

(No Model.)

H. F. FORDHAM.

WIRE FRAME.

No. 321,204.

Patented June 30, 1885.

Fig. 1.

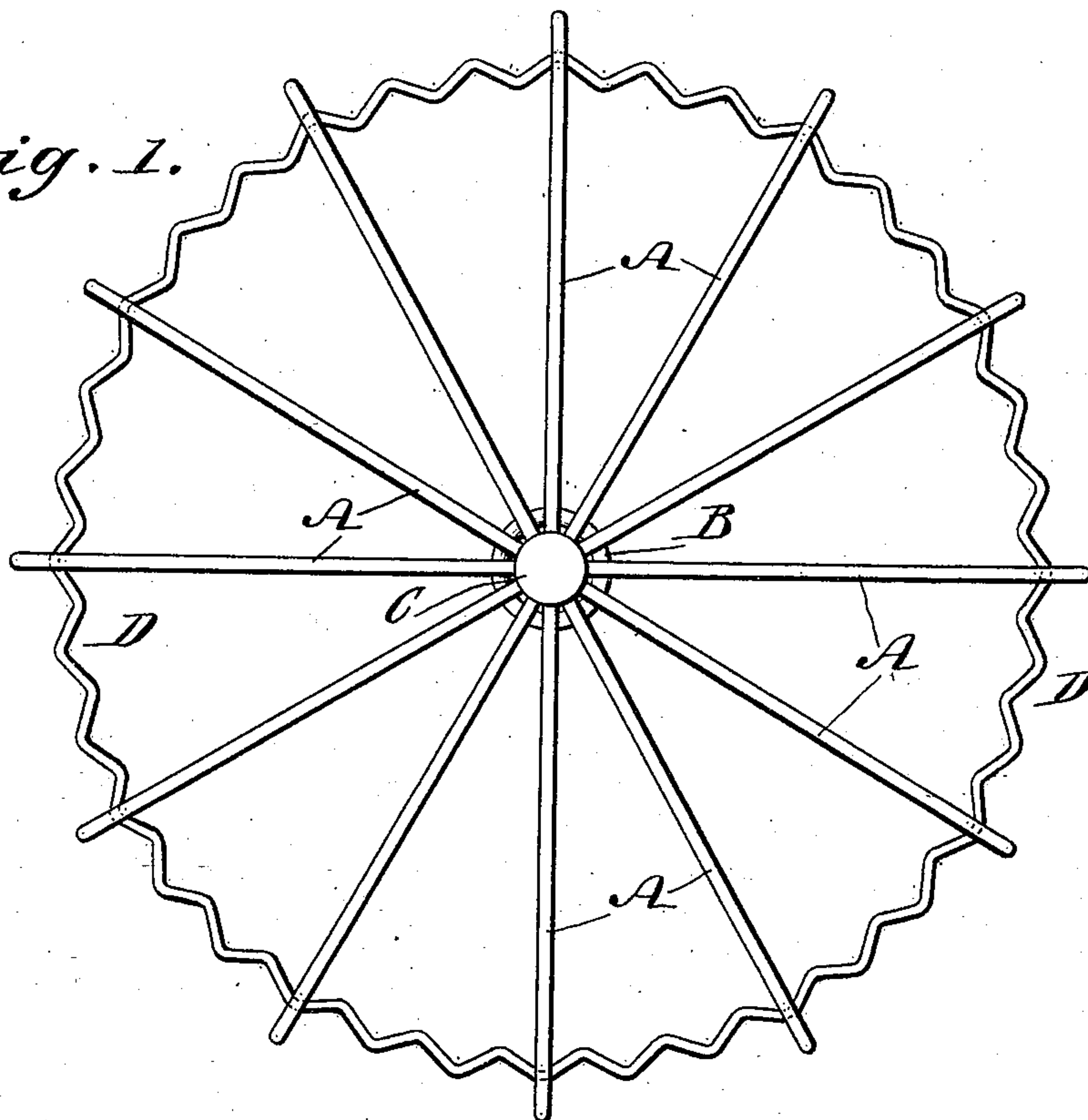


Fig. 2.

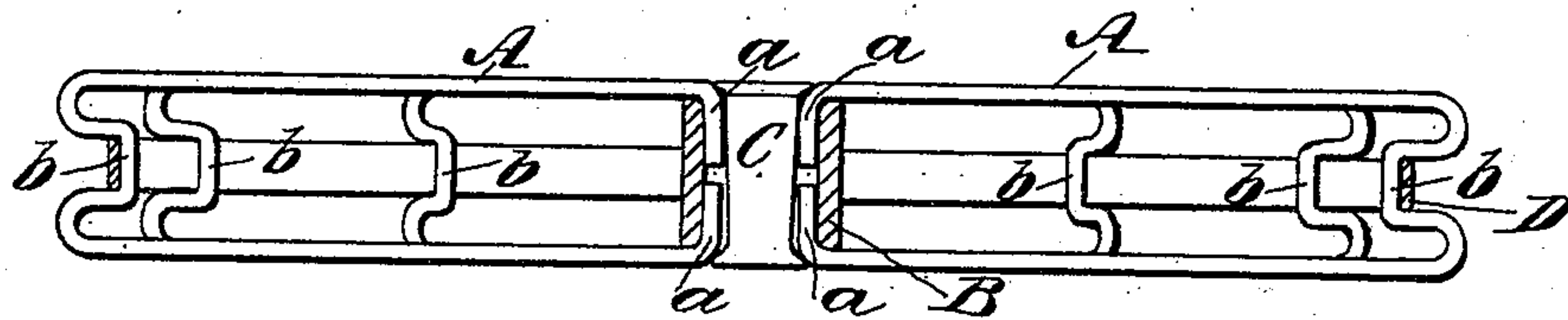
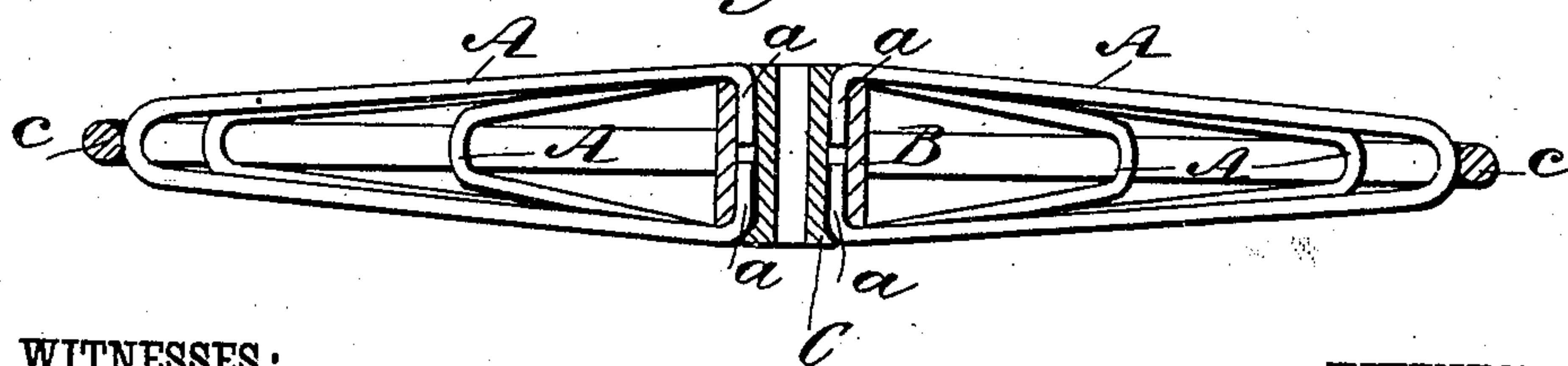


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

HENRY FLETCHER FORDHAM, OF GREENPORT, NEW YORK.

WIRE FRAME.

SPECIFICATION forming part of Letters Patent No. 321,204, dated June 30, 1885.

Application filed March 6, 1885. (No model.)

To all whom it may concern:

Be it known that I, HENRY FLETCHER FORDHAM, of Greenport, in the county of Suffolk and State of New York, have invented
5 certain new and useful Improvements in Wire Frames, of which the following is a full, clear, and exact description.

My invention relates to the construction of frames with wires that radiate from a central
10 point; and the invention consists, principally, in holding the ends of the wires with a tube and wedge, key, or rivet, as hereinafter described.

The invention also consists of the construction, arrangement, and combination of parts,
15 all as hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a plan view of a wire frame to be used as a table-mat made in accordance with my invention. Fig. 2 is a sectional elevation of the same, and Fig. 3 is a sectional
25 elevation of a circular frame or wheel made in accordance with my invention.

A represents the radiating wires composing the body of the frame, which wires are folded and their ends bent toward each other to form
30 the hooks *a a*, as shown in Figs. 2 and 3. The hooks *a* are placed in the ring, tube, ferrule, or sleeve B, and are held therein by the rivet C, which is by preference made slightly tapering to have a binding action, and is headed

in the sleeve B upon the hooks *a*, so as to hold
35 them firmly in place in the tube.

In the form of frame shown in Figs. 1 and 2 the outer ends of the wires A are bent to form the recesses or loops *b*, and the wires are held equidistant from each other by the corrugated band D placed in the recesses; but
40 the recesses *b* and band D may be omitted, if desired; or a plain ring or band, *c*, may be used, to which the outer ends of the wire A are soldered, as shown in Fig. 3.

Constructed in the manner described, the
45 wires are held very firmly at the center of the frame, and the frame is very cheap, strong, and practical.

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

1. A frame composed of the wires A, bent to form hooks *a*, held by the tube or ferrule B and rivet or key C, substantially as de-
55 scribed.

2. The wires A, folded and bent to form the hooks *a*, in combination with a ring, B, and rivet or key C, the wires A being held at their outer ends by a surrounding ring, substantially
60 as described.

HENRY FLETCHER FORDHAM.

Witnesses:

JACOB R. VOORHEES,
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