

M. B. MALOTT

Car Coupling.

No. 105,706.

Patented July 26, 1870.

Fig. 1.

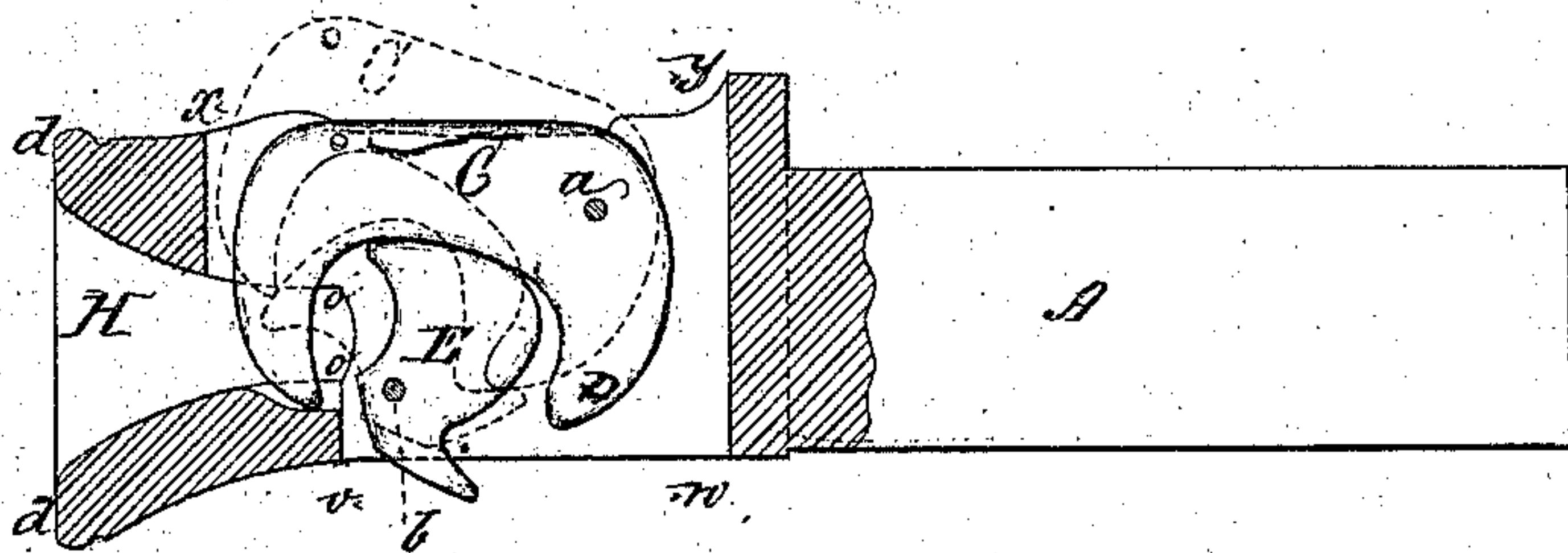
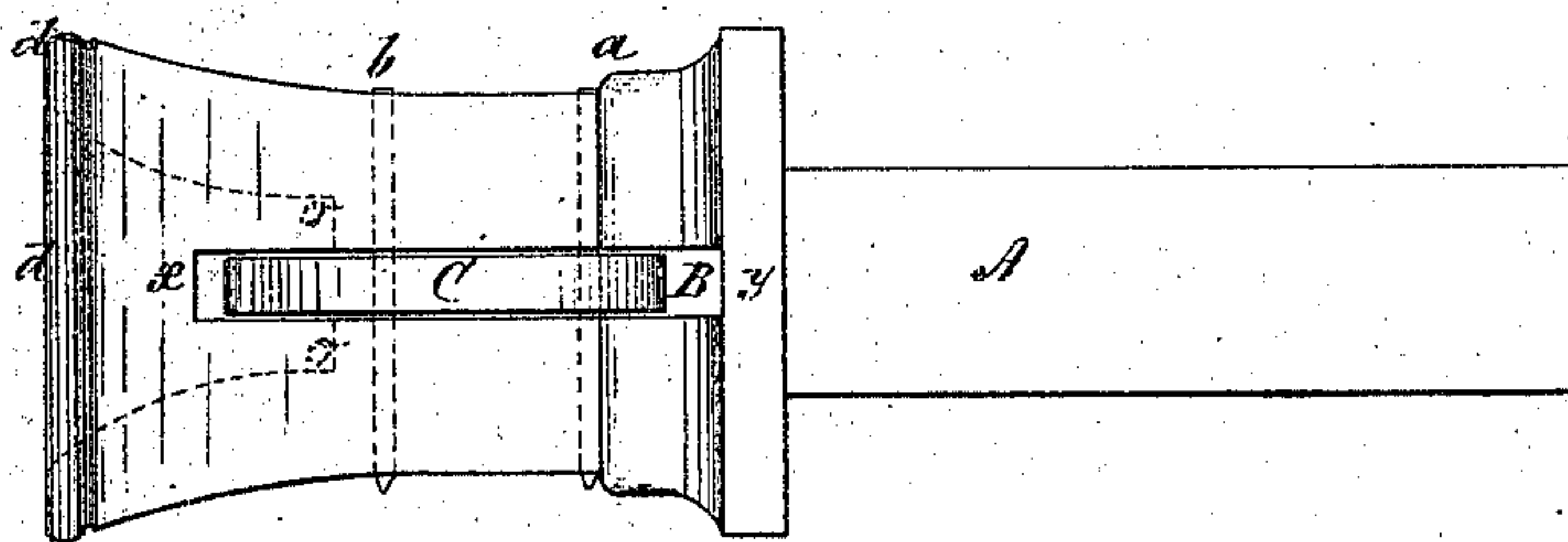


Fig. 2.



Witnesses.

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Letters Patent No. 105,706, dated July 26, 1870.

IMPROVEMENT IN CAR-COUPLING.

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

I, MALANCTHON B. MALOTT, of the city of Richmond, county of Wayne and State of Indiana, have invented certain Improvements in Railroad Car-Couplings, of which the following is a specification.

Nature and Object of the Invention.

My invention relates to an improvement in automatic car-couplings, and consists in the combination of a hook, provided with a heel, a tumbler, and a draw-head, as will hereinafter be more fully described.

Description of the Drawing.

Figure 1 is a longitudinal section of the invention.
Figure 2 is a top view of the same.

General Description.

The draw-head A is provided with a vertical slot, B, extending from *x* to *y*, on its upper side, and from *m* to *w* on its lower side.

The hook C, provided with the heel D, is of wrought iron, and works on the pin or bolt *a*.

The tumbler E, also of wrought iron, works on the pin or bolt *b*.

The sides of the jaw H, of the draw-head A, curve outwardly from the point *o* to the buffer *d*.

A chain or other device may be attached to the hook C for raising it.

The dotted lines in fig. 1 show the positions that the hook C and tumbler E occupy before the link enters the draw-head.

The toe of the hook C rests on the tumbler E near its point, and the heel D rests on the notch of the tumbler E.

The link enters the draw-head A, strikes the tumbler E, drives it upward, and the toe of the hook C slips over the point of the tumbler E, and falls into the link, where it remains until raised by the chain or other device.

When the hook C is raised from the link, and the link is withdrawn, the hook and tumbler fall back to the position shown by the dotted lines in fig. 1.

Claim.

I claim as my invention—

The hook C, provided with the heel D, and the tumbler E, arranged relatively one to the other, and operated in combination with the draw-head A, provided with the slot B, substantially as described, for the purpose specified.

MALANCTHON B. MALOTT.

Witnesses:

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