

A. H. LOOMIS.

LADDER.

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914,436.

Patented Mar. 9, 1909.

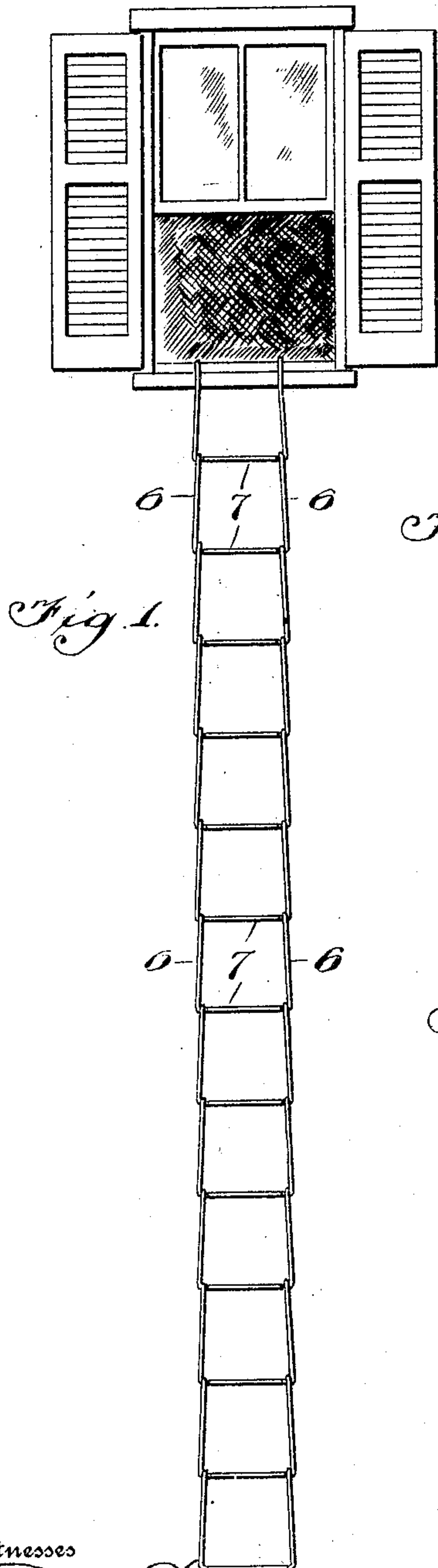


Fig. 1.

Fig. 2.

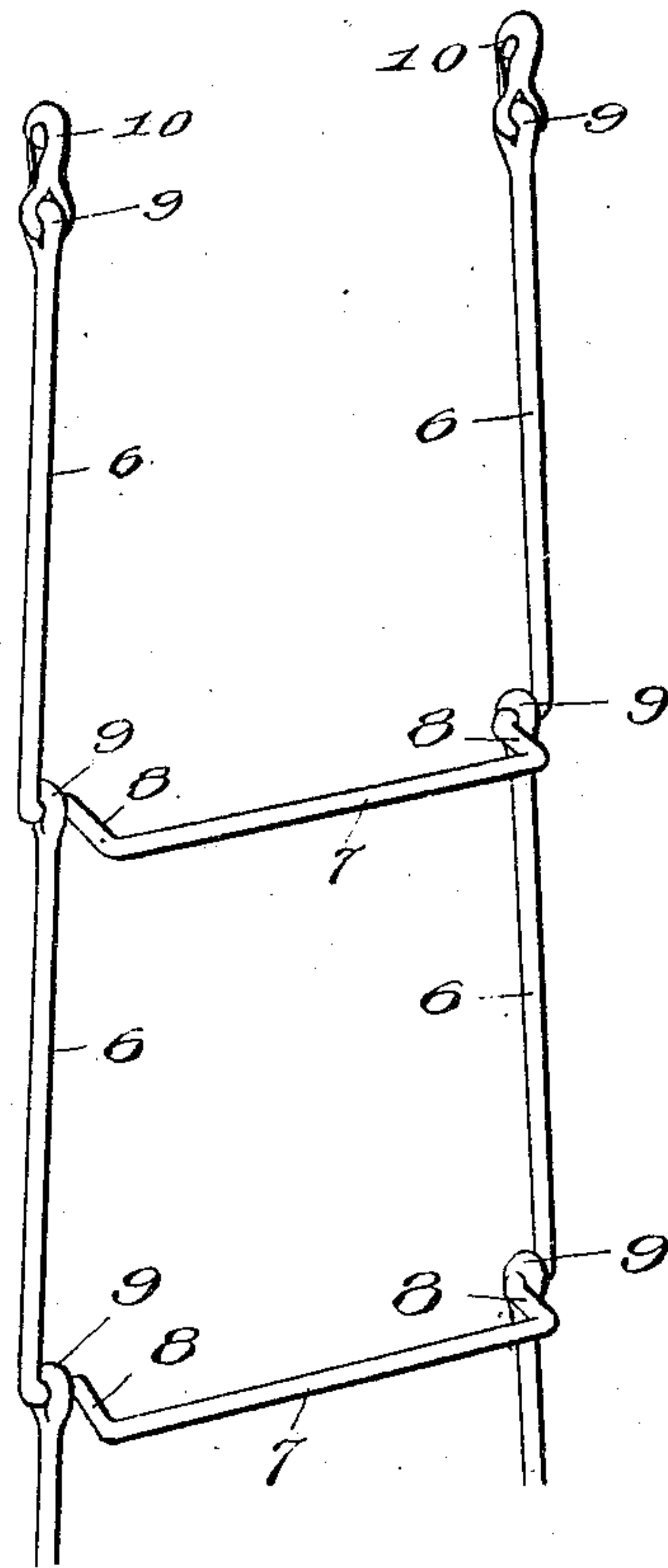
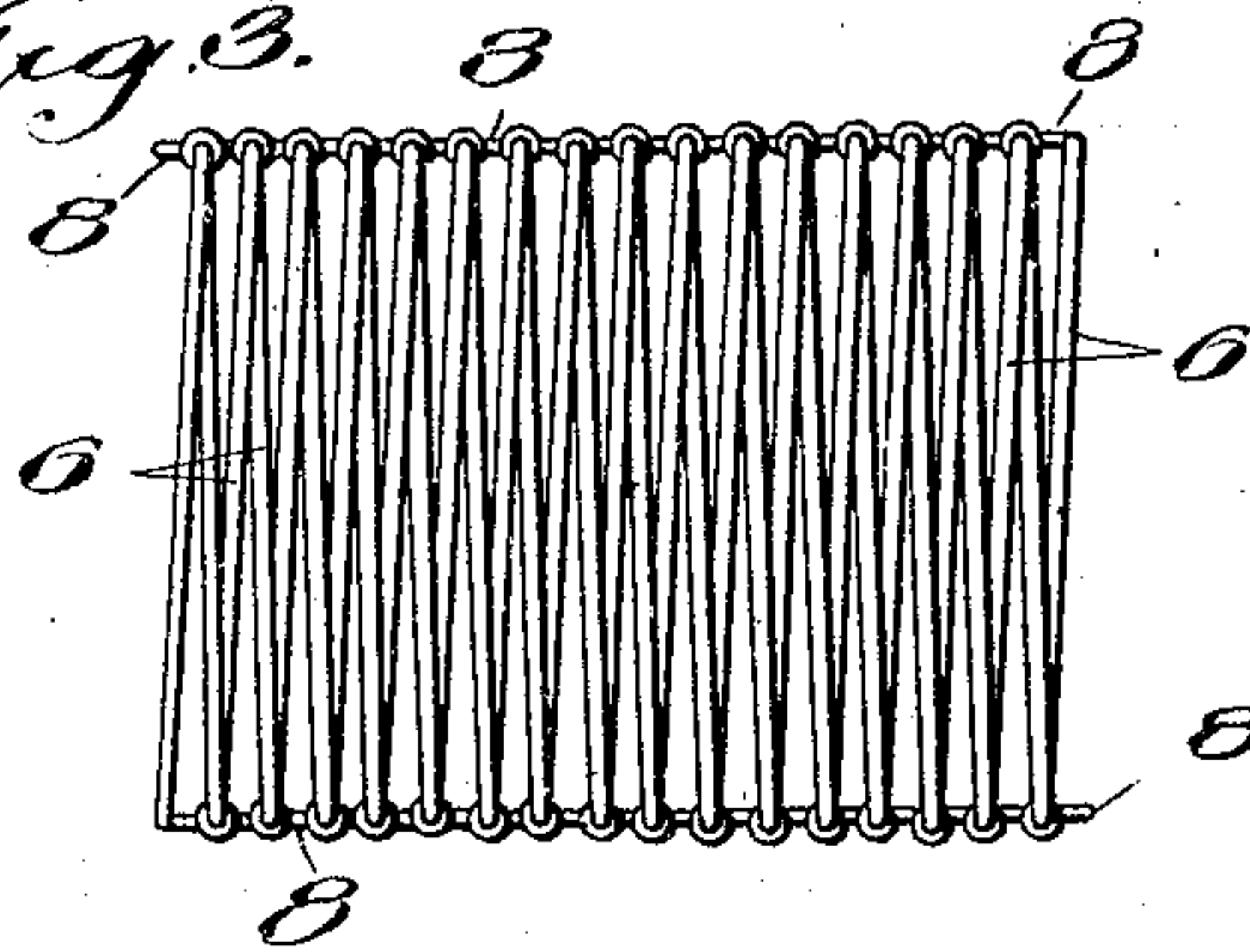


Fig. 3.



Witnesses

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LADDER.

No. 914,436.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ALBERT H. LOOMIS, a citizen of the United States, residing at Ravenna, in the county of Portage and State of Ohio, have invented certain new and useful Improvements in Ladders, of which the following is a specification.

This invention is a flexible ladder particularly adapted for use as a fire-escape, being conveniently made of light metal rods, in sections connected one to another and capable of being folded together, so as to occupy little space when not in use. The ladder may be made in several parts which by means of snap hooks can be united to make a complete ladder of any desired length. This will be convenient in high buildings, allowing convenient storage of the various parts, but enabling them to be quickly connected in time of emergency. The ladder is so constructed that the rounds or foot pieces project out from the building at each step, so it can be let down close beside a building if necessary, affording at such time good footholds.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is a front view of the ladder; Fig. 2 is a perspective of a section thereof, enlarged; Fig. 3 is an end view of the ladder folded up.

The ladder comprises a series of sections of light metal rods, each of which is bent to form vertical side pieces 6 and a cross piece or round 7 at the bottom thereof. The lower ends of the side pieces are bent out or forwardly at substantially a right angle, to form offsets 8 connecting the side pieces and

the round. When the ladder is hung in proper manner beside a building, the side pieces may rest against the wall, with the rounds out several inches therefrom, affording good foot holds. The sections are united by means of eyes 9 produced at the top of the rods and preferably closed by welding around inwardly offset portions connecting the side pieces to the inner ends of the outwardly extending parts 8. The eyes are large enough to produce sufficient flexibility to allow the ladder to be folded to small compass, for convenient storage.

The ladder, especially for use in high buildings, is preferably made in several parts or lengths which may be quickly united on occasion by snap hooks 10 connected to the eyes at the top of the side pieces and adapted to engage the offsets 8 of the length above.

In case of fire the ladder can be quickly let out of a window, uniting several lengths if necessary, and then used for the intended purpose.

I claim:

A ladder comprising several sections each consisting of a rod bent to form side pieces with eyes at the upper ends, inwardly offset portions at the lower ends of said side pieces and an outwardly offset cross piece at the inner ends of said portions, the eyes extending around said inwardly offset portions to unite the sections.

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

ALBERT H. LOOMIS.

Witnesses:

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