

No. 732,715.

PATENTED JULY 7, 1903.

H. C. CONDIT.  
PLIERS.

APPLICATION FILED MAY 12, 1903.

NO MODEL.

Fig - 1.

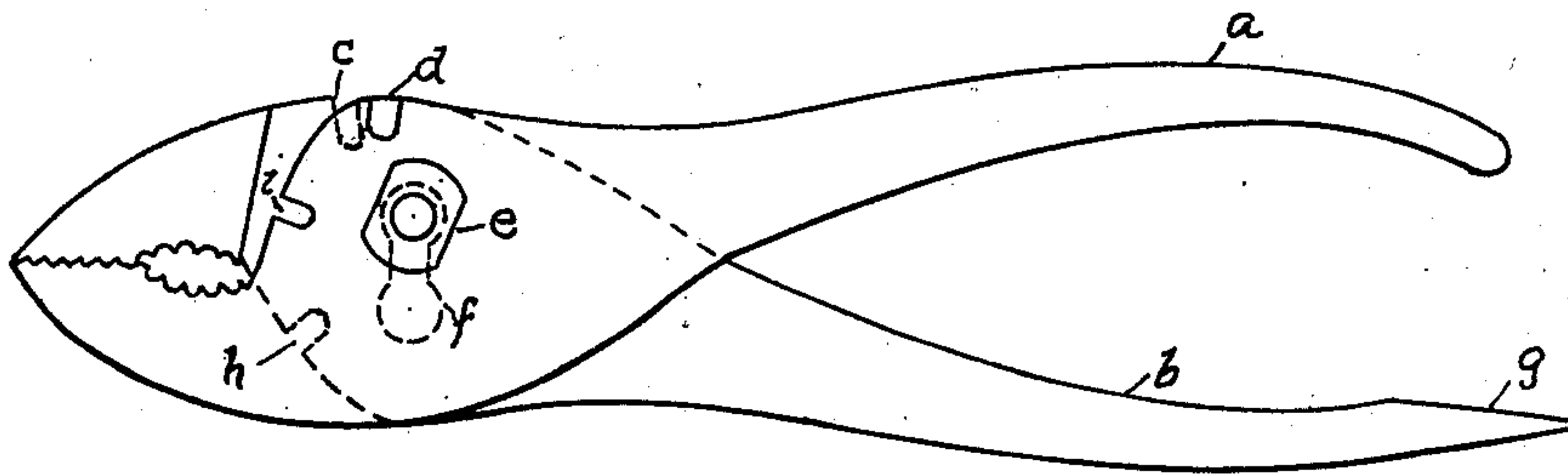


Fig - 2.

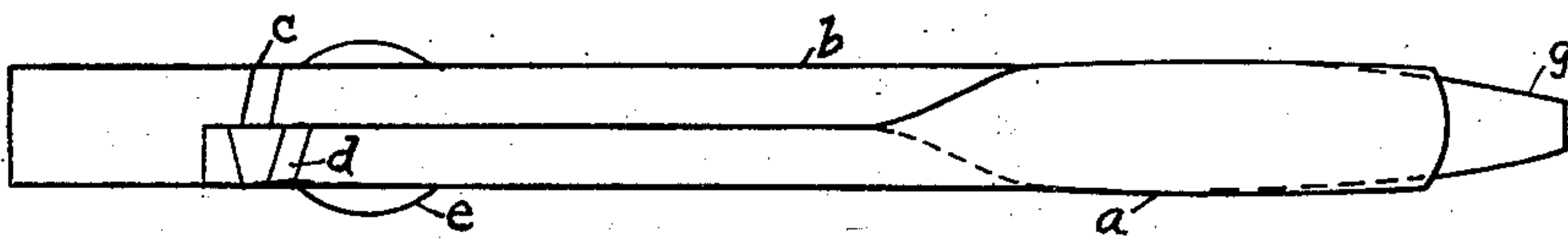
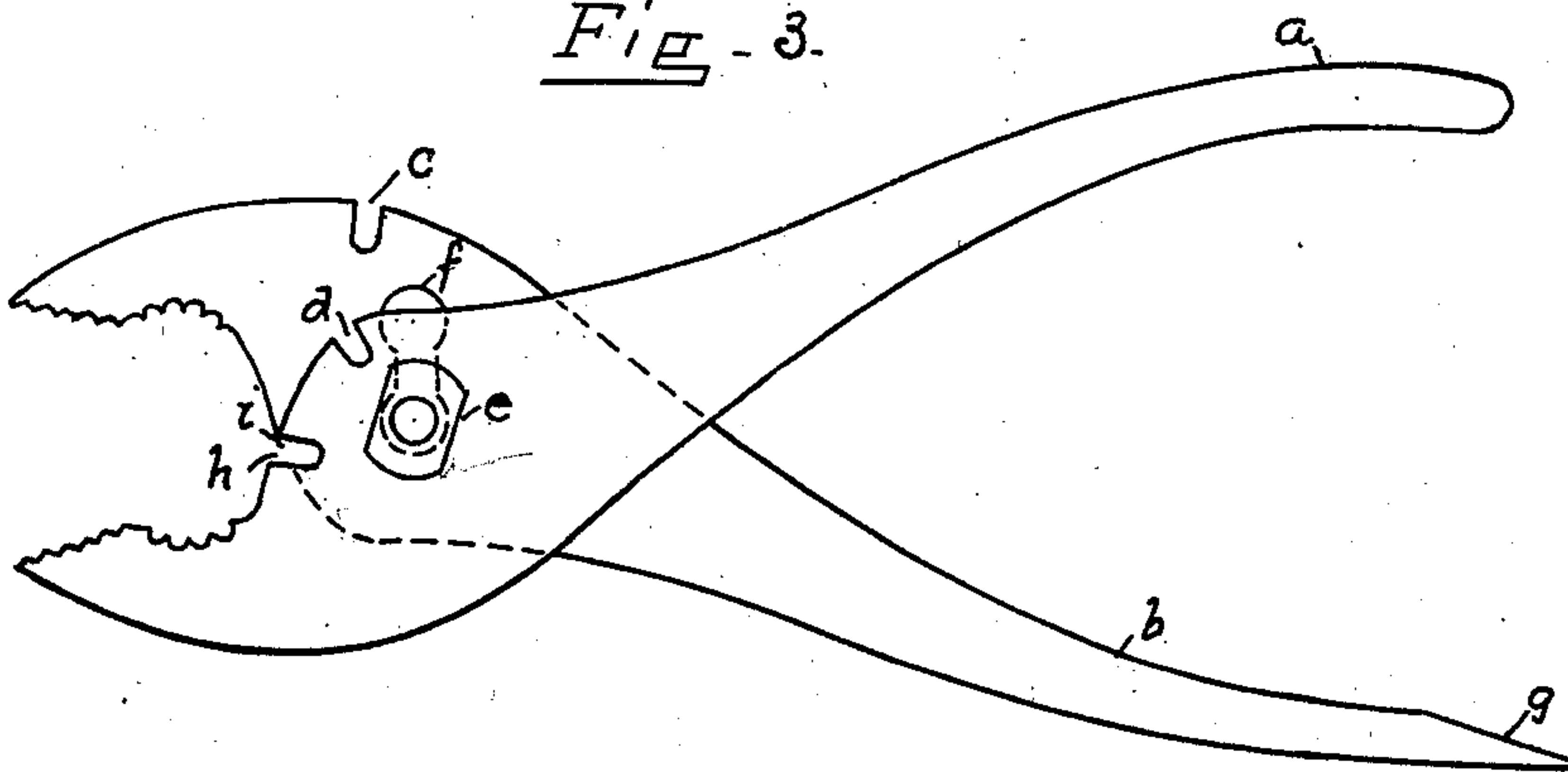


Fig - 3.



WITNESSES:

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INVENTOR

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No. 732,715.

Patented July 7, 1903.

# UNITED STATES PATENT OFFICE.

HOWARD C. CONDIT, OF MADISON, NEW JERSEY.

## PLIERS.

SPECIFICATION forming part of Letters Patent No. 732,715, dated July 7, 1903.

Application filed May 12, 1903. Serial No. 156,730. (No model.)

*To all whom it may concern:*

Be it known that I, HOWARD C. CONDIT, of the borough of Madison, county of Morris, State of New Jersey, have invented certain  
5 new and useful Improvements in Pliers, of which the following is a specification.

My invention relates to that well-known class of combination-tools in which a slip-joint comprising a pivot fixed in one mem-  
10 ber and adapted to be moved in a slot in the other member is utilized to vary the capacity of the tool; and it consists in so forming the said members as to permit the providing of wire-cutting notches peripherally around said  
15 pivot and of the same being arranged to alternately register as the capacity of the jaws is changed.

Figure 1 is a longitudinal view of pliers closed. Fig. 2 is a plan view. Fig. 3 is a  
20 longitudinal view of pliers opened, showing slip-joint at its enlarged point.

Referring to the accompanying drawings, which form part of this specification, in which similar letters refer to similar parts through-  
25 out the several views, in Fig. 1 the member *a* has a hole for its fulcrum-pivot below the nut *e*, and nipper-teeth and pipe-teeth are shown upon its jaws. In this view, *d* and *c*  
30 and *h* and *i* designate transverse diagonal slots, of which, in the position shown, *d* and *c*

serve as wire-cutters. The member *b* has a screw-driver *g* on the end of handle. The slip-joint opening in member *b* for changing the capacity of the tool is outlined in dotted lines at *f*. The slots for cutting wire appear  
35 in full lines at *d* and *i* and in dotted lines at *c* and *h*.

Fig. 3 shows the position of pivot in which the wire-cutter *d* and *c* is not operative, but in which slots *h* and *i* register, forming an op-  
40 erative wire-cutter. The enlarged capacity of the gripping parts is also shown.

Having described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—  
45

In a tool of the class described; the combination of a slip-joint, comprising a pivot fixed in one member, and adapted to be moved in a slot in the other member, to vary the ca-  
50 pacity of the tool; with wire-cutting slots in each member, arranged peripherally around said slip-joint, so as to alternately register when the capacity of the tool is changed.

In testimony whereof I have signed my name, in the presence of two subscribing wit-  
55 nesses, this 11th day of May, 1903.

HOWARD C. CONDIT.

Witnesses:

FRED D. HYER,

HOWARD H. ECKERT.