

N<sup>o</sup> 15,594



A.D. 1900

Date of Application, 1st Sept., 1900—Accepted, 10th Nov., 1900

COMPLETE SPECIFICATION.

An Improved Door-Latch.

I, JOHAN PETTER JOHANSSON, of Enköping, in the Kingdom of Sweden, Manufacturer, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

5 This invention relates to a door-latch which is provided with a handle on both sides of the door and can be opened by pulling the handle on one side of the door in the direction in which the door opens or by pushing the opposite handle, its closing being facilitated by reversing these movements.

10 In the accompanying drawing such a latch is illustrated in plan view in Figure 1, and in side view in Figure 2.

*a* is a lever which is bent at both ends to form a handle, and is placed in a groove in the fore-edge of the door *i*. The said lever on the outer edge, is provided with a projection *b* which is intended, on the closing of the door, to engage with the edge of a plate *k* fastened on the corresponding door-frame *j* or on the fixed half of the door. A hole *c*, in the lever *a* receives a bolt *d* fastened to the door *i*, so that the lever swings on said bolt, which is surrounded by a spring *h*, one end of which is fastened to the lever *a*, while its other end bears on a plate *g* fastened on the side of the door and also serving as a support for the bolt *d*. The lever *a* is also provided with a hole *e*, into which a short hook or the like can be inserted in order to prevent the turning, *i.e.* the opening of the latch, when it is desired to keep the door closed. The end *f* of the lever *a* situated nearest the projection *b*, may be curved more than the other end, in order to facilitate the opening of the door from this side, said opening being effected by pushing on this part of the latch.

25 Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

30 An improved door-latch consisting of a double lever (*a*) provided with a projection (*b*) situated at a convenient distance from a pivot or bolt (*d*) arranged in a vertical position on the side of the fore-edge of the door, and about which said lever rotates, and a spring pressing forward that end upon which the said projection is arranged, substantially as described.

Dated this 1st day of September 1900.

35 D. YOUNG & Co.,  
11 & 12, Southampton Buildings, London, W.C.,  
Agents for the Applicant.

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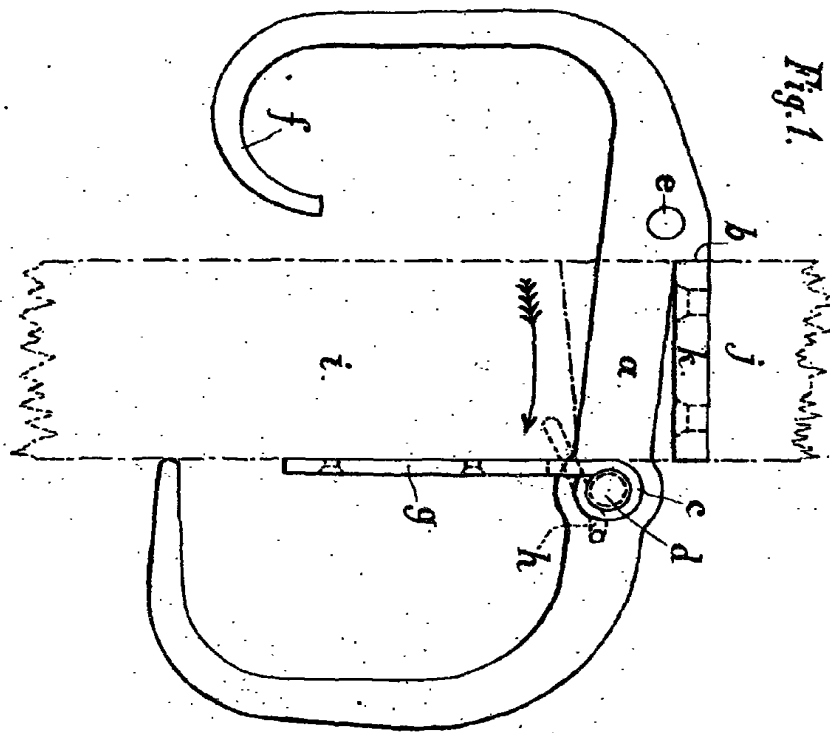


Fig. 1.

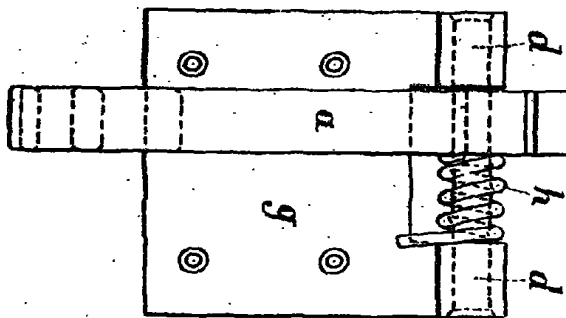


Fig. 2.

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[This Drawing is a reproduction of the Original on a reduced scale]