

(No Model.)

R. S. PEABODY.
RIVETING HAMMER.

No. 528,558.

Patented Nov. 6, 1894.

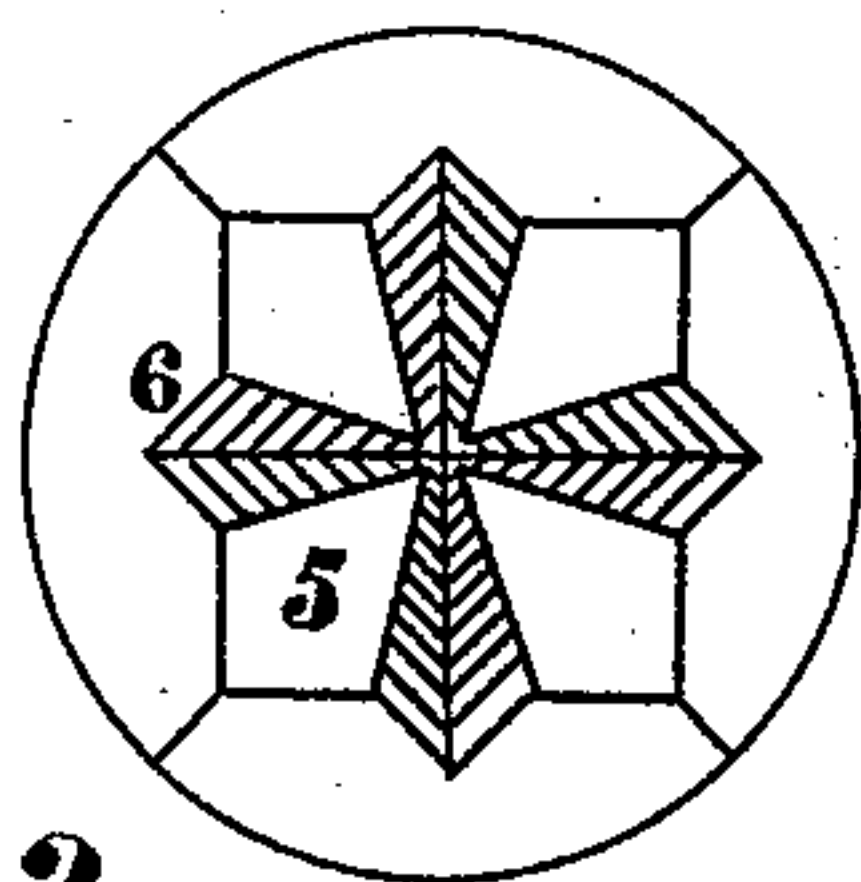


Fig. 2

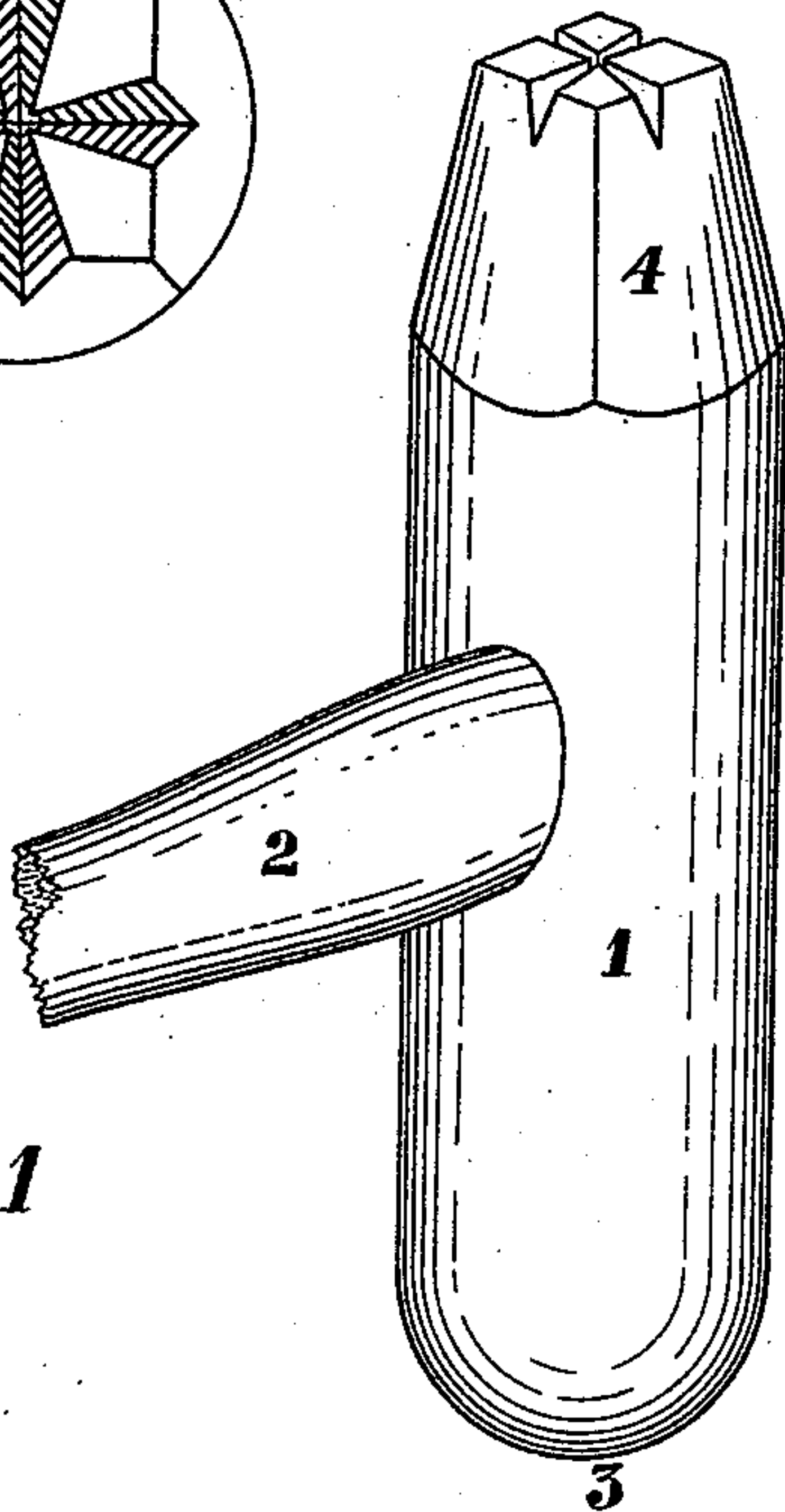


Fig. 1

WITNESSES :

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ROBERT SINGLETON PEABODY, OF PHILADELPHIA, PENNSYLVANIA.

RIVETING-HAMMER.

SPECIFICATION forming part of Letters Patent No. 528,558, dated November 6, 1894.

Application filed May 12, 1894. Serial No. 511,015. (No model.)

To all whom it may concern:

Be it known that I, ROBERT SINGLETON PEABODY, a citizen of the United States, residing at the city of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Riveting-Hammers, of which the following is a specification.

My present invention relates to riveting hammers and more particularly to the form of the working parts thereof whereby the mode of operation, uses and capabilities of the hammer are materially improved.

In the drawings, Figure 1, is a perspective view of my improved hammer showing the depth of the V-shaped grooves exaggerated in order to more clearly illustrate features of my invention, and Fig. 2, is a top or plan view drawn to an enlarged scale of the generally rectangular end of the hammer head shown in Fig. 1.

In the drawings, 1, is the head of the hammer which is illustrated as being of circular cross-section, and as having an aperture or opening cut or otherwise formed in its intermediate portion for the reception of a suitable handle 2. One end of this hammer head is of hemispherical form, as illustrated at 3, and the other end is forged or otherwise drawn down as at 4, into generally rectangular form. The face of this rectangular portion, Fig. 2, is provided at its respective corners with lozenge-shaped or rhomboidal high parts 5, converging toward the center of the rectangular face, or in other words, these lozenge-shaped or rhomboidal high parts 5, are disposed along the longest diagonals of the rectangular face.

6, are wedge shaped grooves radiating from the center of the rectangular face toward the intermediate portions of the respective edges thereof, and these grooves 6, are of V-shaped cross section and gradually increase in depth from the center of the face toward the edges thereof. In other words, the grooves

6, are disposed along the shortest diagonals of the face and merge with the high parts 5.

The hereinabove described hammer is designed for light work and among the many advantages incident to its peculiar form, the following may be mentioned.

When the projecting end of a rivet is struck with the end or face of the hammer head illustrated in Fig. 2, a comparatively small amount of metal (namely, that located at the intersection or apexes of the high parts 5, and of the grooves 6) strikes or impinges upon the center portion of the rivet, whereas the comparatively wide bases of these high parts 5, strike the edge or peripheral portions of the rivet. Moreover the widest and deepest portions of the grooves 6, are also at the edge or peripheral portions of the rivet, so that the end of the rivet is expanded without splitting or other injury by repeated blows of the hammer. After the rivet has been thus expanded, it may be finished so as to make it round and smooth by means of the hemispherical portion 3, of the hammer head.

Having thus described the nature and objects of my invention, what I claim as new, and desire to secure by Letters Patent, is—

The herein described improved riveting hammer head having a generally rectangular face provided at its respective corners with lozenge-shaped or rhomboidal high parts converging toward the center of the face, and having wedge-shaped grooves radiating from the center of the face toward the intermediate portions of the respective edges thereof, and said grooves being of V-shaped cross-section and increasing in depth from the center of the face toward the edges thereof, substantially as and for the purposes set forth.

In testimony whereof I have hereunto signed my name.

ROBERT SINGLETON PEABODY.

In presence of—

ANDREW B. CAMPBELL,
A. B. STOUGHTON.