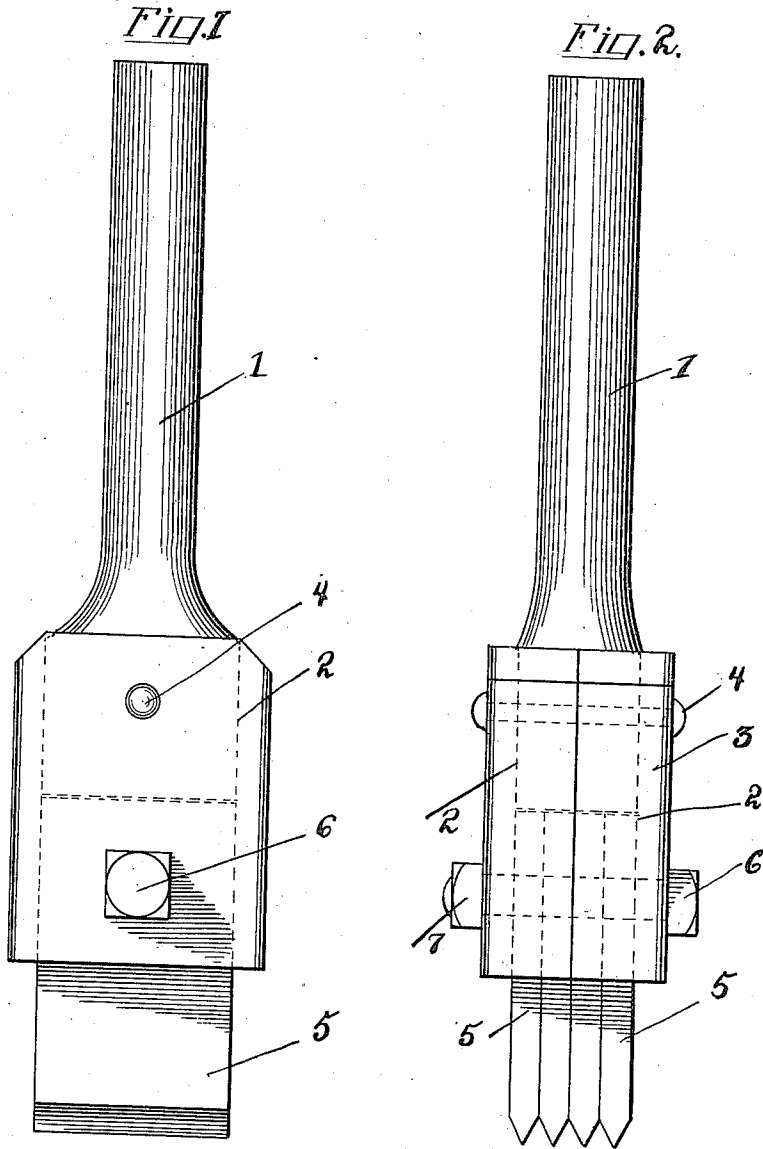


T. O. SNYDER,
GRANITE SURFACING HAMMER.
APPLICATION FILED JUNE 23, 1909.

987,502.

Patented Mar. 21, 1911.



Witnesses
Wm Smith
E. R. Bump

Inventor
Thomas O. Snyder
By Victor J. Evans
Attorney

UNITED STATES PATENT OFFICE.

THOMAS O. SNYDER, OF BALTIMORE, MARYLAND.

GRANITE-SURFACING HAMMER.

987,502.

Specification of Letters Patent. Patented Mar. 21, 1911.

Application filed June 23, 1909. Serial No. 503,916.

To all whom it may concern:

Be it known that I, THOMAS O. SNYDER, a citizen of the United States of America, residing at Baltimore city, State of Maryland, have invented new and useful Improvements in Granite-Surfacing Hammers, of which the following is a specification.

This invention relates to granite surfacing hammers, and one of the principal objects of the same is to improve the general structure of tools of this character and to render them less liable to breakage.

Another object of the invention is to provide a tool of the character referred to which will dispense with the ordinary gibs which are liable to break in use and to provide a single bolt for holding the blades in place.

Still another object of the invention is to provide a surfacing hammer in which the blades will be held tightly in place and will be disposed in perfect alinement, which will not become loose and in which the blades, bolts and jaws of the tool will not be liable to be injured or broken.

These and other objects may be attained by means of the construction illustrated in the accompanying drawing, in which,—

Figure 1 is a side elevation of a granite surfacing hammer made in accordance with my invention. Fig. 2 is an edge view of the same.

Referring to the drawing, the numeral 1 designates the handle of the tool which is preferably round and at its lower end a rectangular head 2 is formed thereon, as shown in dotted lines in Fig. 2. The blade holder 3 has a rectangular opening through the same, said holder being secured to the head 2 by means of a rivet 4. The lower end of the head 2 is plain and square to form an abutment for the upper ends of the blades 5. As shown in the drawing, four blades are used, and it will be understood that any suitable number may be used provided the handle and blade holder are of a proper size to accommodate a greater or lesser number. The blades 5 fit within the holder 3 and occupy the entire space within the holder, said blades conforming in area at their upper ends to the area of the smooth rectangular surface at the bottom of the head 2. The blades 5 are held in

place by means of a single bolt 6, said bolt extending through the blade holder 3 and through all the blades at a point central to the transverse width of the blades and holder and at a point about midway of the smooth upper ends of the blades and the lower edge of the blade holder 3. Fitted to the end of the bolt 6 is a nut 7 which may be removed from the bolt when it is desired to withdraw the blades 5 from the handle.

From the foregoing it will be obvious that a surfacing hammer made in accordance with my invention is particularly strong, durable and efficient, owing to the fact that the blades fit snugly within the holder 3 having the upper ends smooth and abutting against the lower end of the shank or handle 2. Moreover, the bolt 6 holds the blades firmly in position, will not break like the ordinary gibs and can be readily removed and replaced. Another feature of merit in the hammer is owing to the fact that the blades are protected by the holder 3 for a greater part of their length, said blades fitting snugly within the holder.

I claim:—

A granite surfacing hammer comprising a holder formed of similar members each having a longitudinal recess in its inner side whereby an opening of uniform size is formed throughout the length of the holder when the members are placed together and each of the members having a transverse opening near each end formed on a medial line, a handle having one end inserted within an end portion of the opening formed in the holder, a fastening passed through the handle and members of the holder to secure the parts together, a series of blades having end portions inserted in the opposite end portion of the opening of the holder and filling the same, and a second fastening passed through the members of the holder and the ends of the blades inserted therein for securing all together, the inner ends of the blades abutting squarely against the inner end of the handle.

In testimony whereof I affix my signature in presence of two witnesses.

THOMAS O. SNYDER.

Witnesses:

GEORGE E. ALLISON,
GEORGE R. HUBBARD.