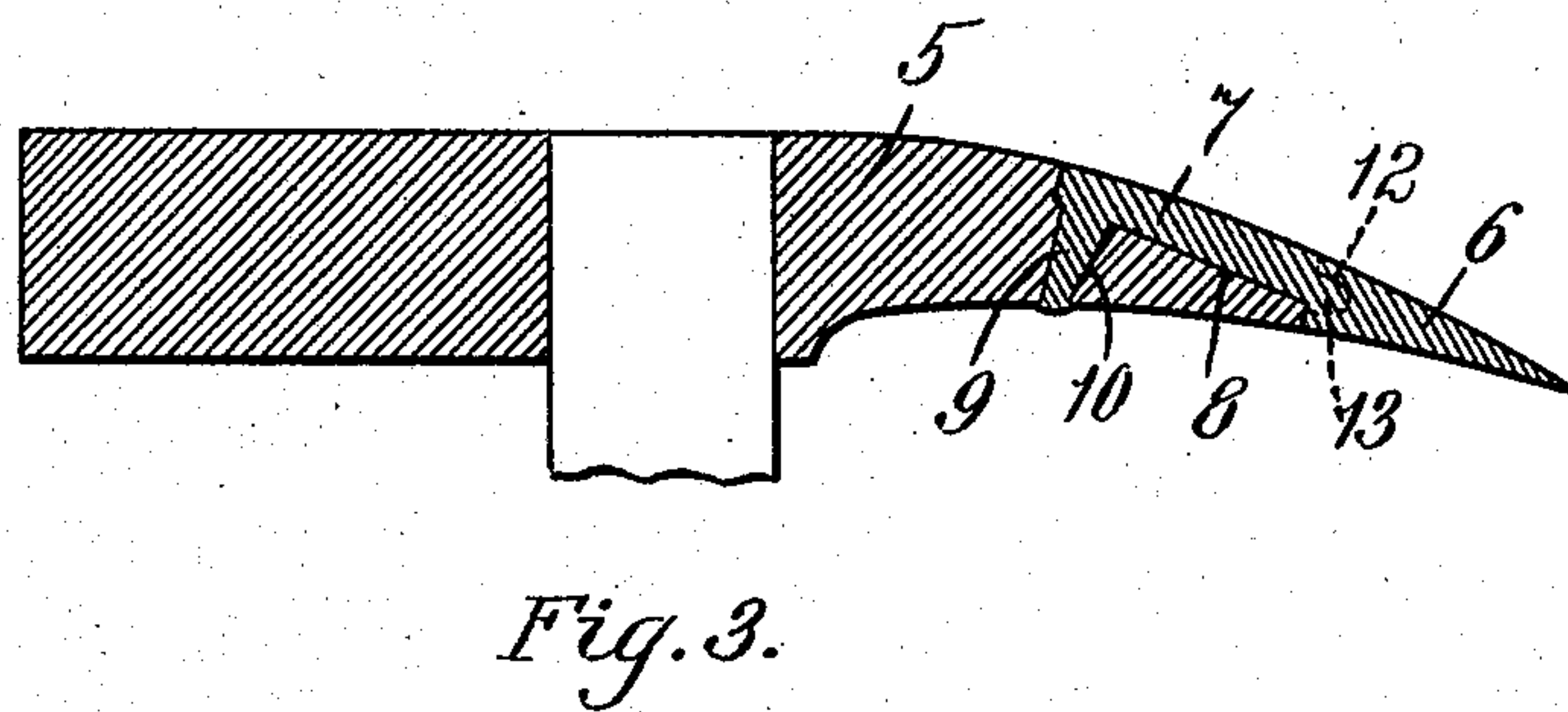
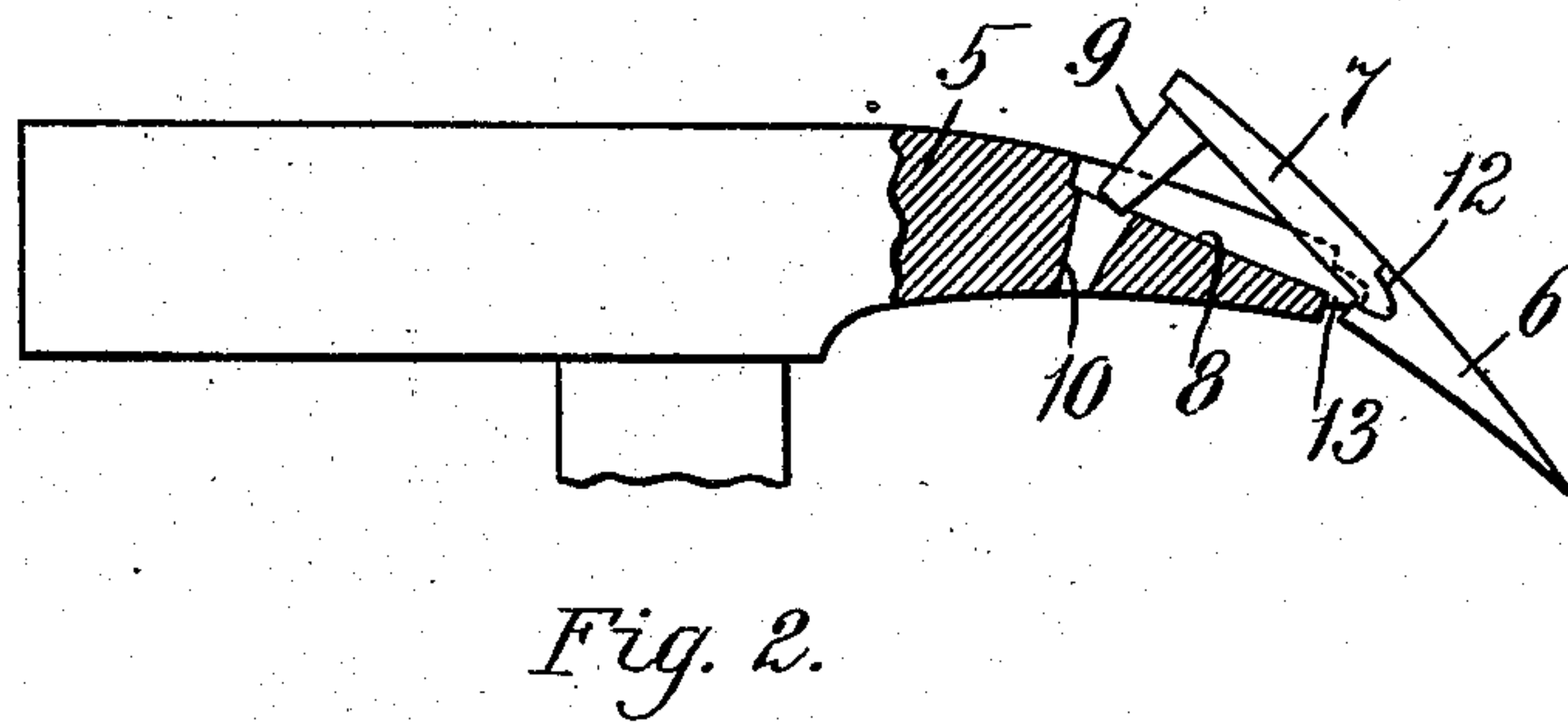
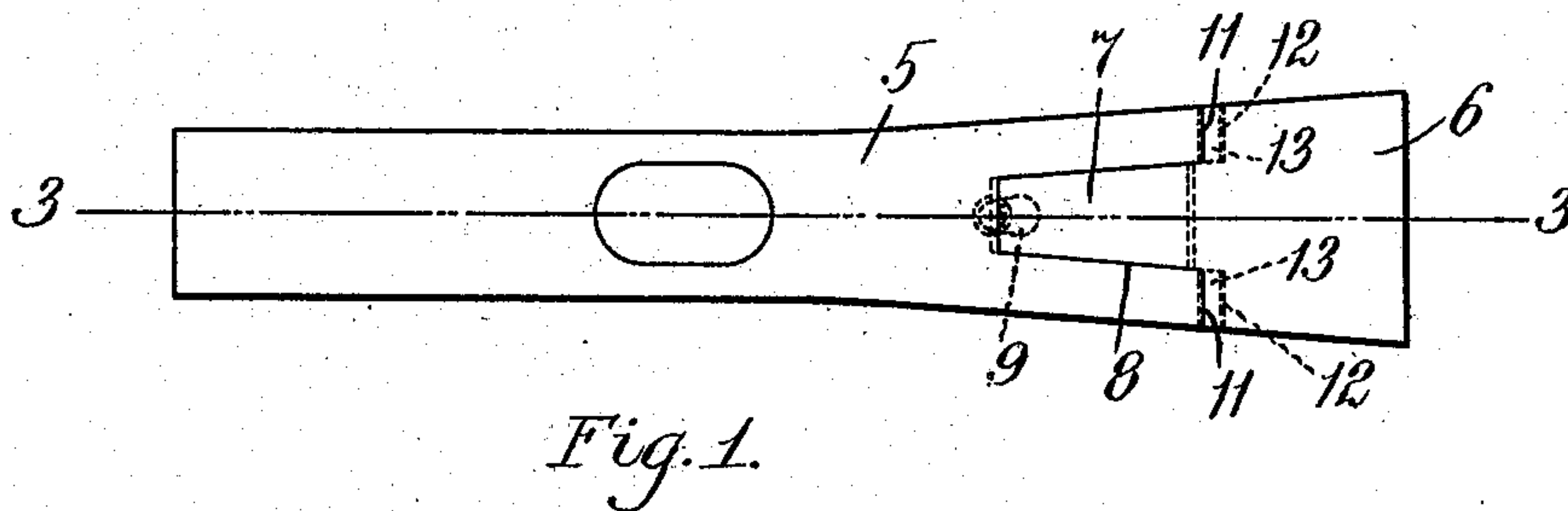


A. G. LUNDIN.
HAMMER OR THE LIKE.
APPLICATION FILED JUNE 3, 1908.

905,198.

Patented Dec. 1, 1908.



Witnesses.

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UNITED STATES PATENT OFFICE.

ANDRES G. LUNDIN, OF NEPONSET, MASSACHUSETTS.

HAMMER OR THE LIKE.

No. 905,198.

Specification of Letters Patent.

Patented Dec. 1, 1908.

Application filed June 3, 1908. Serial No. 436,414.

To all whom it may concern:

Be it known that I, ANDRES G. LUNDIN, a citizen of the United States, residing at Neponset, in the county of Suffolk and State of Massachusetts, have invented new and useful Improvements in Hammers or the Like, of which the following is a specification.

This invention relates to improvements in tools and while the particular embodiment herein shown is a bricklayer's hammer my invention is capable of being embodied in other tools such as chisels or the like.

The object of my invention is to provide a tool comprising two parts, one of which receives the greater part of the wear when in use, said parts being so constructed and arranged that they may be easily and quickly assembled and when one part is worn out the same may be easily and quickly separated from the other and replaced by a new part.

The object of the invention is further to provide a tool of the character described, which shall be capable of being manufactured on a practical commercial basis and at a low cost.

The invention consists in the combination and arrangement of parts set forth in the following specification and particularly pointed out in the appended claims.

Referring to the drawings: Figure 1 is a plan of a hammer embodying my invention. Fig. 2 is an elevation of the same, partly in section, showing the parts in the proper position preparatory to being assembled. Fig. 3 is a sectional elevation taken on line 3—3 of Fig. 1, showing the parts completely assembled.

Like numerals refer to like parts throughout the several views of the drawings.

In the drawing, the tool embodying my invention comprises two parts 5 and 6, the part 5 in this instance being the body portion of a hammer and the part 6 being the peen of the hammer. The part 6 is provided with a tongue 7, while the part 5 is provided with a recess 8 which is adapted to receive the tongue 7, said tongue having thereon a projection 9 which is adapted to enter a hole 10 extending from the recess 8 to the opposite side of the part 5. The part 6 is provided on opposite sides of the tongue 7 with two shoulders 11, 11 in which are formed recesses or depressions 12, 12, respectively, said depressions being adapted to receive corre-

sponding projections 13, 13 formed on the part 5.

The two parts are assembled by first placing them in the position shown in Fig. 2, the projections 13, 13 constituting a pivot about which the part 6 is adapted to be rocked from the position shown in Fig. 2 into the position shown in Fig. 3. It will be noted that the projection 9 is inclined in such a direction to the tongue 7 that when swung into the position shown in Fig. 3 the same is adapted to draw the two parts together so that the projections 13 snugly fit the depressions 12. When the parts are thus assembled, the end of the projection 9 which extends through the hole 10 below the lower face of the part 5 is riveted, as shown, thus firmly uniting the two parts, the hammer as a whole having the same contour as an ordinary hammer formed in a single piece.

The part 6 as it wears out may be ground on its edge and when worn out to such an extent that it can no longer be used the riveted portion of the projection 9 may be chipped off and the part 6 separated from the remainder of the tool and thrown away and replaced by another.

One of the advantages of the tool as thus constructed is that the part 6 may be made of a high carbon steel suitable for the purpose and which will wear a great length of time, while the remainder of the tool may be made of an inexpensive low carbon steel.

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

1. A tool comprising two parts, one of which is provided with a recess in one side thereof and provided with a hole leading from said recess toward the opposite side thereof, the other of said parts being provided with a tongue located in said recess, and a member secured in said hole and connected to said tongue, one of said parts being provided with two projections located on opposite sides, respectively, of said tongue, the other of said parts being provided with two recesses in which said projections are located, respectively.

2. A tool comprising two parts, one of which is provided with a recess in one side thereof and provided with a hole leading from said recess to the opposite side thereof, the other of said parts being provided with a tongue located in said recess, and a

projection on said tongue extending into said hole and riveted to secure the same therein, one of said parts being provided with two projections located on opposite
5 sides, respectively, of said tongue, the other of said parts being provided with two recesses adapted to receive said two projections, respectively.

3. A tool comprising two parts, one of
10 which is provided with a recess in one side thereof and provided with a hole leading from said recess to the opposite side thereof, the other of said parts being provided with a tongue and a projection extending
15 from said tongue, one of said parts being provided with two projections located on opposite sides, respectively, of said tongue, the other of said parts being provided with two recesses adapted to receive said two
20 projections, respectively, said parts being adapted to be rocked on said two projections as a pivot, whereby said tongue may be moved into said first-named recess and said

first-named projection may be moved into said hole and secured therein. 25

4. A tool comprising two parts, one of which is provided with a tongue and one of said parts being provided with two recesses located on opposite sides, respectively, of said tongue, while the other of said parts
30 is provided with two depressions adapted to receive said projections, respectively, said parts being adapted to be rocked on said projections as a pivot, whereby said tongue of one of said parts may be moved into con- 35 tact with the other of said parts, and means to secure said tongue to said last-named part.

In testimony whereof I have hereunto set my hand in presence of two subscribing wit- 40 nesses.

ANDRES G. LUNDIN.

Witnesses:

LOUIS A. JONES,
SADIE V. MCCARTHY.