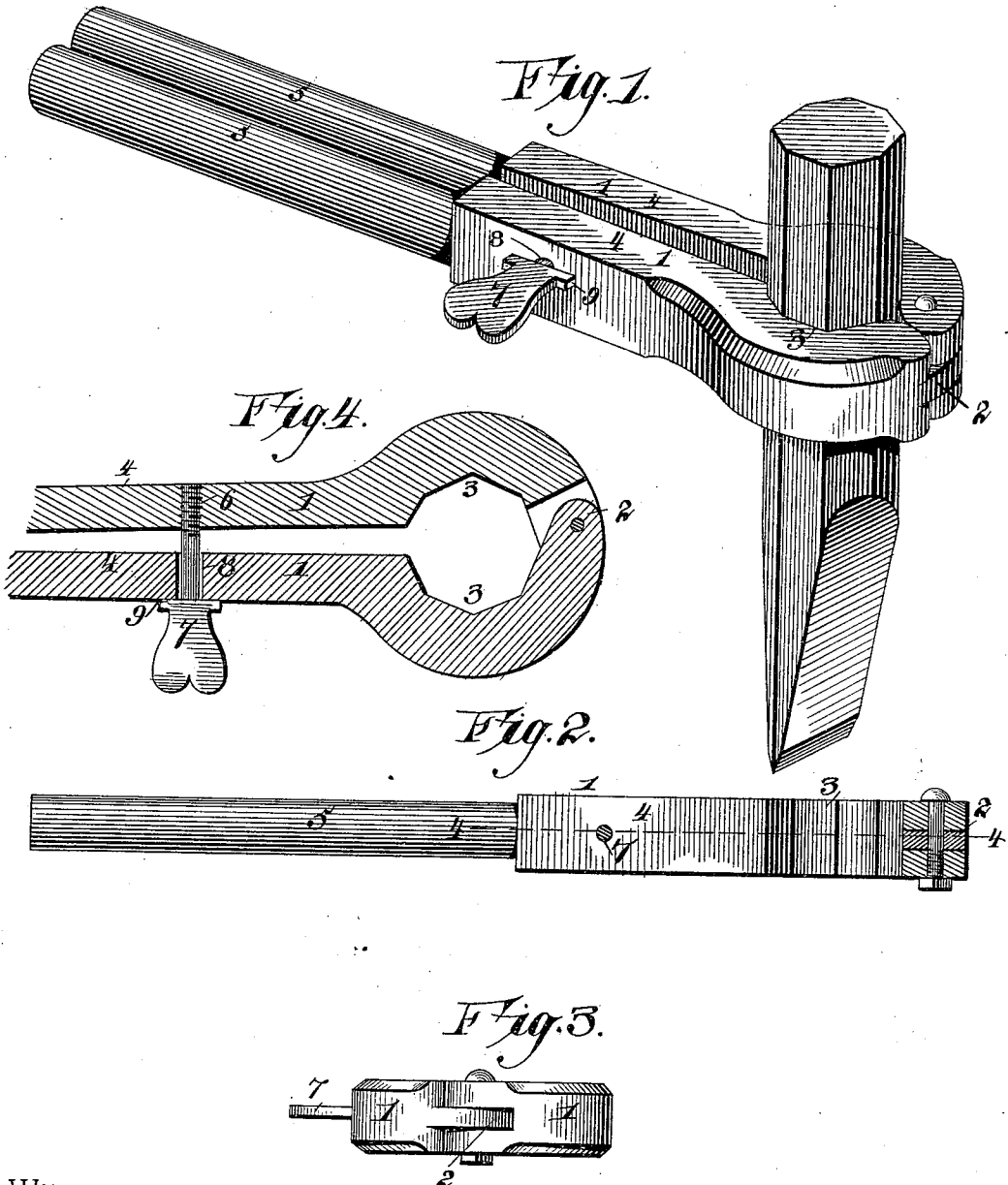


(No Model.)

J. A. ISLIN.  
CLAMP FOR HOLDING CHISELS.

No. 447,776.

Patented Mar. 10, 1891.



Witnesses  
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# UNITED STATES PATENT OFFICE.

JOHN ALEXANDER ISLIN, OF NEWPORT NEWS, VIRGINIA.

## CLAMP FOR HOLDING CHISELS.

SPECIFICATION forming part of Letters Patent No. 447,776, dated March 10, 1891.

Application filed October 29, 1890. Serial No. 369,707. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN ALEXANDER ISLIN, a citizen of the United States, residing at Newport News, in the county of Warwick and State of Virginia, have invented a new and useful  
5 Clamp for Holding Chisels and other Tools, of which the following is a specification.

This invention relates to clamps or devices for holding chisels and similar tools; and it  
10 has for its object to provide a device of this class which shall be simple, inexpensive, and durable, and which shall admit of the chisel or other tool being very easily and quickly removed or exchanged when desired.

15 With these ends in view the invention consists in the improved construction of the said clamp or tool-holder, which will be hereinafter fully described, and particularly pointed out in the claim.

20 In the drawings hereto annexed, Figure 1 is a perspective view of a clamp constructed in accordance with my invention and showing a chisel in position for operation. Fig. 2  
25 is a longitudinal sectional view of the said clamp. Fig. 3 is an end view. Fig. 4 is a sectional view taken on the line 4 4 in Fig. 2.

Like numerals of reference indicate like parts in all the figures.

30 My improved clamp or tool-holder is composed of two jaws 1 1, which are connected by means of a hinge-joint 2, and which are provided in their meeting faces with semi-octagonal recesses 3 3. The jaws 1 1 are provided  
35 with outwardly-extending arms 4 4, which terminate in the handles 5. One of the arms 4 is provided with a screw-threaded perforation 6 to receive the set-screw 7, which passes through a perforation 8 in the adjacent arm  
40 4, and is provided with an annular collar 9, bearing against the outer side of the latter arm. It will be seen that by tightening the set-screw 7 the arms 4 4 may be forced together, so as to cause the jaws 1 1 to clamp and  
45 securely hold a chisel or similar tool which has been previously inserted between their meeting faces.

My improved tool-holder is especially intended for the use of boiler-makers and other workmen who in the exercise of their trade

50 have to do heavy riveting work. When very large rivets are used, it is necessary to cut off the projecting ends of such rivets before up-  
55 setting them or finishing, and the workman who holds the chisel is obliged to have a suitable holder for the tool.

60 Holders heretofore employed have been defective and imperfect. By my invention a holder is provided which is simple and convenient and which admits of the chisel being  
65 very easily and quickly exchanged for any one or for any other tool, such as a gouge. This class of tools are usually made of octagonal bars, and the recesses in the meeting  
70 faces of the jaws are consequently preferably made of semi-octagonal shape, as described. They may, however, be made of any other  
75 suitable or convenient shape that is adapted to fit the bar operated upon.

The operation and advantages of this invention will be readily understood. The  
80 recesses in the meeting faces of the jaws are to be made slightly smaller than the shank of the tool that is to be held, so that when the handles 5 5 are brought together the said tool  
85 shall be clamped and held by simply compressing the handles. The set-screw may then be tightened, so as to hold the handles together, thus clamping and retaining the two, which  
90 when thus held may be conveniently handled.

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

The herein-described rod-holder, consisting of two levers pivoted together at their outer  
85 ends and terminating at their inner ends in handles, and between their ends upon their inner faces provided with polygonal plain-  
90 faced recesses or half-bearings adapted to conform to and snugly fit a rod of the class described for the purpose specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

JOHN ALEXANDER ISLIN.

Witnesses:

NORRIS J. KRONE,  
JAMES HULBERT.