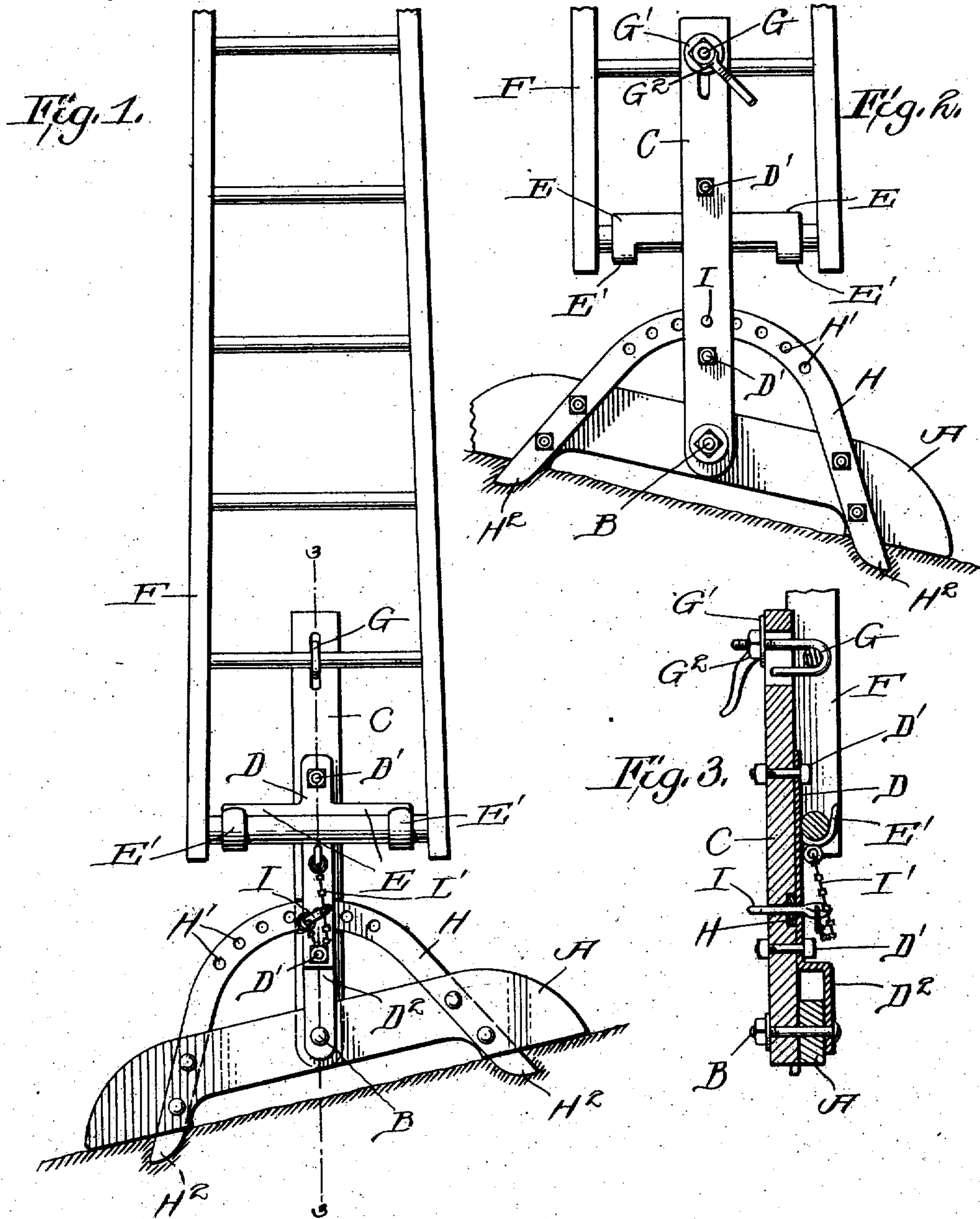


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ADJUSTABLE LADDER BASE.  
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973,509.

Patented Oct. 25, 1910.



Witnesses

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# UNITED STATES PATENT OFFICE.

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## ADJUSTABLE LADDER-BASE.

973,509.

Specification of Letters Patent.

Patented Oct. 25, 1910.

Application filed June 4, 1910. Serial No. 565,030.

*To all whom it may concern:*

Be it known that I, ENOCH ISON, a citizen of the United States, residing at Central Lake, in the county of Antrim and State of Michigan, have invented a new and useful Improvement in Adjustable Ladder-Bases, of which the following is a specification.

This invention relates to an adjustable base for ladders, the object being to provide a base which can be easily and quickly attached to any of the well known makes of ladders now in use, whereby the ladder will be supported perpendicularly and in such a manner that all danger of the same slipping is prevented.

Another object of my invention is to provide a base which is so constructed that the same will adjust itself to an uneven surface in order to support the ladder in a proper position.

A still further object of the invention is to provide a base which is exceedingly cheap and simple in construction, and one which is very strong and durable.

With these and other various objects in view, the invention consists in the novel features of construction, combination and arrangement of parts, hereinafter fully described and pointed out in the claims.

In the drawing forming a part of this specification: Figure 1 is a front view of my improved ladder base, showing the application of the same. Fig. 2 is a rear view of the base. Fig. 3 is a section taken on line 3—3 of Fig. 1.

In carrying out my improved invention I employ a base member A formed of any suitable material, having a bolt B, extending centrally therethrough, on one end of which is pivotally mounted a standard C, to the face of which is secured a metal strap D by bolts D', the lower end of said strap being offset as shown at D<sup>2</sup> which extends over the base A and is pivotally mounted on the other end of the bolt B, so as to allow the standard and strap to swing on the bolt as a pivot, for the purpose later described. The strap is provided with outwardly extending arms E adjacent its upper end provided with hooks E' at their ends adapted to receive the bottom round of a ladder F for supporting the ladder when placed in position thereon, and for locking the ladder to the standard so as to prevent the same from becoming accidentally detached; or moving in any way, I provide the standard

with a slot at its upper end, through which extends a hook bolt G adapted to embrace the second round of the ladder, and said bolt carries a washer G' and a tail nut G<sup>2</sup> for clamping the bolt tightly over the round of the ladder. By this construction the bolt can be adjusted vertically within the standard in order to embrace the second round of the ladder of any make.

Secured to the base A is an arched shaped member H provided with a series of openings H' and depending end portions H<sup>2</sup> which are reduced to form spurs adapted to embed themselves in the ground when the base is placed thereon, so as to prevent the same from slipping, and said member is preferably secured to the base by bolts, as clearly shown. The member works through a groove formed in the face of the standard C, under the strap D and the strap D is provided with an opening adapted to register with the openings H' of the member H, through which is adapted to pass a pin I carried by a chain I', said pin extending into an opening formed in the standard C, so as to lock the base in its adjusted position.

From the foregoing description it will be seen that I have provided an adjustable ladder base which is so constructed that after the same has been secured in position on a ladder and the base placed on an uneven surface, it will adjust itself in such a manner that the ladder will be held vertically.

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent is:—

1. A device of the kind described comprising a base, a standard pivotally mounted on said base, means carried by said standard for supporting a ladder, and means for locking said standard in its adjusted position.

2. An adjustable base for ladders comprising a base member, a standard pivotally mounted on said base member, means carried by the standard for supporting a ladder, an arched shaped member carried by the base, and means for locking said member to said standard.

3. A device of the kind described comprising a base, a ladder supporting member pivotally mounted on said base, and means for locking said supporting member in its adjusted position.

4. In a device of the kind described, the combination with a base, of a standard piv-



otally mounted on said base, a strap carried by said standard pivotally connected to said base, hooks carried by said strap adapted to receive the round of a ladder, and a hook  
5 bolt carried by said standard for securing a ladder thereto.

5. A device of the kind described comprising a base, a standard pivotally mounted on said base, a strap secured to said standard  
10 provided with arms having supporting hooks, a fastening member carried by said standard, and means for locking said standard in its adjusted position.

6. In a device of the kind described, the  
15 combination with a base carrying a bolt, of a standard pivotally mounted on one end of said bolt provided with a slotted upper end, a strap secured to said standard provided with an offset lower end pivotally mounted  
20 on the other end of said bolt, arms carried by said strap provided with hooks adapted to receive the lower round of a ladder, a hook bolt adjustably mounted in the slot of the standard adapted to embrace the sec-  
25 ond round of the ladder, and means for locking said standard in its adjusted position.

7. In a device of the kind described, the combination with a base having a transverse bolt, of a standard pivotally mounted on

said bolt provided with a groove and a slot- 30  
ted end portion, a strap secured to the face of said standard provided with an offset lower end pivotally mounted on said bolt, arms extending outwardly from said strap carrying hooks, a fastening member mount- 35  
ed in said slot, an arched shaped member secured to said base extending through said groove of said standard provided with a series of perforations, spurs formed on the lower end of said member, and a pin carried 40  
by a chain secured to said strap adapted to pass transversely through said strap, member and standard.

8. In a device of the kind described, the combination with a base, of a standard piv- 45  
otally mounted on said base provided with a groove, means carried by said standard for supporting a ladder, an arched shaped member secured to said base provided with spurs at its lower end, and a pin adapted to pass 50  
transversely through an opening formed in said standard and member for locking the same in its adjusted position.

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Witnesses:

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