

R. CLINGEN.
Carriage-Flap Fastener.

No. 103,142.

Patented May 17, 1870.

Fig. 1.

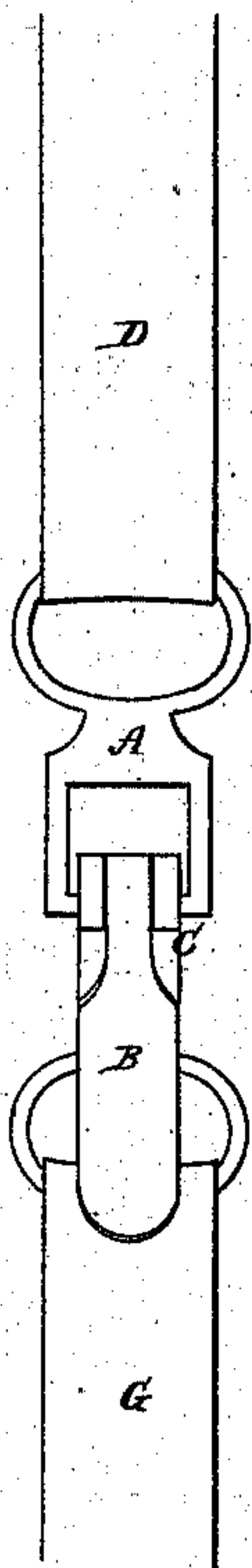


Fig. 2.

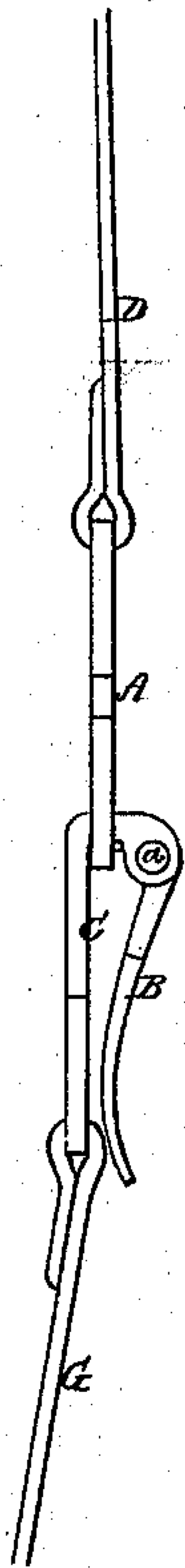


Fig. 3.

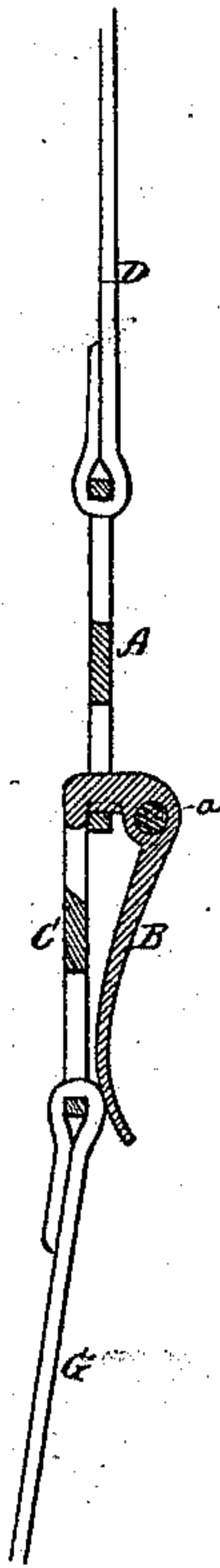


Fig. 4.

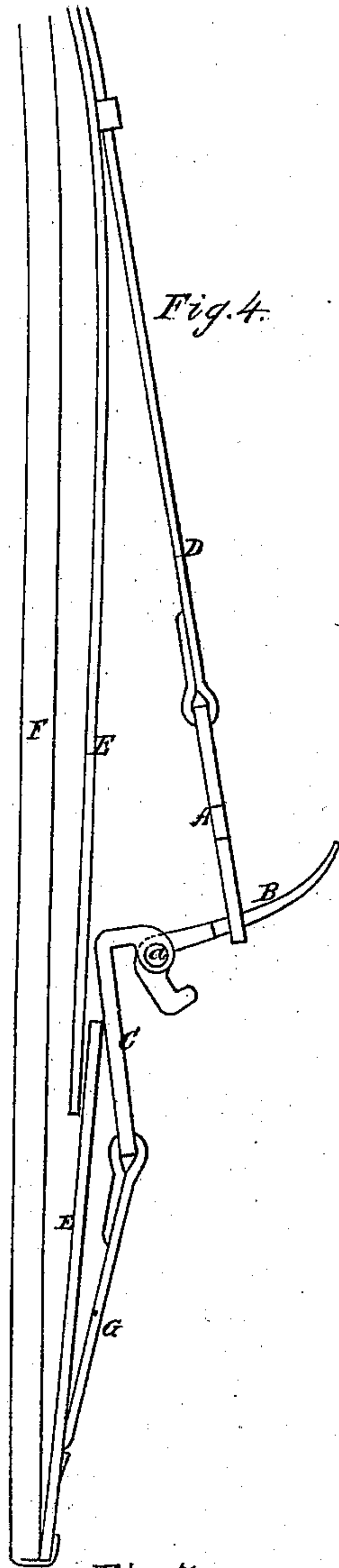


Fig. 5.

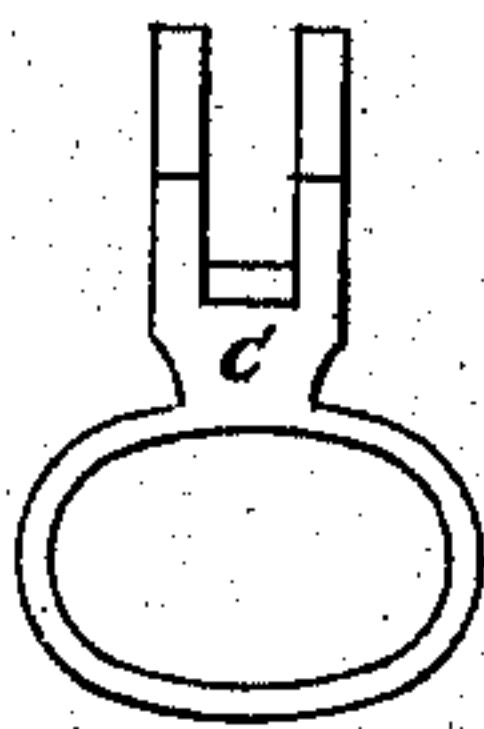


Fig. 6.

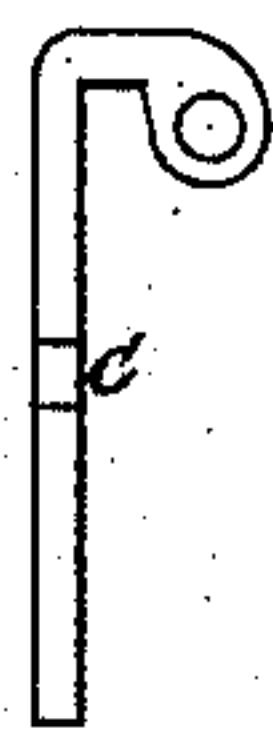


Fig. 8.

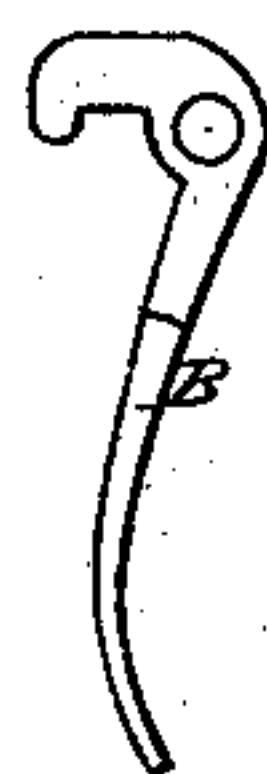


Fig. 7.



Witnesses.

S. N. Piper

J. R. Snow

Robert Clingen

by his attorney

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ROBERT CLINGEN, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO THOMAS GODDARD, OF SAME PLACE.

Letters Patent No. 103,142, dated May 17, 1870.

IMPROVED FLAP-FASTENER FOR THE DASHER OF CARRIAGES.

The Schedule referred to in these Letters Patent and making part of the same.

To all persons to whom these presents may come :

Be it known that I, ROBERT CLINGEN, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Carriage-boot-cover Fastener; and do hereby declare the same to be fully described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a front elevation of it as applied to the straps of a boot-cover and closed;

Figure 2 is a side view; and

Figure 3, a longitudinal section of it under like circumstances.

Figure 4 denotes a side view of it with its catch-lever elevated or thrown up for detachment of the stirrup.

The article is composed of three constituents, viz., the stirrup, A, the catch-lever, B, and the furcated hook C.

The stirrup, formed of metal, as shown in fig. 4, is, when in use, to be suspended from the upper strap, D, of a carriage-boot cover, E, applied in the usual manner to a dasher, F.

The furcated hook C, formed as shown in front view in Figure 5, and in side view in Figure 6, is, when in use, to be applied to the lower strap, G, of the said boot-cover.

The lever-catch B, formed as exhibited in front view Figure 7, and in side view in Figure 8, is arranged between the prongs of the hook C, and pivoted thereto,

the fulcrum-pin *a* going through the prongs and the said part C, and being arranged therein in manner as represented.

When the parts of the fastener are coupled together in manner as shown in figs. 1, 2, and 3, the stirrup will be held, in connection with the furcated hook, by the catch-lever. On lifting the longer arm of such catch-lever, the shorter arm will be caused to pry the stirrup out of connection with the furcated hook, so as to admit of the stirrup being drawn off both the said hook and the catch-lever.

The operation and value of the above-described boot-fastener will be readily apparent at a glance to carriage-makers, and most, if not all persons owning or using carriages provided with boots, as with the said fastener the securing down of the boot-cover, or the unfastening of it when needed, becomes a work of easy and certain accomplishment.

I claim as my invention—

The carriage-boot-cover fastener, as described, as composed of the stirrup A, the furcated hook C, and the catch-lever B, constructed and arranged substantially in the manner, and to operate together, as hereinbefore explained.

ROBERT CLINGEN.

Witnesses:

R. H. EDDY,
J. R. SNOW.