

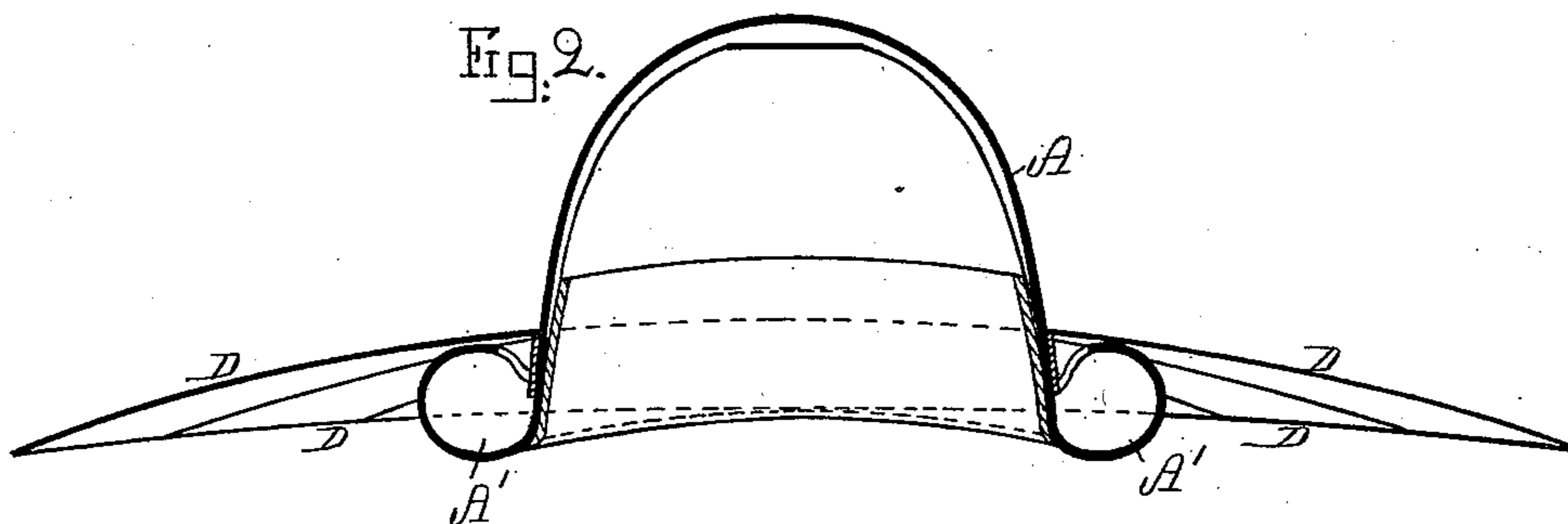
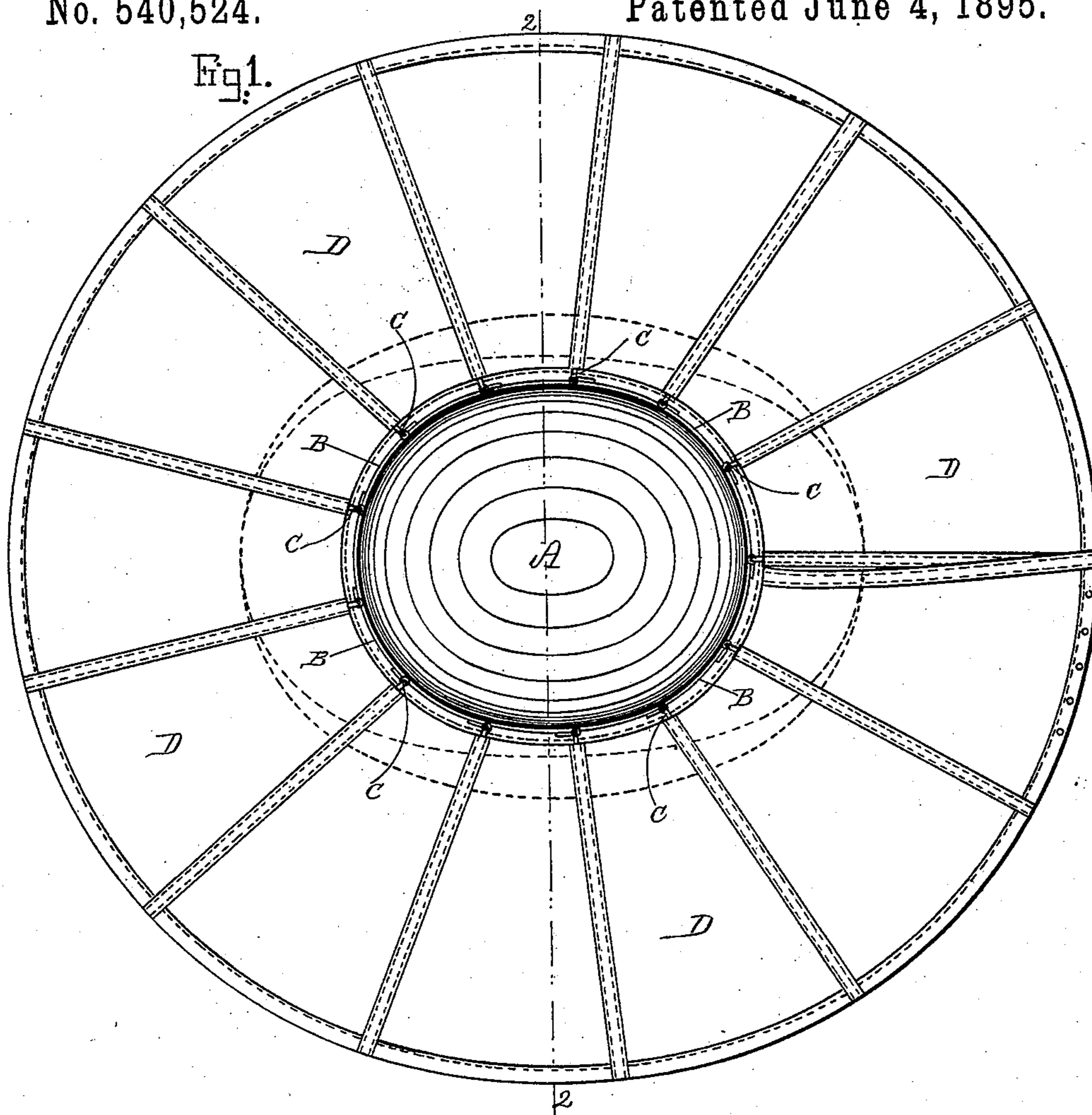
(No Model.)

2 Sheets—Sheet 1.

F. A. WARDWELL.  
HAT BRIM.

No. 540,524.

Patented June 4, 1895.



Witnesses.

*Lamont M. Moley*  
*Charles A. Harris*

Inventor

*Frank A. Wardwell*  
by *Alban Andrieu*, his atty.

(No Model.)

2 Sheets—Sheet 2.

F. A. WARDWELL.  
HAT BRIM.

No. 540,524.

Patented June 4, 1895.

Fig. 3.

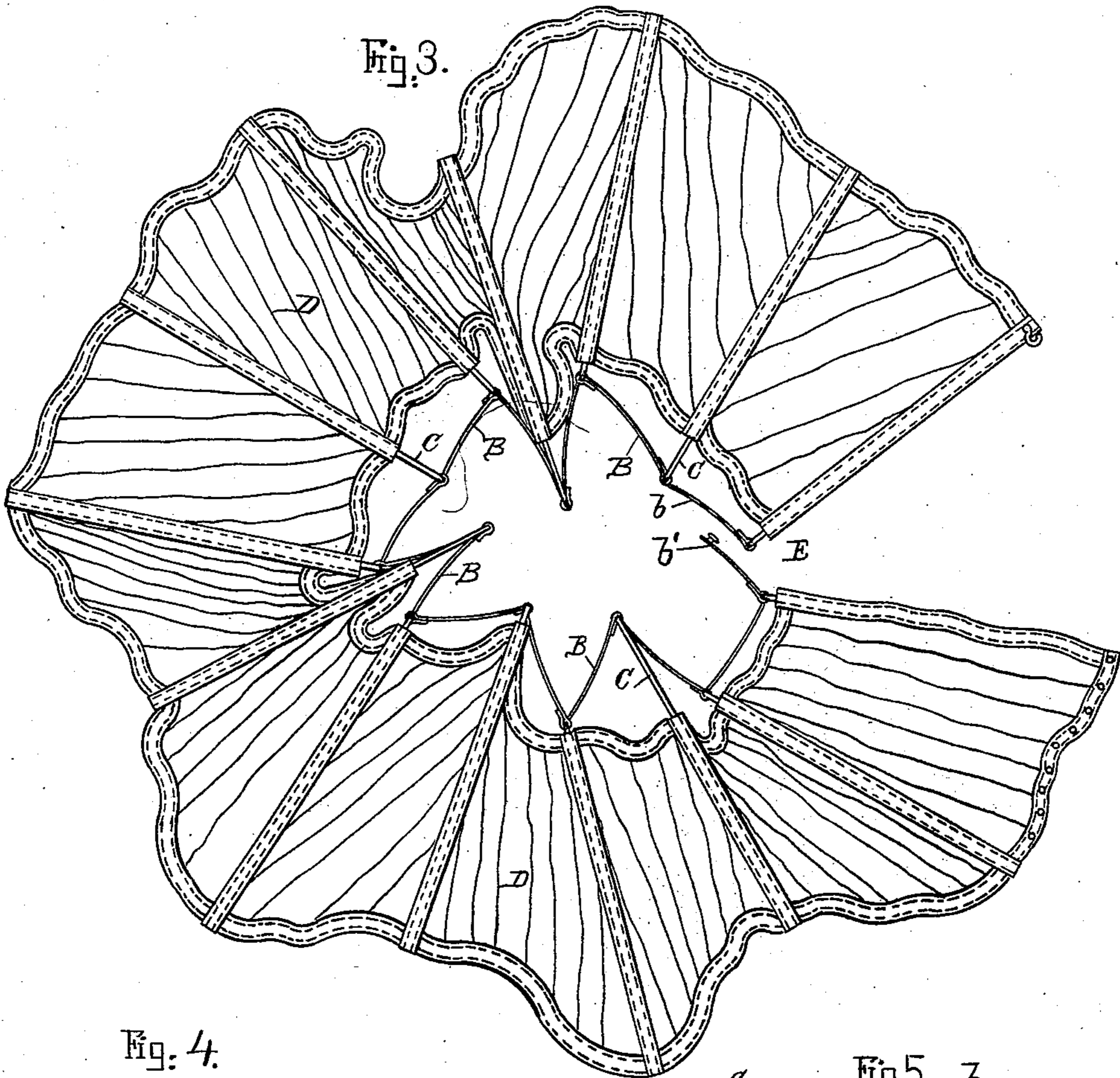


Fig. 4.

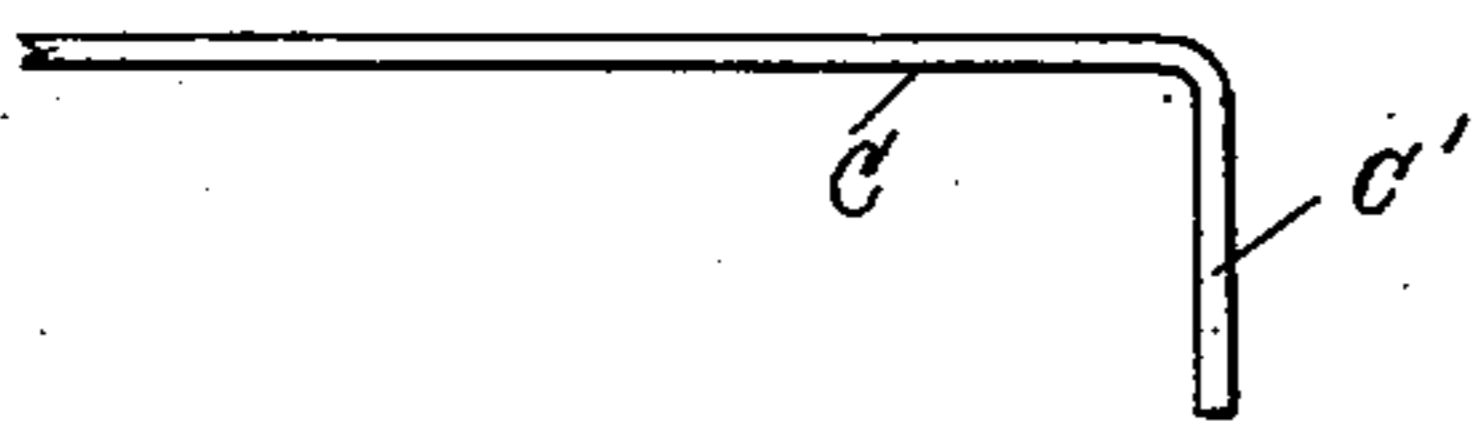


Fig. 5.

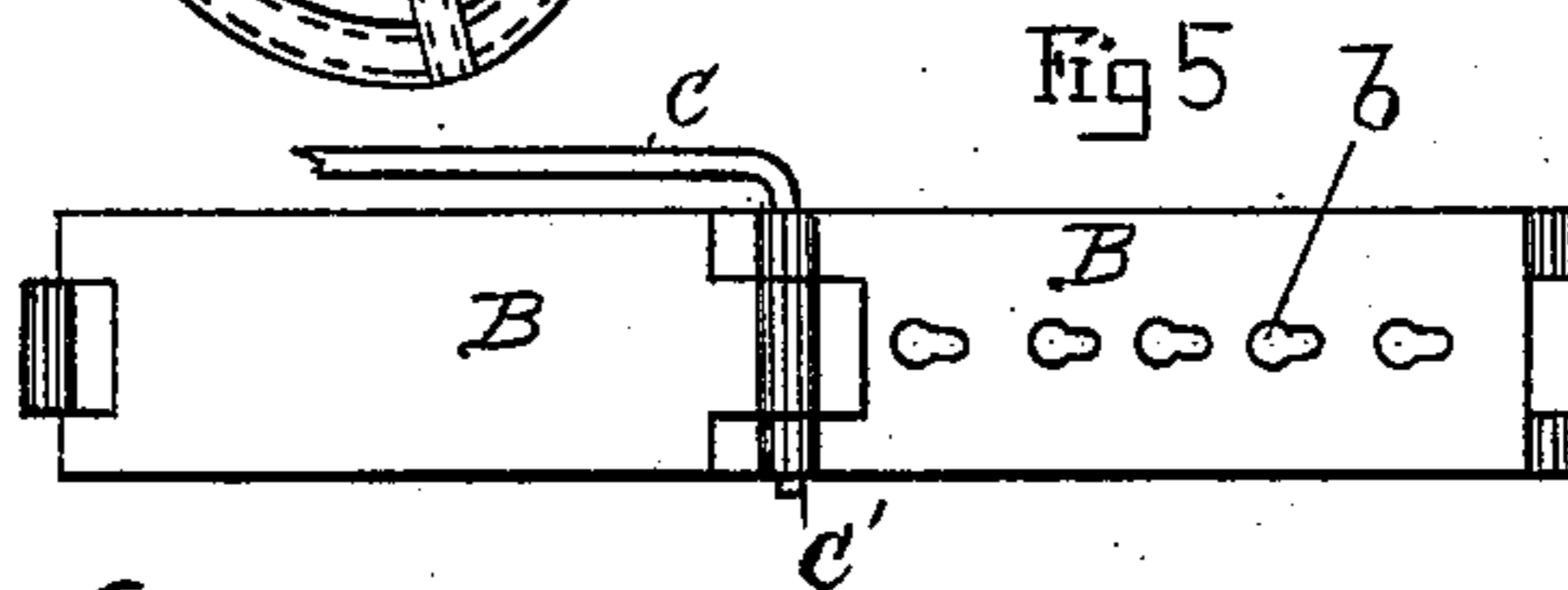
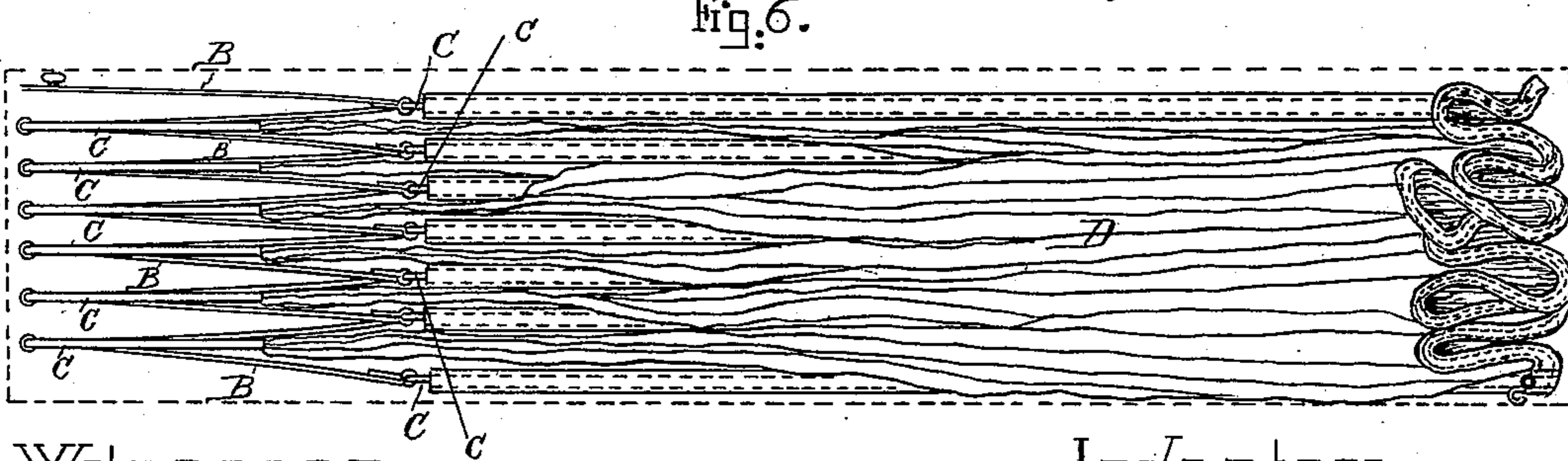


Fig. 6.



Witnesses

*Lauritz N. McLeer*  
*Charles A. Harris*

Inventor

*Frank A. Wardwell*  
*by Allan G. Grier*  
*his atty.*

# UNITED STATES PATENT OFFICE.

FRANK A. WARDWELL, OF METHUEN, MASSACHUSETTS.

## HAT-BRIM.

SPECIFICATION forming part of Letters Patent No. 540,524, dated June 4, 1895.

Application filed May 4, 1895. Serial No. 548,098. (No model.)

*To all whom it may concern:*

Be it known that I, FRANK A. WARDWELL, a citizen of the United States, and a resident of Methuen, in the county of Essex and State of Massachusetts, have invented new and useful Improvements in Extension Hat-Brims, of which the following, taken in connection with the accompanying drawings, is a specification.

10 This invention relates to improvements in extension hat brims, adapted to be secured to a hat for the purpose of serving as a sun protector for travelers, tourists and other persons working or otherwise engaged out of doors in sunny weather. When not in use the device may be folded together in a very small compass and put in a pocket or otherwise so as to be ready for use whenever needed.

20 The invention is carried out as follows, reference being had to the accompanying drawings, wherein—

Figure 1 represents a top plan view of the device attached to a hat in position for use. 25 Fig. 2 represents a cross-section on the line 2 2, shown in Fig. 1. Fig. 3 represents a top plan view of the improved extension hat-brim, shown as detached from the hat. Fig. 4 represents a detail side elevation of one of the radial ribs which are attached to the 30 flexible brim. Fig. 5 represents a detail side elevation of a portion of the inner jointed band to which the ribs are pivoted, and Fig. 6 represents a side elevation of the extension hat-brim shown as folded together when not in use.

Similar letters refer to similar parts wherever they occur on the different parts of the drawings.

40 In Figs. 1 and 2, A represents an ordinary hat of any desired shape or material on which A' is the brim as usual.

My extension, folding hat brim, consists of an inclosing band, preferably made of metal, and composed of sections B, B, which are 45 pivoted together and to radial arms or wires C, C, to which the flexible sheet or folding brim D is attached in any suitable manner

as shown. Each radial arm C has an angular pivot portion C' which is pivoted to the 50 jointed ends of the band sections B, B. The said sheet D may be made of light canvas, cloth, rubber or other suitable textile or fibrous flexible material as may be found most practical and convenient. The first 55 and last sections B, B, are detached from each other as shown at E, in Fig. 3, and there provided with a suitable fastening or locking device for securing such band ends together when placed upon the hat, for which 60 the brim is to be used as shown in Fig. 1.

In Figs. 3 and 5, I have shown one of the end sections B, provided with perforations b, b, adapted to receive a button b' on the other end section, and in this manner the pivoted 65 band may be firmly secured in place upon the hat as shown in Figs. 1 and 2. The outer portions of the first and last ribs C in the series may likewise be attached together either by means of a hook and eye, tying 70 strings or other well known form of fastenings, and I wish to state that I do not desire to confine myself to any particular means of securing the end sections of the band B, or the first and last ribs C in the series together as this may be done in any suitable 75 manner without departing from the essence of my invention.

By having the band sections B, B, made of sheet metal as shown, great rigidity is im- 80 parted to the device and by having the angular portions C' of the radial arms C, pivoted to the jointed ends of said band sections, the flexible cloth D is held in proper position and prevented from drooping or flapping 85 when the device is in use.

When not desired for use the device may be folded together as shown in Fig. 6, and packed away in a small inclosing case or put in a coat pocket, ready for use as occasion 90 may require.

Having thus fully described the nature, construction, and operation of my invention, I wish to secure by Letters Patent and claim—

The herein described folding, extension hat 95 brim, consisting of jointed metal band sec-

tions B, B, combined with radial supporting  
ribs C having angular inner ends C' piv-  
oted to the jointed ends of said band sec-  
tions, and a flexible cover D secured to said  
5 ribs and means for securing the device in  
place on a hat, substantially as and for the  
purpose set forth.

In testimony whereof I have signed my

name to this specification, in the presence of  
two subscribing witnesses, on this 27th day of 10  
April, A. D. 1895.

FRANK A. WARDWELL.

Witnesses:

ALBAN ANDRÉN,  
LAURITZ N. MÖLLER.