

No. 677,675.

Patented July 2, 1901.

H. F. MEISTRELL.

FOLDING CRIB.

(Application filed Mar. 14, 1901.)

(No Model.)

Fig: 1.

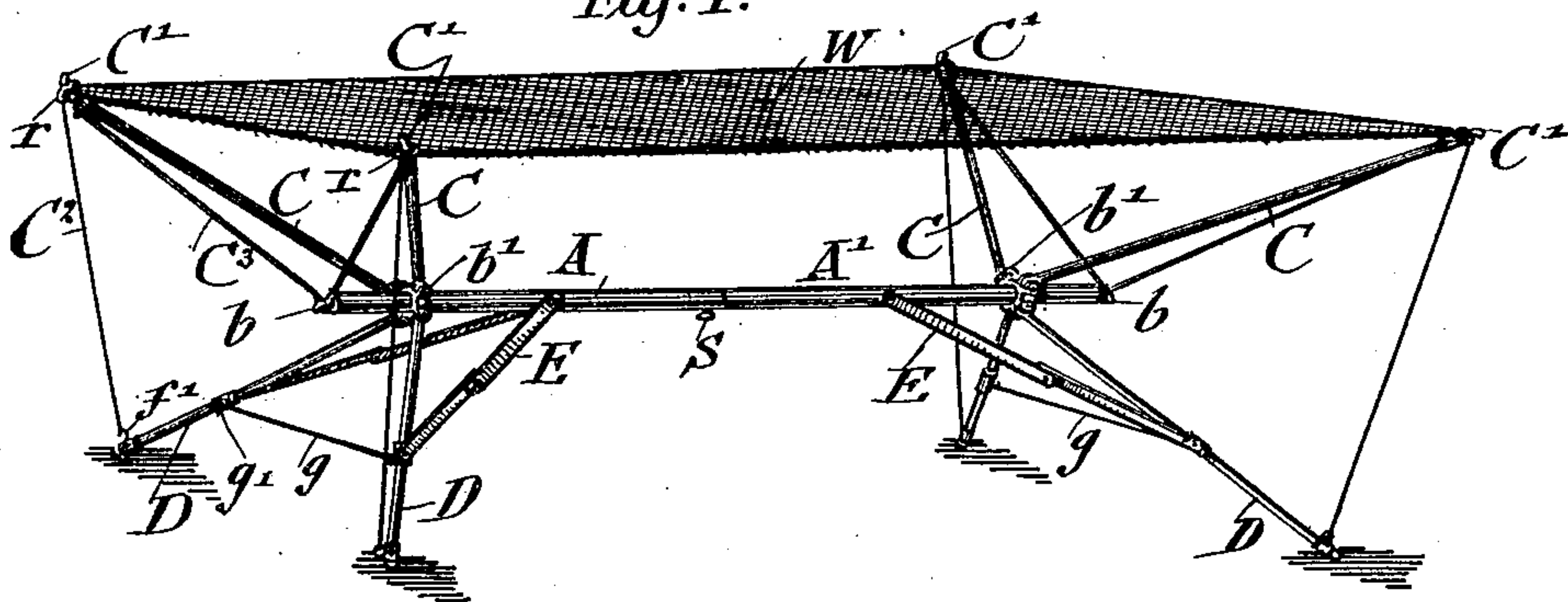


Fig: 2.

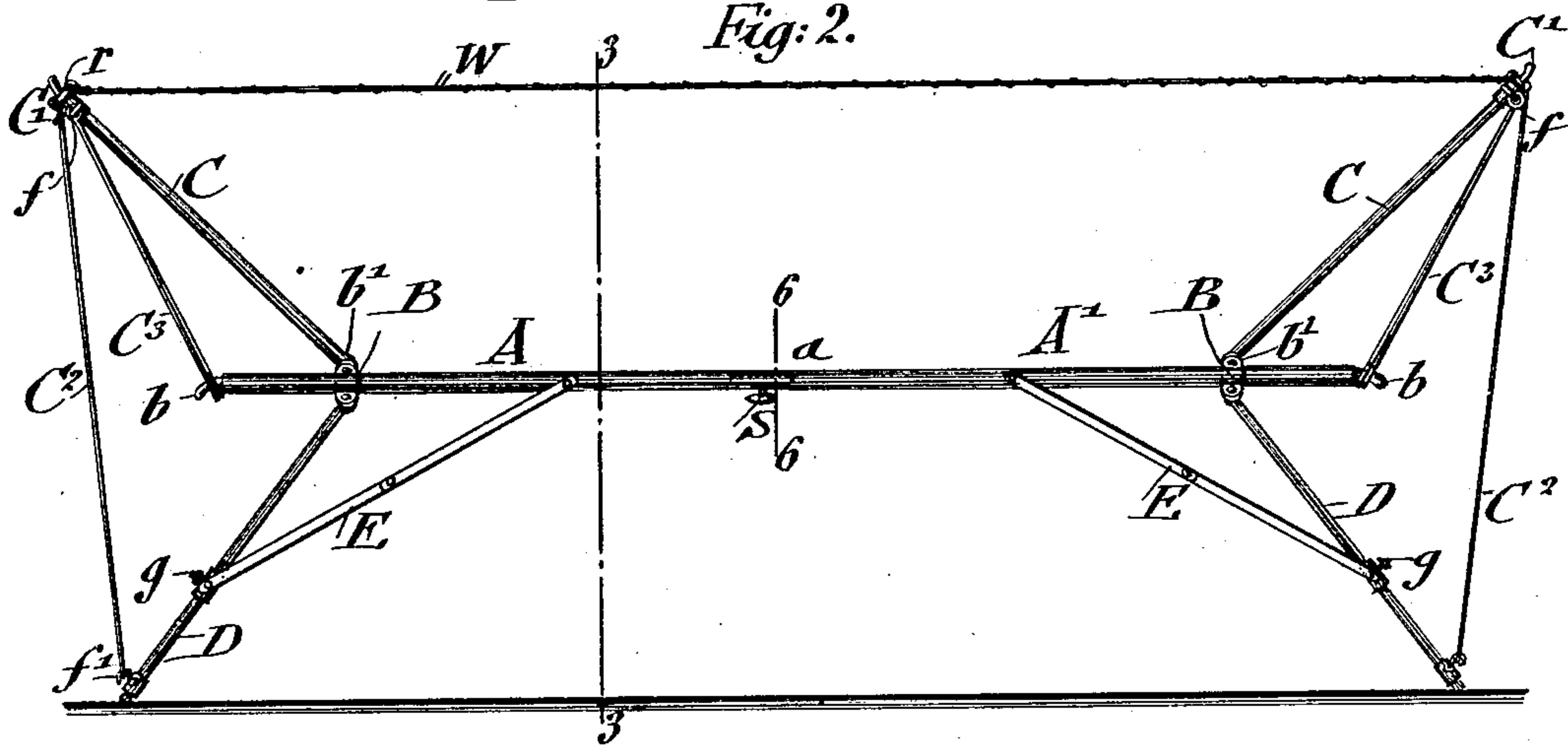


Fig: 4.



Fig: 3.

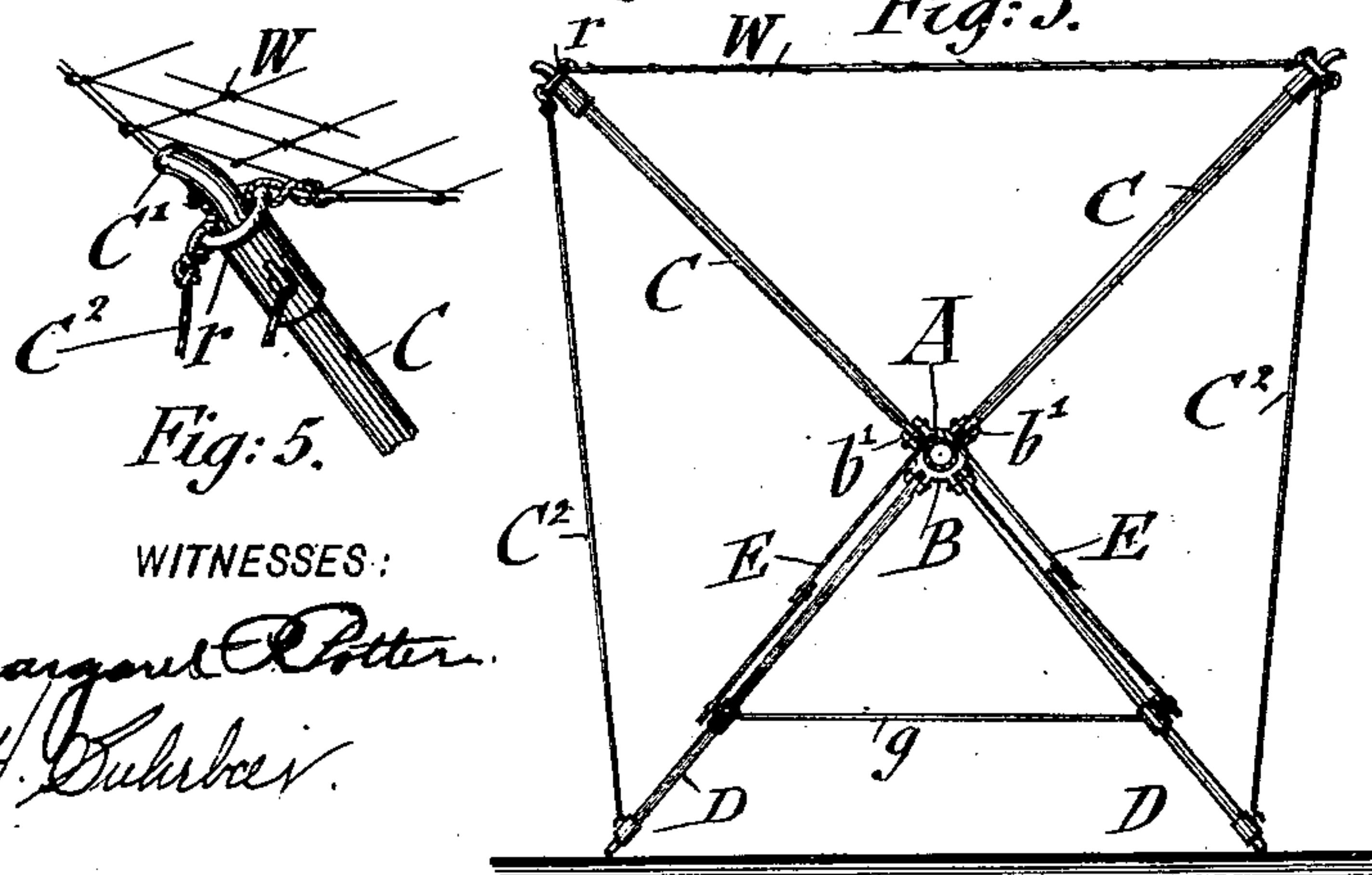


Fig: 5.

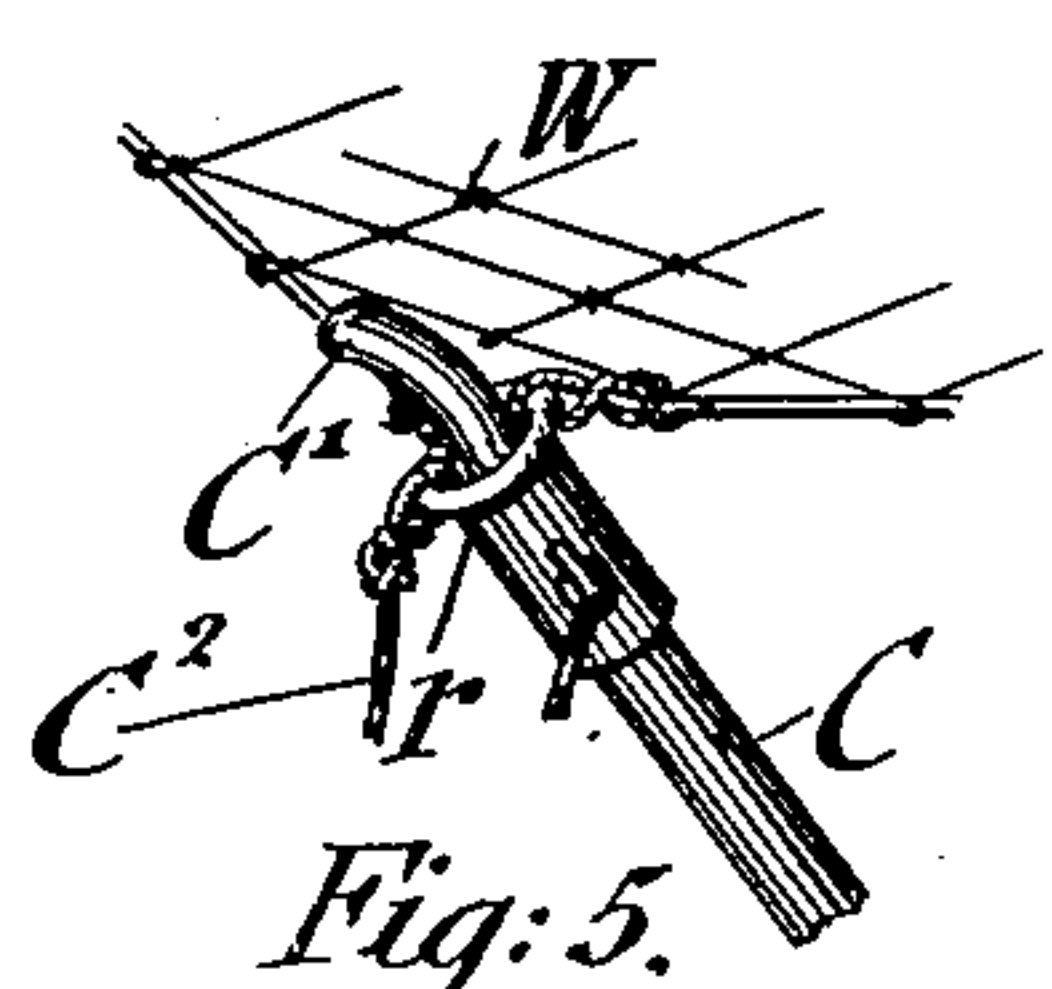
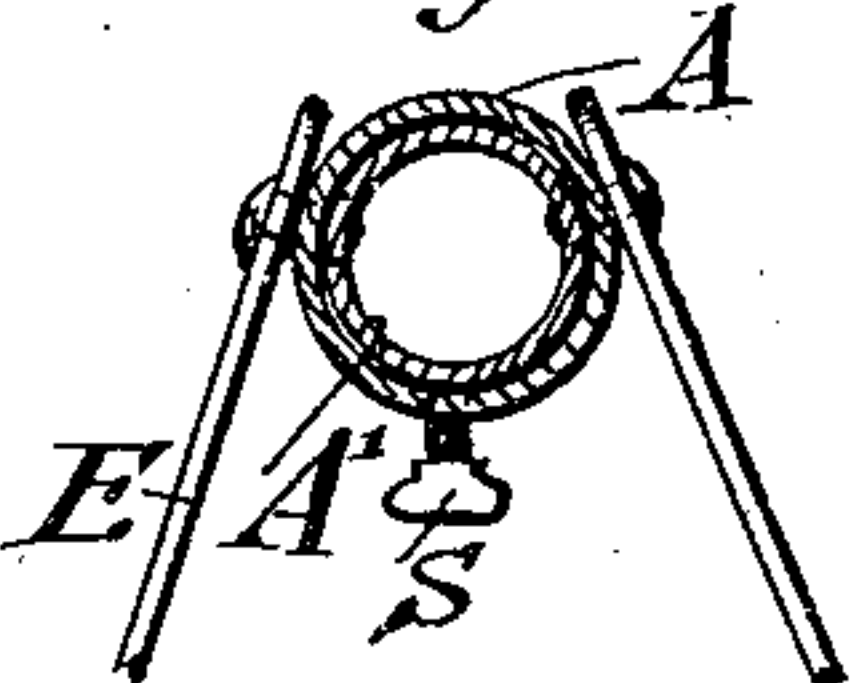


Fig: 6.



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FOLDING CRIB.

SPECIFICATION forming part of Letters Patent No. 677,675, dated July 2, 1901.

Application filed March 14, 1901. Serial No. 51,077. (No model.)

To all whom it may concern:

Be it known that I, HENRY F. MEISTRELL, a citizen of the United States, residing in New York, borough of Manhattan, in the State of New York, have invented certain new and useful Improvements in Folding Cribs, of which the following is a specification.

This invention relates to an improved folding crib which is so constructed that the supporting-frame can be folded up within narrow compass, similarly to the well-known music-stands, and wrapped into a web of suitable fabric supported by the frame of the crib, so that the entire structure can be readily carried in folded condition in a suitable bag and unfolded and set up when required for use.

The invention consists of a folding crib which comprises a main center rod provided with folding upwardly-extending web-supporting arms, braces therefor, folding legs connected by folding braces with the main rod, and means for connecting the web with the upper ends of the supporting-arms.

The invention consists, further, in the construction of each of the two folding sections with the upwardly-extending arms and braces and downwardly-extending folding legs and braces, as will be fully described hereinafter and finally pointed out in the claims.

In the accompanying drawings, Figure 1 represents a perspective view of my improved folding crib. Fig. 2 is a side elevation of the same drawn on a larger scale. Fig. 3 is a section on line 3 3, Fig. 2. Fig. 4 is a side view of one section and a portion of the other section, shown as folded up. Fig. 5 is a perspective view showing the connection of the web with the arms of the supporting-frame; and Fig. 6 is an enlarged section on line 6 6, Fig. 2, showing the connection of the center rod with the side braces.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A A' represent the center rods of my improved crib, which is preferably composed of two tubular sections A and A', which telescope together at their inner ends, so as to form a connected structure. The outer ends of the tubular sec-

tions A A' have hooks *b*, and at some distance from said ends fixed collars B, provided with lugs *b'*, like the runner of an umbrella-frame, to which lugs *b'* are pivoted the upwardly-extending arms C and the legs D. The upwardly extending arms C are provided at their upper ends with outwardly-bent hooks C', to which a web W of suitable fabric is connected by means of rings *r*, attached to the corners of the web. The pivot connection of the upwardly-extending arms and legs with the lugs of the center rod is such that after the web is detached they can be readily folded alongside of the center rod, as shown in Fig. 4. The legs D are connected by means of folding braces E with the center rod, said braces imparting the required stiffness to the legs when extended, as shown in Fig. 1. The upwardly-extending arms C are also stiffened by brace-rods C² C³, one set of brace-rods C² being applied to the rings *r* and connected with hooks *f'* at the lower ends of the legs, while the second set of brace-rods is pivoted at *f* to the outer ends of arms C and connected with hooks *b* of the center rod, as shown clearly in Figs. 2 and 3. The brace-rods of the web-supporting arms serve to take up the strain exerted by the web on said arms, while the braces of the legs serve to take up the strains exerted on the legs in outward direction, so as to produce thereby the proper stiffening and reinforcing of the frame. Folding braces E connect the legs D with the center rod and prevent the spreading of the legs beyond their backward inclination. (Shown in Fig. 2.)

The web W may be made of netting, canvas, or other suitable fabric, that is firmly stretched between the ends of the upwardly-extending arms C when the crib is in position for use. When the crib is not required for use, the corner-rings of the web are detached from the supporting-arms and the latter folded up alongside the center rod after detaching the brace-rods C³ from the ends of the center rod and the brace-rods C² from the hooks *f'* at the lower ends of the legs.

Transverse rods *g* are preferably employed for connecting each pair of legs, they being pivoted to one leg and having a hook-and-eye connection at *g'* with the other leg.

The brace-rods are folded alongside of the center rod, together with the web-supporting

arms and legs and their braces. The web is then wrapped around the two folded-up main sections of the frame and then placed in a suitable bag for conveniently carrying the entire folding crib. The inner end of one section of the center rod is inserted into the tubular end of the other section and preferably connected by suitable clamping-screws, so as to prevent accidental detaching of one of the main sections from the other while the crib is in use. When the stand is to be folded up, the sections of the center rod are detached from each other by loosening the clamping-screws, after which each section of the frame is folded up, as before described, and then packed up with the web and placed in the bag.

The folding crib can also be constructed on a larger scale in the nature of a hammock, so as to support a grown person. It can be placed in any desired position on the veranda, lawn, &c., for summer use.

The frame of the folding cot or crib is made, preferably, of tubular steel of sufficient strength to support the weight that is to be placed thereon. It forms a light and convenient crib for children to be taken along to the seashore or picnics or in the country. When made large enough for supporting a full-grown person, the stand can also be folded up in a similar manner and stored away, together with the web, when not required for use.

The folding crib can be furnished at comparatively low price, so that it can be brought within the means of almost every family.

Having thus described my invention, I

claim as new and desire to secure by Letters Patent—

1. A folding crib, consisting of a frame formed of a center rod, pivoted and braced web-supporting arms, pivoted and braced legs independent of the arms, and a web supported at the upper ends of the upwardly-extending arms, substantially as set forth.

2. A folding crib; consisting of two main sections each provided with a tubular center-rod section connected at their inner ends, said center rod being provided with lugs, downwardly-extending legs, and upwardly-extending arms pivoted to lugs of the center rod, braces for connecting the legs with the outer ends of the arms, braces connecting the legs with the center rod and a web supported by the upper ends of the arms, substantially as set forth.

3. A folding crib comprising a frame, consisting of a tubular center rod having hooked ends, said center rod being provided with lugs, folding legs and arms pivoted to lugs of the center rod, folding braces pivoted to the center rod and the legs, and stiffening-braces connecting the upper ends of the arms with the hooked ends, of the center rod and with the lower ends of the legs, 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.

HENRY F. MEISTRELL.

Witnesses:

GEORGE GEIBEL,
JOSEPH H. NILES.