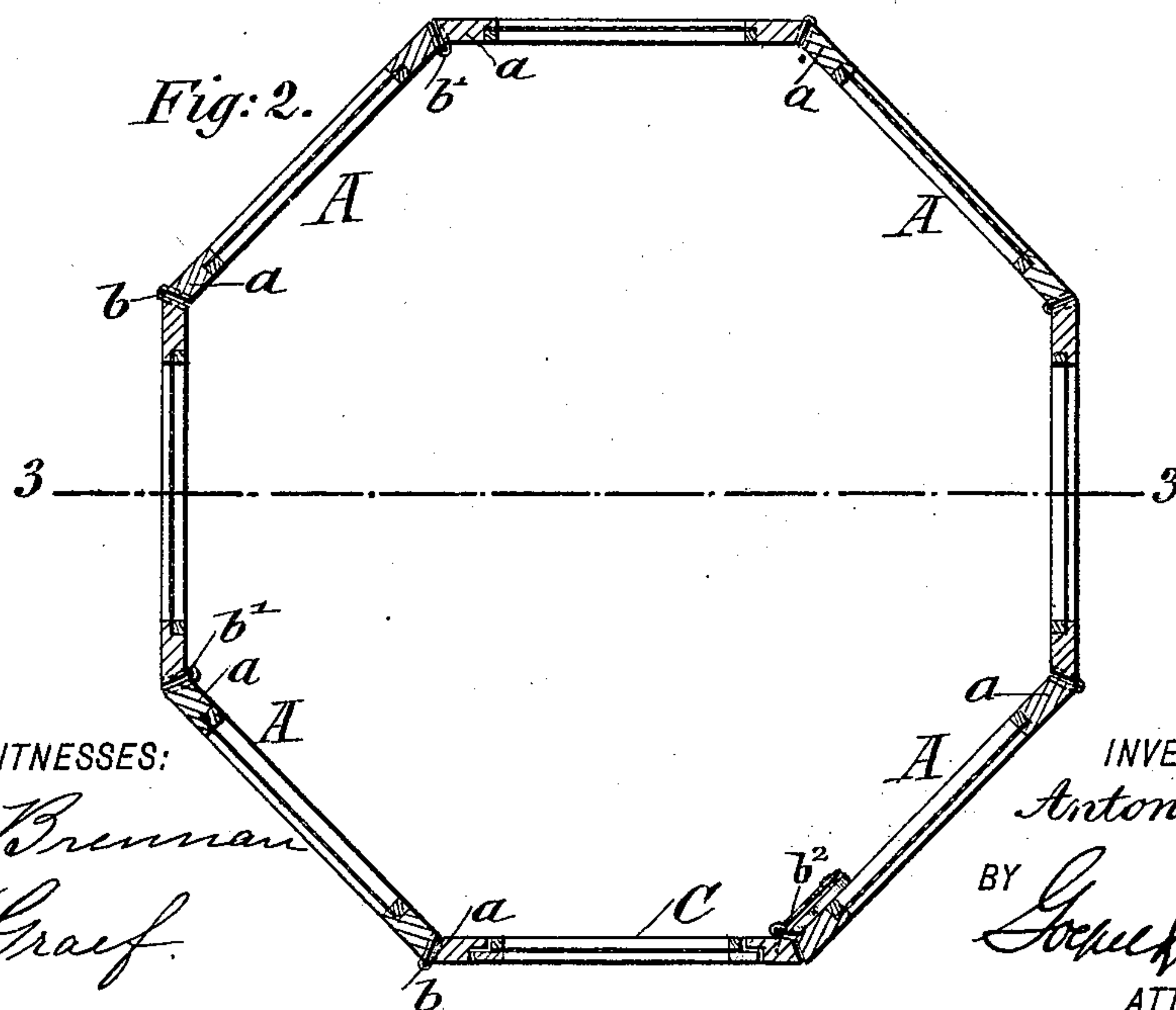
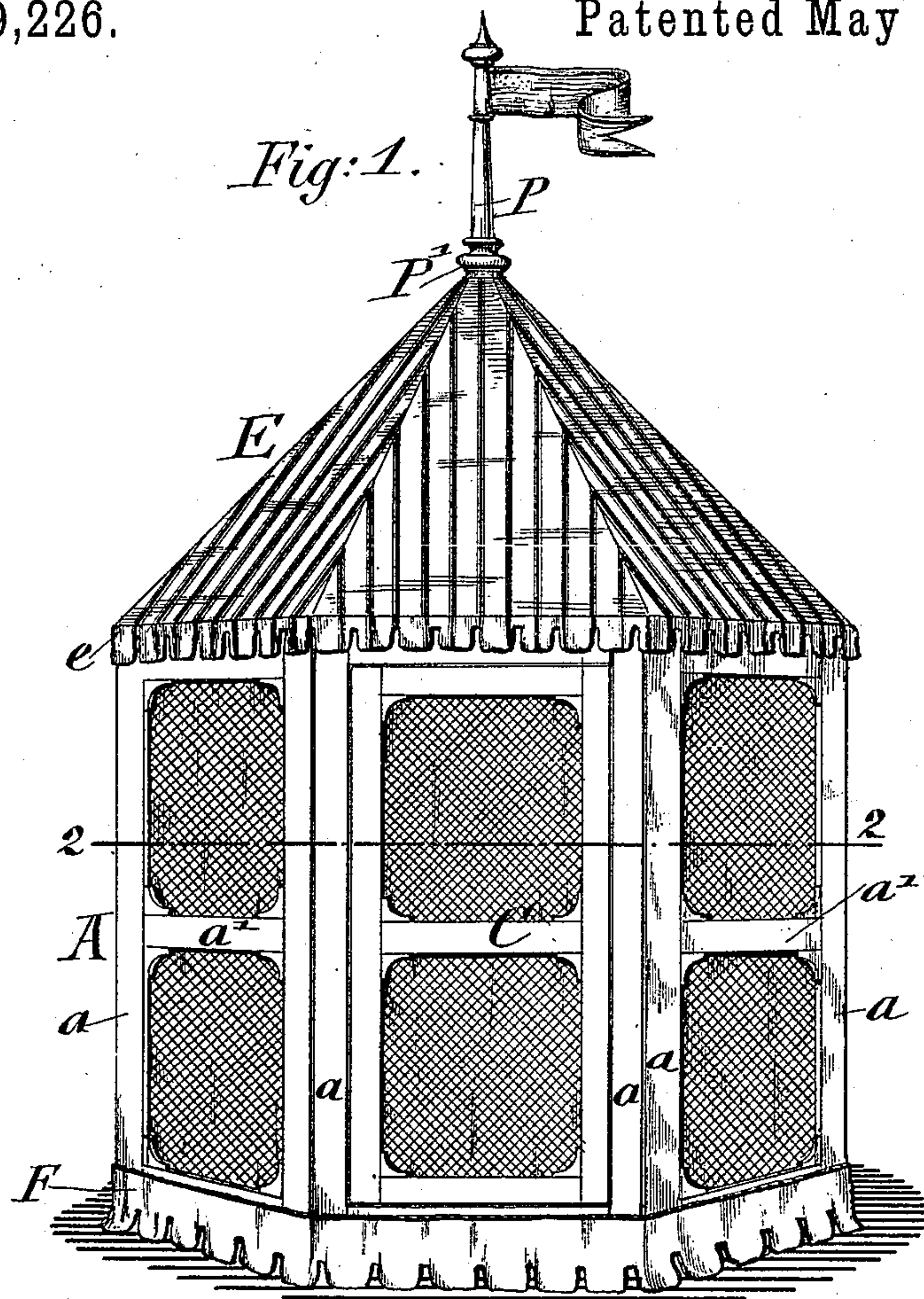
(No Model.)

2 Sheets—Sheet 1.

A. LORENZ.  
FOLDING PAVILION.

No. 539,226.

Patented May 14, 1895.



WITNESSES:

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INVENTOR

*Anton Lorenz*

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ATTORNEYS.

(No Model.)

2 Sheets—Sheet 2.

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Fig:3.

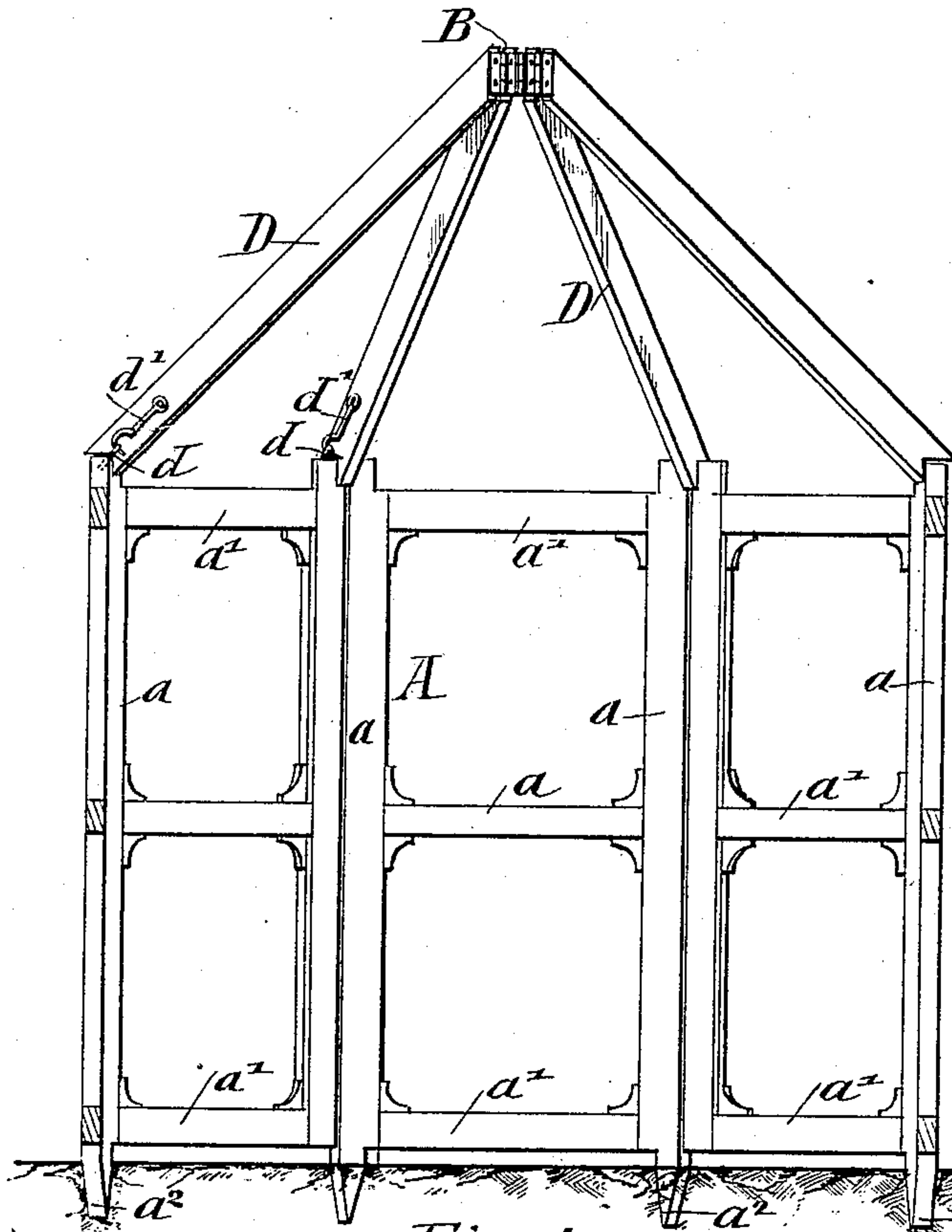


Fig:6.

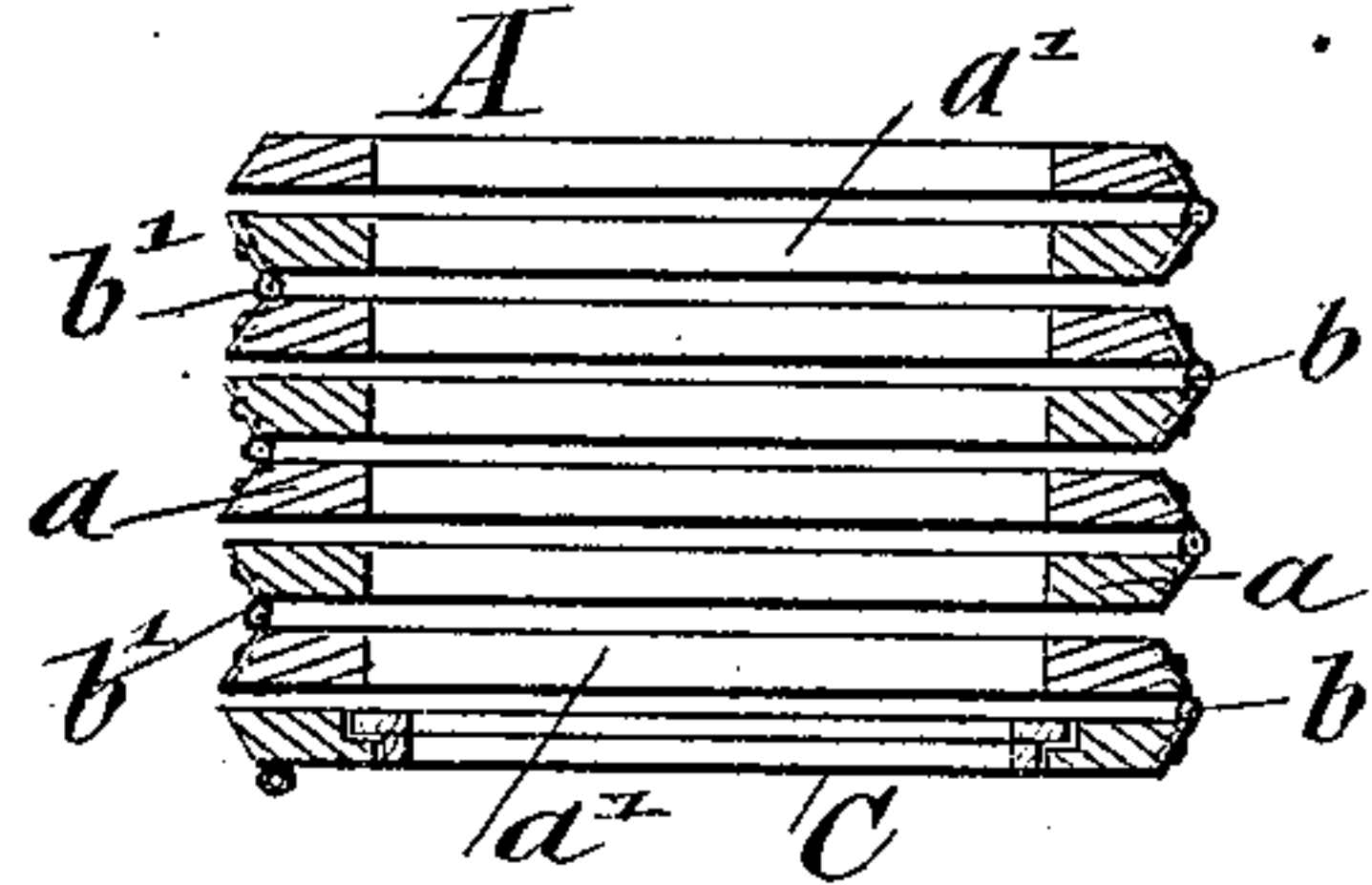


Fig:5.

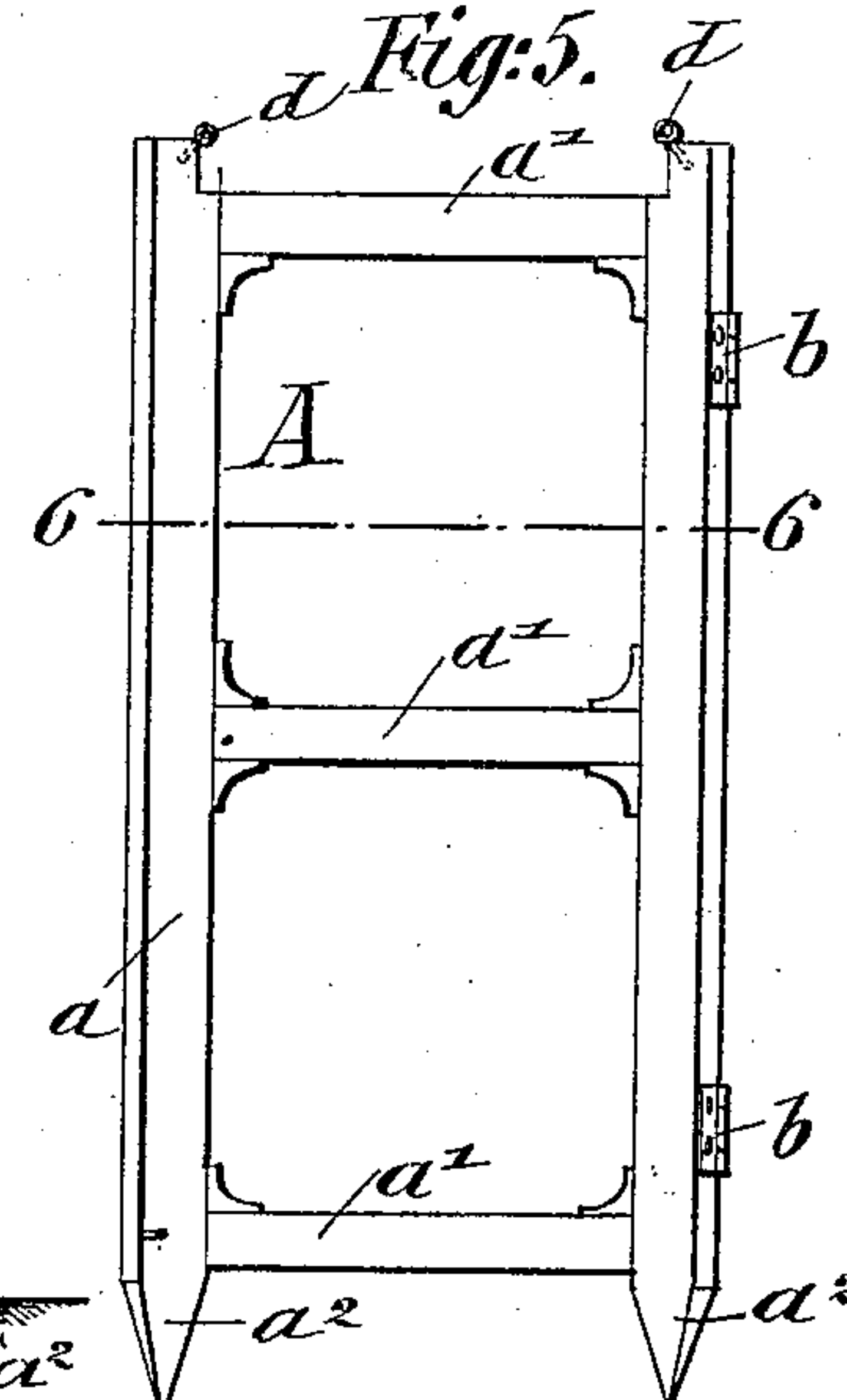


Fig:4.

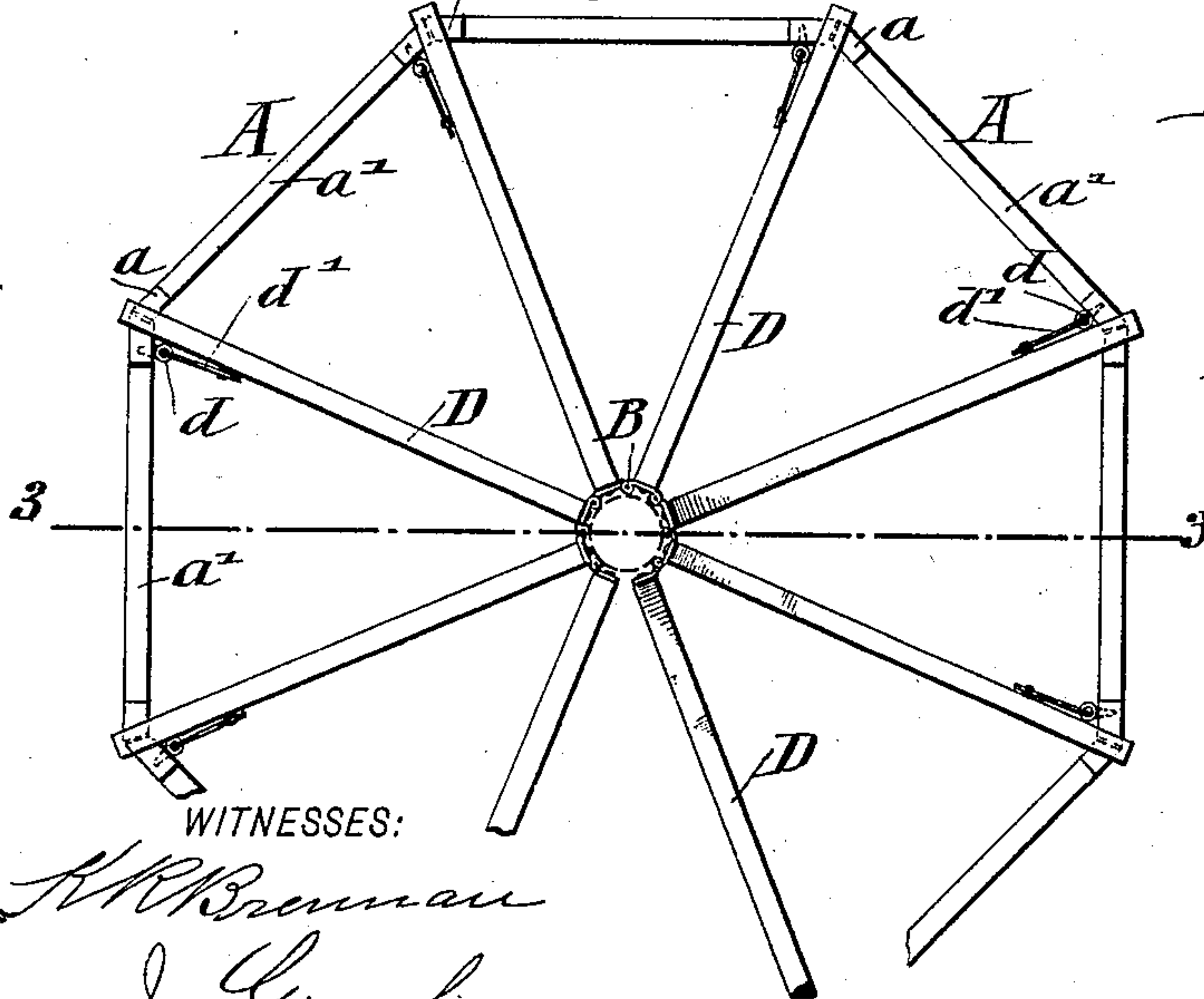
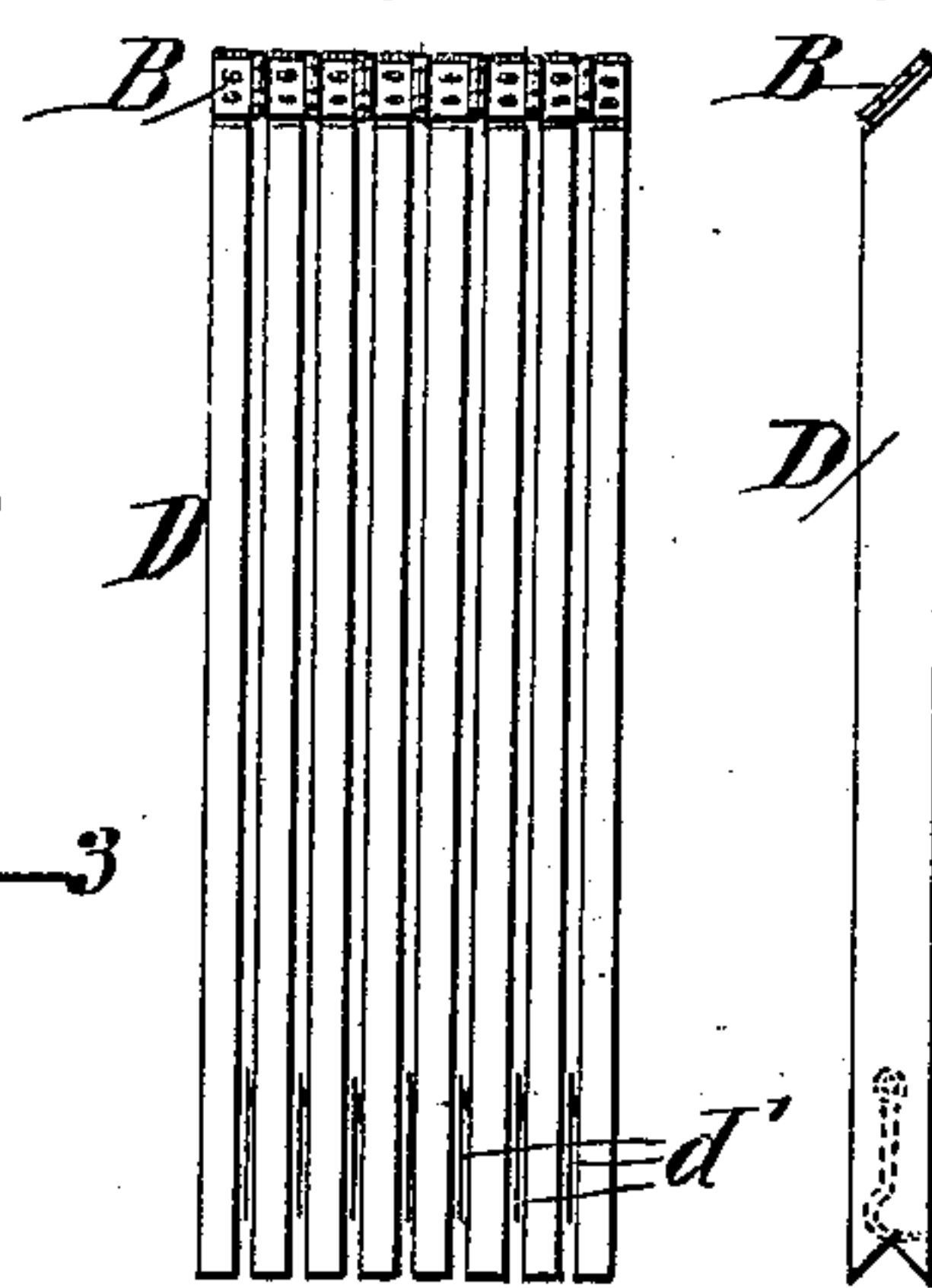


Fig:7. Fig:8.



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# UNITED STATES PATENT OFFICE.

ANTON LORENZ, OF GUTTENBERG, NEW JERSEY.

## FOLDING PAVILION.

SPECIFICATION forming part of Letters Patent No. 539,226, dated May 14, 1895.

Application filed September 8, 1894. Serial No. 522,433. (No model.)

*To all whom it may concern:*

Be it known that I, ANTON LORENZ, a subject of the Emperor of Austria-Hungary, residing at Guttenberg, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Folding Pavilions, of which the following is a specification.

This invention relates to an improved folding pavilion, which can be readily put up for use at any suitable place in the open air, in gardens, yards, &c., and which can if desired, be provided with screens, so that the persons in the pavilions can be fully protected against flies and mosquitoes; and the invention consists of a pavilion, which is composed of a number of hinged panels, open or screened, a number of braces that are attached to the sections of a ferrule formed of a number of hinged sections, the lower ends of said hinged and inclined braces being connected by a suitable hook and eye connection with the hinged panels, a center-piece inserted into the ferrule formed by the connection of the braces, a canvas cover extending over the braces and over the upper part of the panels, a canvas border extending along the lower part of the panels, and a hinged door arranged in one of the panels so as to give access to the structure when erected, as will be fully set forth hereinafter and finally pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view of my improved folding pavilion. Fig. 2 is a horizontal section on line 2 2, Fig. 1. Fig. 3 is a vertical section on line 3 3, Fig. 2. Fig. 4 is a top view of the frame of the pavilion, partly broken away, the cover and center piece being removed. Fig. 5 shows in side elevation the hinged side panels in folded position. Fig. 6 is a transverse section on line 6 6, Fig. 5. Fig. 7 shows the braces supporting the top cover also folded, so as to be stored away with the folded panels when not required for use; and Fig. 8 is an edge view of the same.

Similar letters of reference indicate corresponding parts.

My improved folding pavilion can be used for two purposes, either as a portable pavilion to be used in gardens or yards, or as a closed pavilion in which the side-panels of

the same are provided with mosquito-screens so as to keep out the flies and mosquitoes in places which are infested by them.

The main part of the frame of the pavilion is formed of a number of hinged panels A, which are provided with side bars *a* and cross-bars *a'*, and either open or screened, as desired. The panels are connected by hinges *b*, *b'* arranged alternately at the inner and outer edges, so as to be readily folded up after use.

Any suitable shape of pavilion may be produced, either square, oblong or polygonal, according to the size and number of panels used, provided, however, that the adjacent edges of the frame *a*, *a'*, of the panels are beveled according to the angle of inclination which the panels have to assume toward each other when the pavilion is erected. The meeting-edge of the last panel is connected by a suitable locking-device such as a hook and eye *b<sup>2</sup>* with the adjacent edge of the first panel, so that the panels can be locked together before the attenuated ends *a<sup>2</sup>* of the side-bars *a* are driven into the ground. One of the panels is preferably provided with a swinging-door C, which has means for closing and opening the same, so as to give access to the interior of the pavilion. The upper end of each panel is provided with suitable eyes *d* for inserting the hooks *d'* which are arranged at the lower ends of a number of braces D, which are hinged at their upper ends to a ferrule composed of a number of hinged plates B which, when connected, form a ring-shaped body into which a pointed center-piece P that carries at its upper end a suitable flag, sign or other suitable device is inserted. The center or top-piece P is provided at its lower end with a suitable enlargement P' for closing the ring-shaped ferrule and preventing the ingress of flies and mosquitoes. When the braces are hooked into connection with the panels and the center-piece P is inserted in the ferrule, the covering E formed of correspondingly-shaped pieces of suitable canvas, is placed over the braces, said cover being provided with a scalloped border *e* that extends over the upper edges of the frames of the panels A, so as to close the same. A similar scalloped border F is attached in any suitable manner around the lower parts of the frames of the panels A,



so as to impart a finish to the structure and form contact with the ground to prevent the access of mosquitoes or flies into the lower part of the pavilion.

5 My improved folding pavilion may be made of any suitable size, but preferably of such diameter that a couch or cot, or a set of tables and chairs can be set in the same, so that a person can rest in the open air and enjoy the  
10 breeze and exterior surroundings while still being protected against flies and mosquitoes. For restaurants and other places, the pavilion may be made larger, to accommodate a large number of persons, the advantage in all cases  
15 being the convenience and readiness by which the same can be erected and folded again, whereby it is adapted for the various requirements of the owners.

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

1. A folding pavilion, consisting of a number of hinged panels, one of which is provided with a door, braces secured to a ferrule formed  
25 of hinged sections, said braces having notches at their outer ends which engage upper portions of the panels, means for securing the braces to the panels, and a cover adapted to be placed over the braces, substantially as set  
30 forth.

2. A folding pavilion, consisting of a number of hinged panels, inclined braces secured to a ferrule formed of hinged sections, said braces having notches at their outer ends, in which notches the upper portions of the panels engage, eyes secured to said panels, hooks  
35 pivoted to the outer ends of the braces and adapted to engage said eyes, a center-piece inserted in said ferrule, and a cover adapted to be placed over the braces, substantially as set  
40 forth.

3. A folding pavilion, consisting of a number of hinged panels, one of which is provided with a door, a series of braces connected together at their inner ends, the connecting  
45 means consisting of a ferrule formed of hinged sections, the sections being secured to the respective inner ends of the braces, means for securing the braces to the panels, a center-piece inserted in said ferrule, and a cover  
50 adapted to be placed over the braces, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

ANTON LORENZ.

Witnesses:

PAUL GOEPEL,  
S. E. SMITH.