

No. 740,862.

PATENTED OCT. 6, 1903

W. ISRAEL.

LAMP BRACKET OR HOLDER FOR MINERS' LAMPS.

APPLICATION FILED MAR. 17, 1903.

NO MODEL.

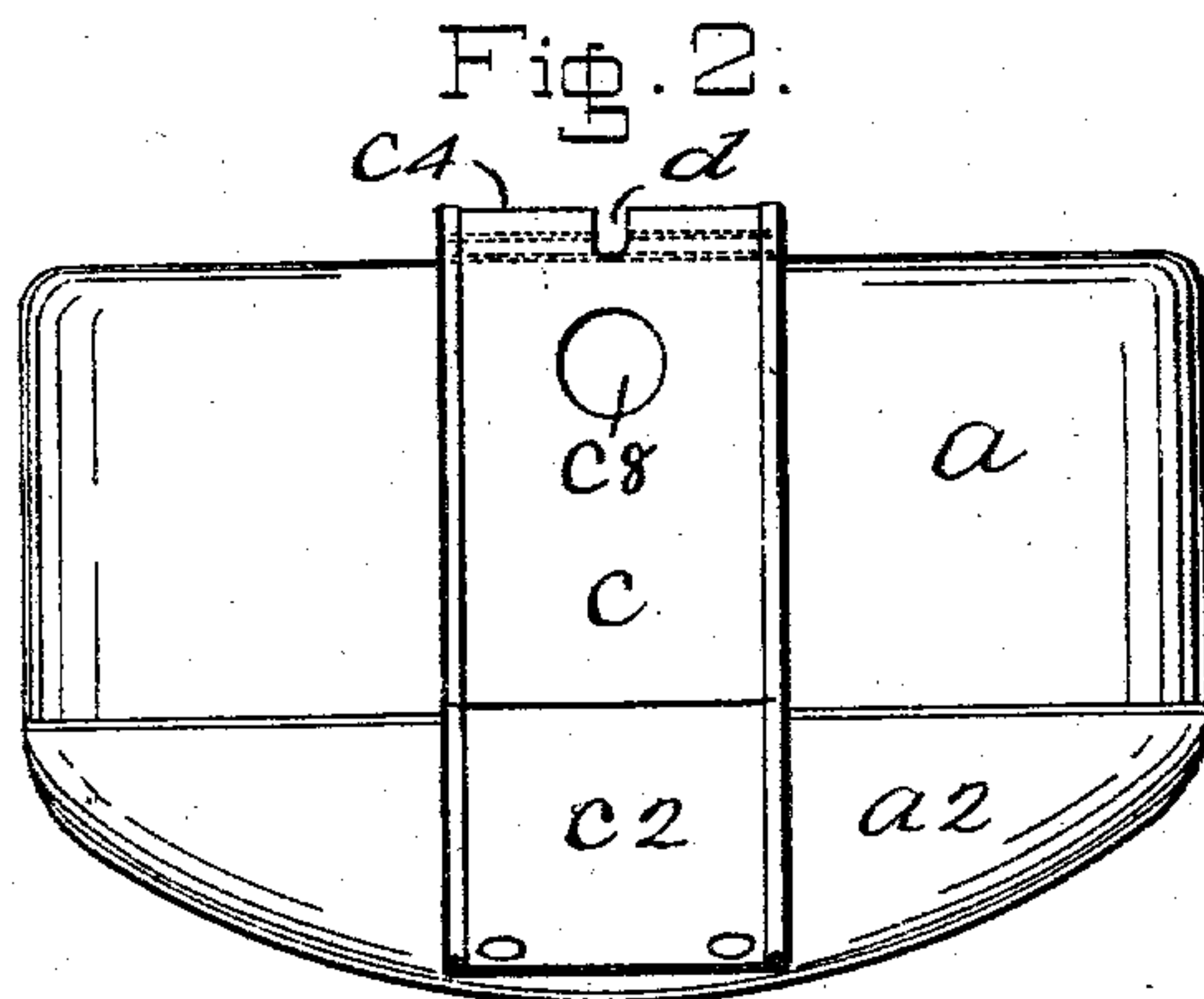
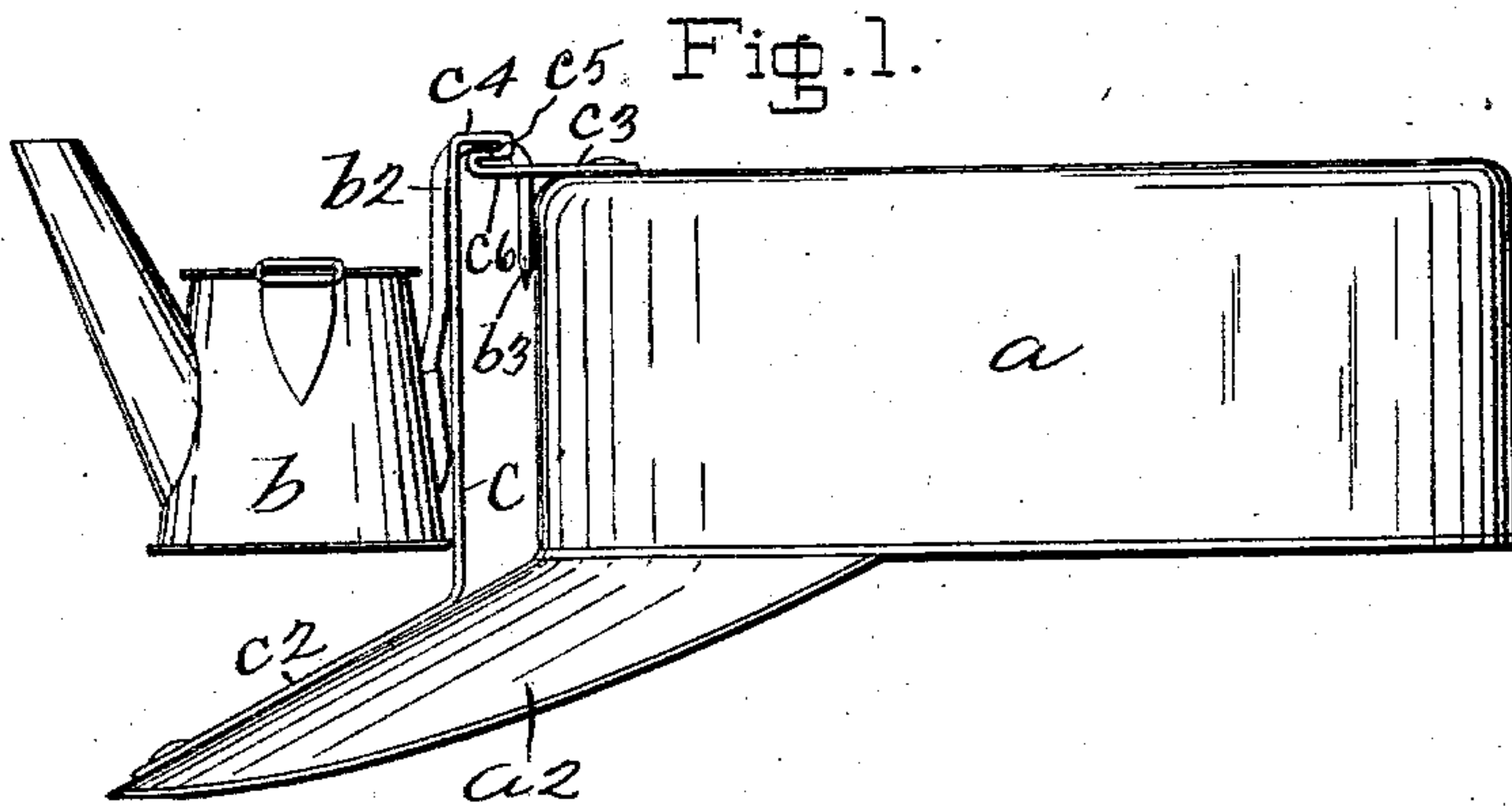


Fig. 3.

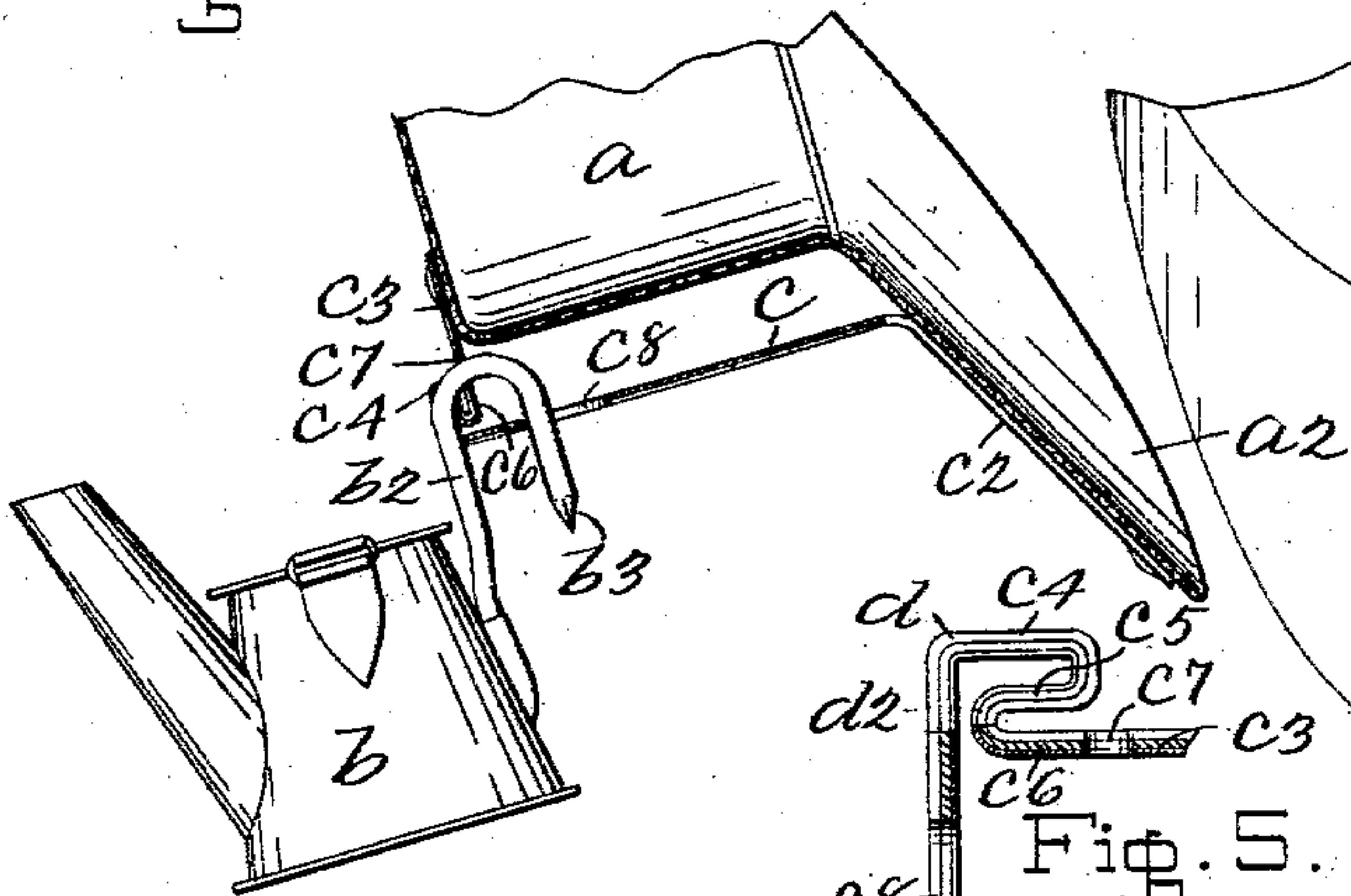
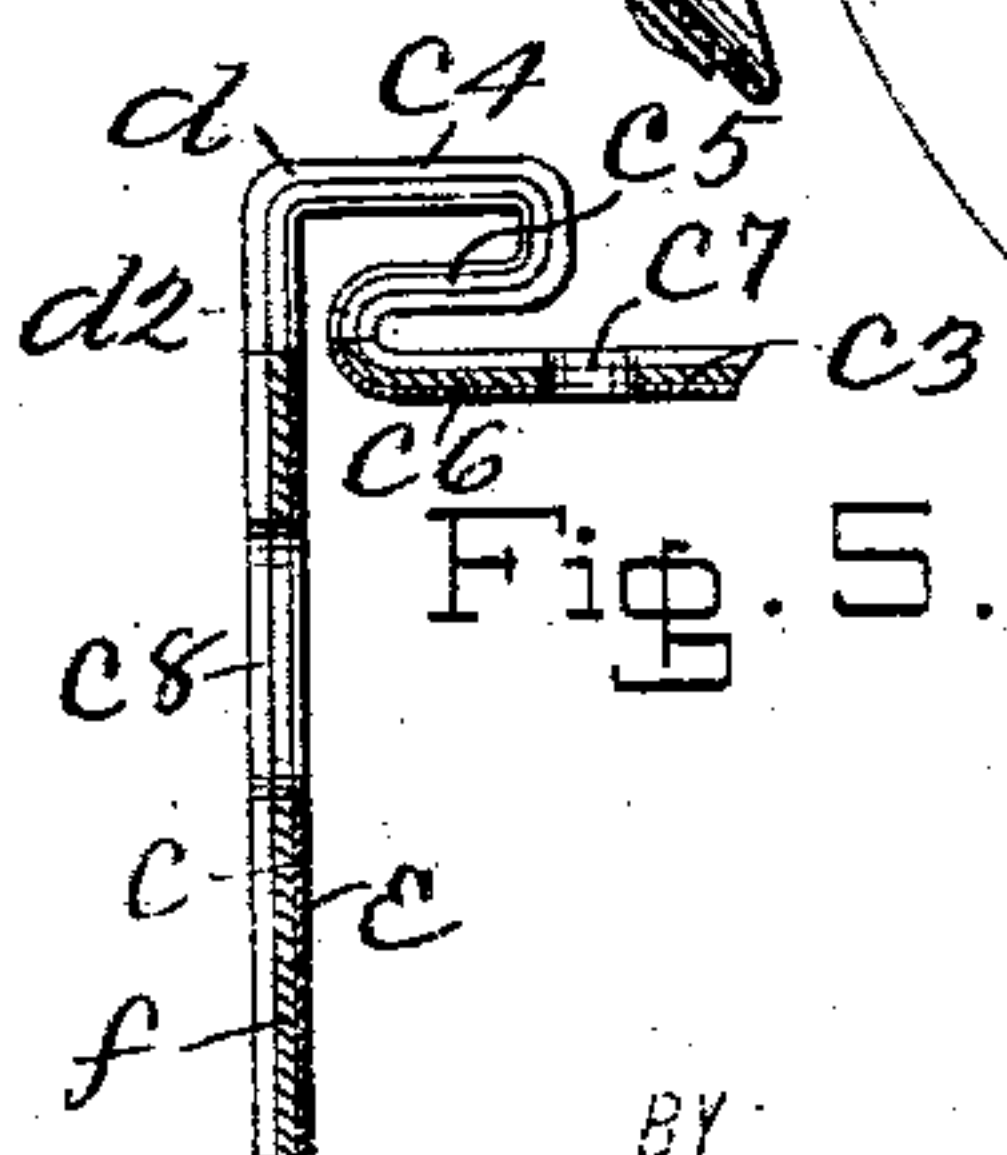
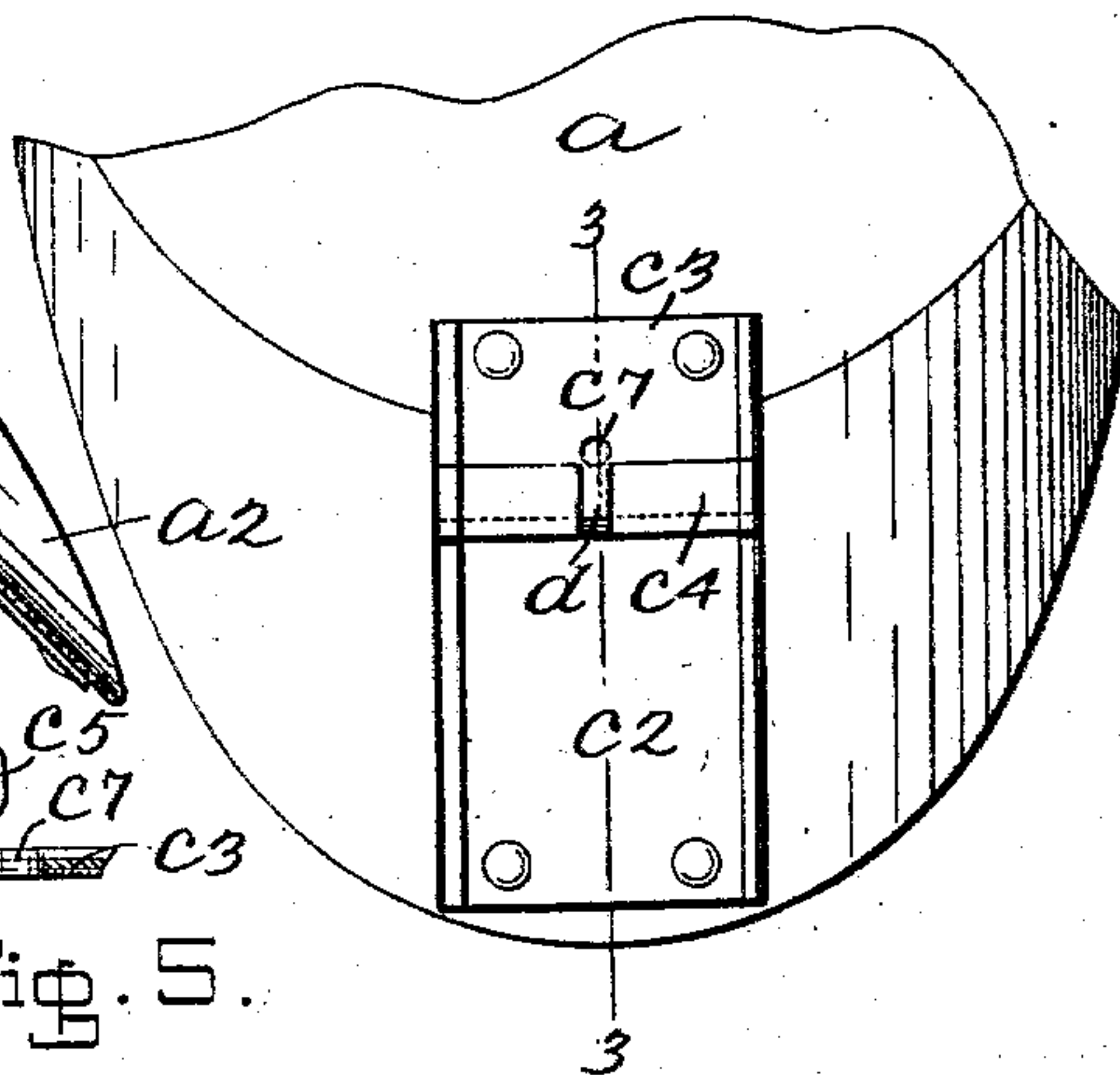


Fig. 4.



WITNESSES

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LAMP BRACKET OR HOLDER FOR MINERS' LAMPS.

SPECIFICATION forming part of Letters Patent No. 740,862, dated October 6, 1903.

Application filed March 17, 1903. Serial No. 148,149. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM ISRAEL, a citizen of the United States, residing at Wilkesbarre, in the county of Luzerne and State of Pennsylvania, have invented certain new and useful Improvements in Lamp Brackets or Holders for Miners' Lamps, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

The object of this invention is to provide an improved bracket for miners' caps, whereby a lamp will be retained in proper position at all times, either when the wearer of the cap is standing upright or bending forwardly, and whereby the lamp will be secured against side motion; and with this and other objects in view the invention consists of a lamp-bracket for miners' caps constructed as hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which—

Figure 1 is a side view of a miner's cap provided with my improvement and showing a lamp; Fig. 2, a front view thereof without the lamp; Fig. 3, a central section on the line 3-3 of Fig. 4 and showing the cap tilted forward and showing also the lamp; Fig. 4, a plan view of the device as shown in Fig. 2, and Fig. 5 a section of the lamp-bracket or a part thereof on an enlarged scale.

In the drawings forming part of this specification I have shown at *a* an ordinary miner's cap provided with the usual peak or vizor *a*², and I have shown an ordinary miner's lamp *b*, provided with an ordinary attaching-hook *b*², which is yoke-shaped in form and provided with a downwardly-directed member *b*³.

In the practice of my invention I provide a bracket or lamp holder which is comprised of an upright portion *c*, provided at its lower end with a downwardly and forwardly inclined portion *c*², whereby it may be secured to the peak or vizor *a*² in the usual manner, and with a backwardly-directed upper end

portion *c*³, whereby it may be secured to the top or crown of the cap. At the upper end of the upright portion *c* of the bracket or holder said bracket or holder is formed into an S-shaped portion consisting of a backwardly-directed member *c*⁴, a forwardly-directed member *c*⁵, and a backwardly-directed member *c*⁶, which forms a part of the portion *c*³, and formed transversely in this S-shaped portion is a slot or opening *d*, which extends downwardly to the center portion or curved portion between the parts *c*⁵ and *c*⁶, as shown at *d*², and the part *c*⁶ thus serves to support the lamp, the hook member *b*² of which is passed into the slot or opening *d*. In the backwardly-directed portion *c*³ is also formed a small opening *c*⁷, through which the downwardly-directed part *b*³ of the hook member *b*² is passed, and in the upright portion of the bracket or holder is a large opening *c*⁸.

The position of the lamp when in use is shown in Fig. 1, in which it is held in an upright position, and if at any time the miner leans forward or stoops forward the cap, the bracket or holder, and the lamp assume the position shown in Fig. 3, in which the hook *b*² of the lamp turns on the part *c*⁶ of the bracket or holder and the pointed end *b*³ passes through the opening *c*⁸. By means of this construction the lamp is properly supported at all times and cannot swing laterally to any extent, but is free to swing forwardly and backwardly under the conditions above specified.

The bracket or holder is preferably composed of a back portion *e*, of fine sheet metal, and a front portion *f*, of pressed pulp fiber or any other suitable material; but my invention is not limited to the material of which this bracket is composed, and the entire bracket or holder may be made of metal, if desired.

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

A bracket or holder for miners' lamps adapted to be connected with a cap in the usual manner, and comprising an upright portion and a backwardly-directed top portion, and the upwardly-directed portion being formed above the backwardly-directed portion into an S-shaped portion of which the backwardly-

directed portion forms the bottom member, the top and middle portions being slotted forwardly and backwardly to receive the hook of the lamp, the backwardly-directed portion
5 being also provided with a small opening and the upright portion with a larger opening, substantially as shown and described.

In testimony that I claim the foregoing as

my invention I have signed my name, in presence of the subscribing witnesses, this 14th day of March, 1903.

WILLIAM ISRAEL.

Witnesses:

WILLIAM A. O'NEILL.

ALEXANDER RICKETTS.