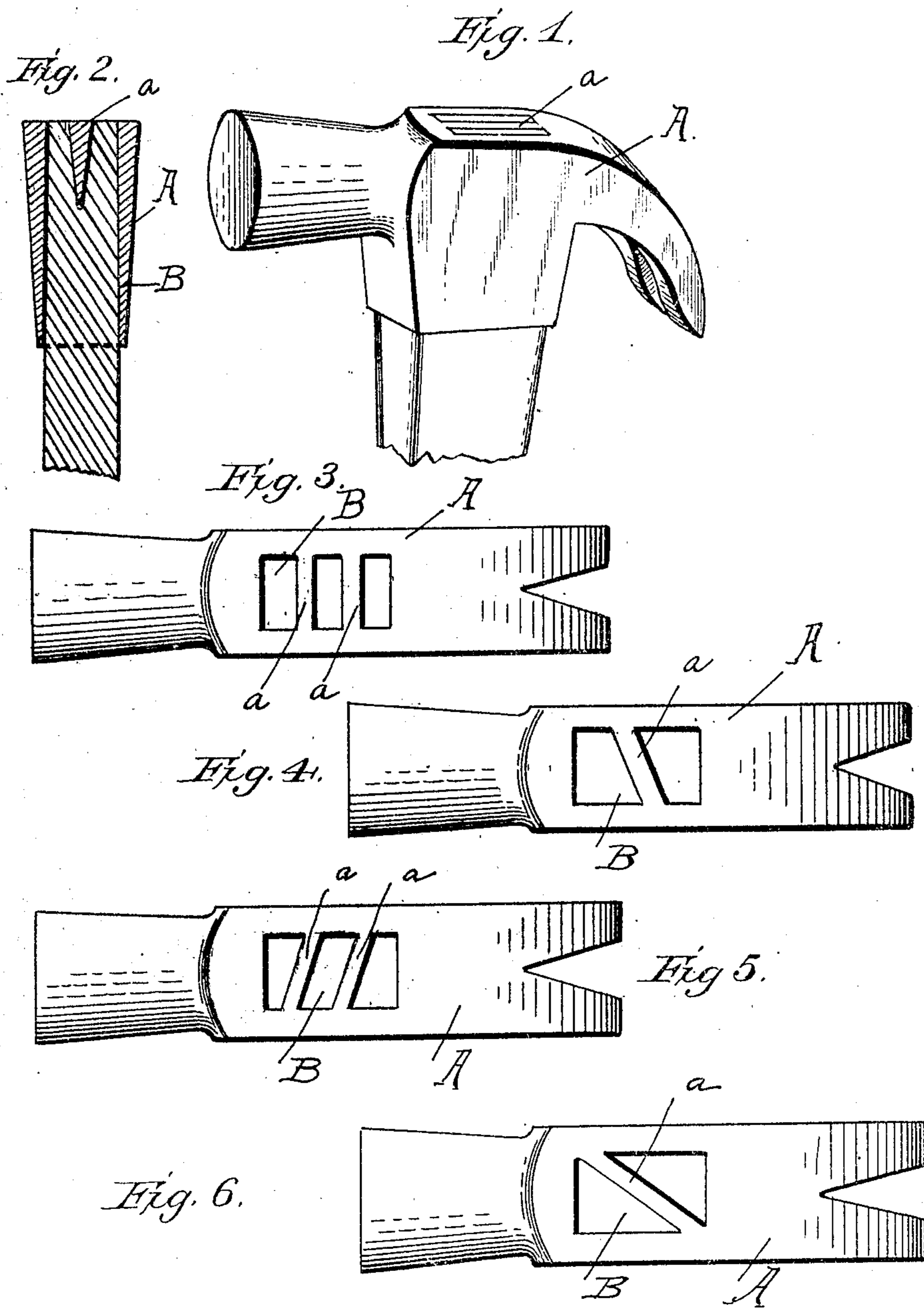


No. 885,286.

PATENTED APR. 21, 1908.

A. E. PHILLIS.
HANDLE FASTENING.
APPLICATION FILED MAY 21, 1907.



Inventor

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UNITED STATES PATENT OFFICE.

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HARDWARE COMPANY, OF WRIGHTSVILLE, PENNSYLVANIA, A CORPORATION OF PENN-
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HANDLE-FASTENING.

No. 885,286.

Specification of Letters Patent.

Patented April 21, 1908.

Application filed May 21, 1907. Serial No. 374,897.

To all whom it may concern:

Be it known that I, AVERY E. PHILLIS, a
citizen of the United States, residing at
Wrightsville, in the county of York, State of
5 Pennsylvania, have invented certain new
and useful Improvements in Handle-Fasten-
ings, of which the following is a description,
reference being had to the accompanying
drawing and to the letters and figures of ref-
10 erence marked thereon.

My invention relates to an improved
means for attaching handles to hammers,
axes, and the like, and consists in the mat-
ters hereinafter described and referred to in
15 the appended claims.

The invention is illustrated in the accom-
panying drawings, in which,

Figure 1 is a perspective view of a hammer
head, constructed in accordance with my in-
20 vention; Fig. 2 is a cross section of the same;
and Figs. 3, 4, 5 and 6 are respectively plan
views, showing different forms of carrying
out my invention.

In these drawings, A represents a hammer
25 head having the usual eye B in which the end
of the handle is inserted. The eye of the
hammer is divided at its upper end by a
wedge-shaped piece *a*, formed integral with
the hammer head, and lengthwise thereof.
30 The end of the handle is driven onto said
wedge-shaped piece, which thus spreads the
upper end of the handle wedging it into the
eye, thus dispensing with the usual inde-
pendent means for holding the handle in the
35 hammer head.

In Fig. 3, two cross wise wedge-shaped
pieces *a* are shown; in Fig. 4 one, which is set
at an inclination; in Fig. 5 two set at an in-

clination; and in Fig. 6, one, set at a very de-
cided inclination.

While I have shown and described a ham-
mer head, it will be understood that the in-
vention is applicable to hatchets, axes, and
other tools.

It will be noted that the wedge shaped 45
piece *a* is formed integral with the hammer
head and the outer face of said piece is sub-
stantially flush with the outer surface of the
hammer head. By this feature of construc-
tion, the outer face of the wedge may be pol- 50
ished simultaneously with the polishing of the
outer surface of the hammer head. It will also
be noted that by my construction, wherein
the hammer head is provided with an eye
extending entirely therethrough, the hammer 55
handle may be driven in until firmly fixed in
the hammer head and the portions of the
handle, if any extending beyond the outer
surface of the hammer head, may be cut off,
thus making a very neat and attractive ham- 60
mer.

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

A hammer head or the like, having an eye 65
extending entirely therethrough, a wedge
located in said eye and formed integral with
said head, said wedge having its outer end
flush with the outer surface of the hammer
head, substantially as described. 70

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

AVERY ELMORE PHILLIS.

Witnesses:

H. W. HUNTZBERGER,
W. JNO. WAILS.