(No Model.)

C. C. EGERTON.

CARRIAGE STANDARD.

No. 312,618. Patented Feb. 24, 1885.

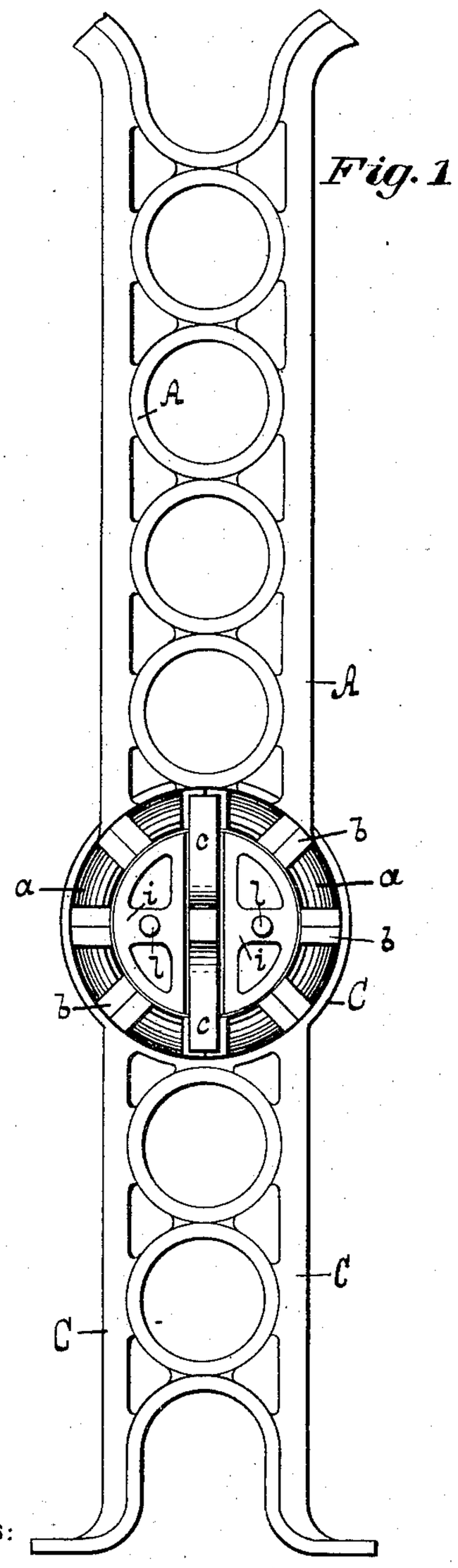

Fig. 1

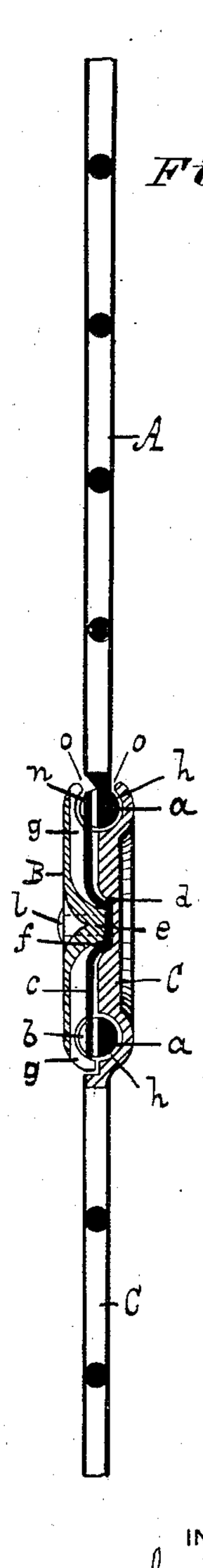

Fig. 2.

WITNESSES:

Wilson Ringle.

Wm Boyden.

INVENTOR:

Chas. C. Egerton.

By G. A. Boyden

Attorney.

UNITED STATES PATENT OFFICE.

CHARLES C. EGERTON, OF BALTIMORE, MARYLAND, ASSIGNOR TO OTHELLO JEROME FLAGG.

CARRIAGE-STANDARD.

SPECIFICATION forming part of Letters Patent No. 312,618, dated February 24, 1885.

Application filed October 2, 1884. (No model.)

To all whom it may concern:

Be it known that I, CHAS. C. EGERTON, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Carriage-Standards, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to improvements in carriage-top standards, the objects of which are a spring moving at right angles to the movement of the standard, and mechanical means whereby the same may be rapidly made and mechanically constructed, as illustrated in the accompanying drawings, in which—

Figure 1 is a side view with a portion broken away and the cap removed, and Fig. 2 a vertical section view.

Similar letters refer to similar parts throughout the several views.

The letter A designates the top section of the standard, which is secured to the canopy in any suitable manner, and consists of a cylindrical ring, *a*, provided with V-shaped notches *b*, in which the ends of the spring *c* rest, and which hold the section A in the desired position. The spring *c* is held to its place by the recess *d* and the projection *e* on the cap B, which fits in the indentation *f*, by which it is securely and rigidly held in the center, and permitted to vibrate at the ends, the cap having a corresponding cavity, *g*, therefor. The lower section, C, of the standard is provided with a cylindrical bearing, *h*, which forms one side of the bearing for the ring *a*, and in which is a center-piece, *i*, provided with projections *l*, which pass through corresponding holes in the cap B, and by which the same is riveted to the section C. The cap B has also a cylindrical bearing, *n*, and when secured to the section C forms a round bearing for the corresponding ring *a*, and is so constructed that a slot, *o*, is formed, in which the standard A moves.

In putting the device together the ring *a* of the section A is placed in the cylindrical bearing *h*, and the spring *c* laid in the recess *d*, with its ends placed in the notches *b*. The cap B is then placed on and the projections *l* riveted over, thereby securing the whole and maintaining them in their proper places.

The operation is as follows: On exerting sufficient force on the section A to overcome the spring *c* the end of same is thereby moved outward, and the movement of the standard continued until the ends of the spring drop in the following notch, which securely holds the same at that angle.

I do not confine myself to using the number of notches *b* shown, or to any special shaped spring. Therefore I claim all mechanical equivalents.

Having fully described my invention, what I claim, and wish to secure by United States Letters Patent, is—

1. The combination of the spring *c*, the cap B, provided with the cavity *g*, and the section A, for the purpose as herein specified.

2. The combination of the movable section A, provided with radial notches *b*, and means to engage with the same, whereby the spring *c* or its equivalent moves at right angles to the movement of the section A.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES C. EGERTON.

Witnesses:
G. A. BOYDEN,
WM. B. NELSON.