

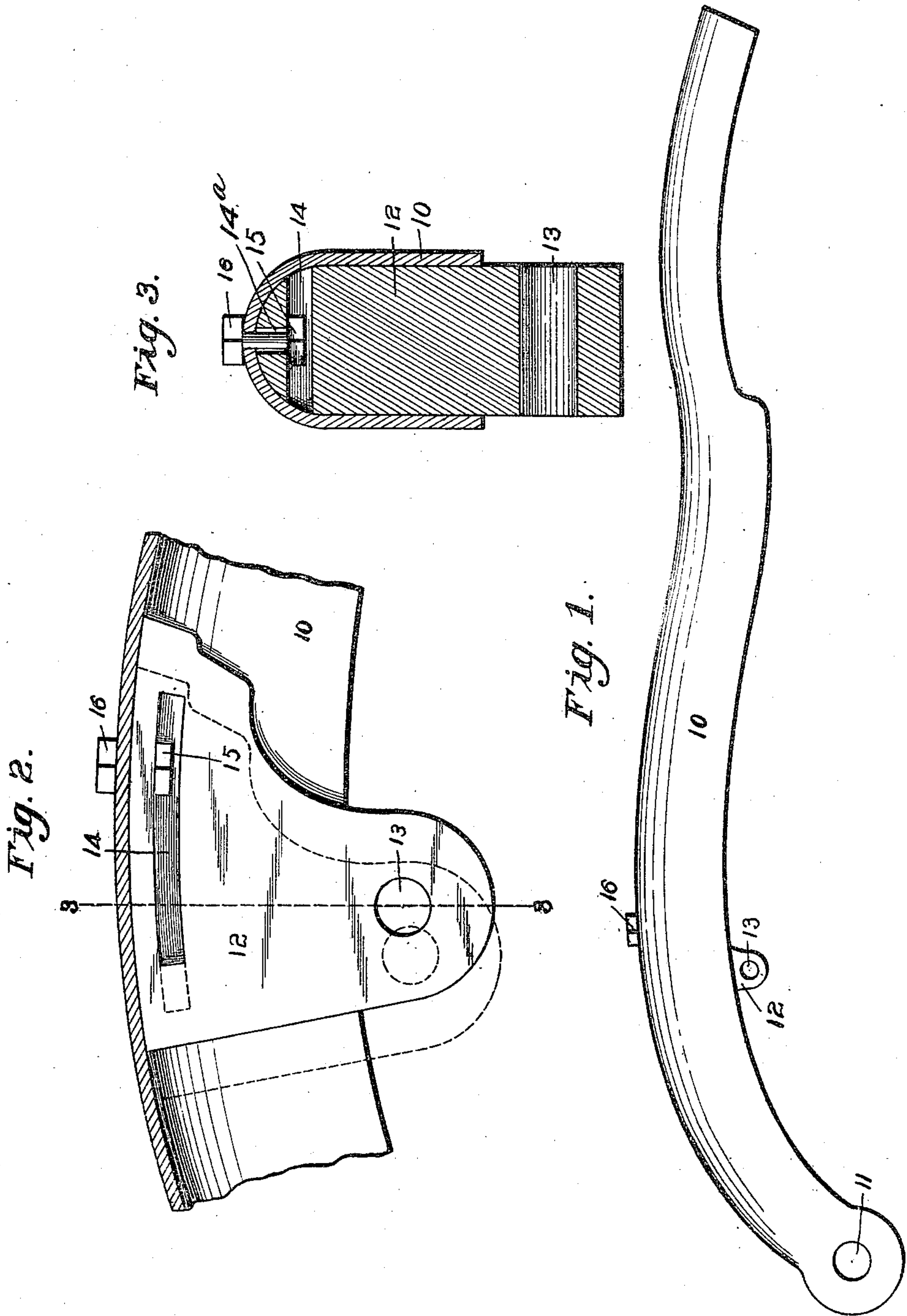
C. L. KENYON.

PUMP HANDLE.

APPLICATION FILED JAN. 2, 1909.

960,954.

Patented June 7, 1910.



Witnesses.

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# UNITED STATES PATENT OFFICE.

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## PUMP-HANDLE.

960,954.

Specification of Letters Patent.

Patented June 7, 1910.

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*To all whom it may concern:*

Be it known that I, CLAYTON L. KENYON, a citizen of the United States, residing at Tama, in the county of Tama and State of Iowa, have invented a certain new and useful Pump-Handle, of which the following is a specification.

The object of my invention is to provide a pump handle susceptible of being formed complete of a single piece of sheet metal, and having an adjustable fulcrum block so arranged that it may be fitted to pumps of different styles and make, and having different distances between the point on which the handle is fulcrumed and the point to which the pump rod is connected.

My invention consists in the construction, arrangement and combination of the various parts of the device, whereby the objects contemplated are attained, as hereinafter more fully set forth, pointed out in my claims and illustrated in the accompanying drawings, in which—

Figure 1 shows a side elevation of a pump handle embodying my invention. Fig. 2 shows an enlarged detail view of the adjustable fulcrum block, and a sectional view of a portion of the pump handle. The dotted lines in said figure show an adjusted position of the fulcrum block, and Fig. 3 shows a sectional view on the line 3—3 of Fig. 2.

Referring to the accompanying drawings, I have used the reference numeral 10 to indicate the body portion of the pump handle. This is preferably made of a single piece of sheet metal substantially U shaped in cross section, as shown in Fig. 3. At one end thereof I have formed an opening 11 designed to receive a bolt for connecting the pump handle to a pump rod.

Mounted within the handle at a point spaced apart from the opening 11 is a fulcrum block 12, the top and sides of which are shaped to fit the interior of the handle, and said block projects below the handle. In the part of the block that projects below the handle is a bolt opening 13 designed to receive a bolt for connecting the fulcrum block to a pump.

I have provided for adjustably securing the block in the handle as follows: Near the upper portion of the block is a slot 14 extended transversely through the block from side to side, and also extended longitudinally of the block from a point near its front end, to a point near its rear end, and

parallel with the adjacent portion of the handle. A second slot 14<sup>a</sup> extends from the slot 14 to the top of the block. A nut 15 is placed in the slot 14, and a bolt 16 is passed downwardly through the handle and through the slot 14<sup>a</sup>, and seated in said nut. By means of this arrangement, it is obvious that the handle need only be provided with a single bolt opening, and hence is not weakened. Furthermore, a single bolt and nut of the ordinary construction is all that is necessary for detachably and adjustably connecting the block to the handle.

In practical use, and assuming that it is desired to adjust the position of the block relative to the handle to suit the requirements, then the operator unscrews the bolt 16 from the nut enough to loosen it, and he then slides the block longitudinally of the handle to the desired position, and finally the bolt is tightened.

Heretofore it has been customary to form pump handles with the bolt openings thereof arranged at fixed distances apart so that a dealer was required to carry in stock a large number of handles for different dimensions or distances between the bolt openings. By means of the improved construction set forth herein, a dealer need only carry in stock one kind of pump handle, and then the user may readily, quickly and easily adjust it to fit any pump of ordinary size. Furthermore, the construction is very strong and durable, and the entire pump handle and fulcrum block may be manufactured at slight cost.

I claim as my invention:

1. An improved pump handle, comprising a body portion formed hollow and of substantially inverted U-shape in cross section, a fulcrum block mounted for longitudinal movement within the hollow handle and extended below it, the sides of the hollow handle being in engagement with the fulcrum block to prevent lateral movement thereof, and means for adjustably securing the fulcrum block within the hollow handle.

2. An improved pump handle comprising a sheet metal body portion formed hollow, a fulcrum block slidingly mounted therein and having a portion projected below the body and provided with a bolt opening, and a bolt passed through the body portion and adjustably connected to the fulcrum block.

3. An improved pump handle comprising a body portion formed complete of a single

piece of sheet metal substantially U shaped  
in cross section, and provided at one end  
with a bolt opening, a fulcrum block ar-  
ranged within the body portion and shaped  
5 to fit it, and having a part projecting below  
the body portion, said part being provided  
with a bolt opening, said fulcrum block also  
being provided with a longitudinal slot near  
its upper portion parallel with the adjacent  
10 portion of the said body, a nut in said slot

and a bolt passed through the body portion  
of the handle and through the upper por-  
tion of the fulcrum block and seated in said  
nut, substantially as and for the purposes  
stated.

Des Moines, Iowa, October 5, 1908.

CLAYTON L. KENYON.

Witnesses:

S. C. HUBER,

W. H. DEAN.