(No Model.)

# W. B. ALDEN.

## NAIL.

No. 382,676. Patented May 15, 1888.

Fig. 1

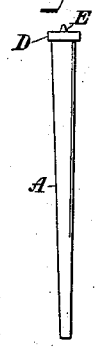



Fig. 2.




Fig. 3.

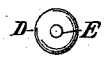



Fig. 4.

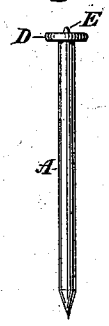
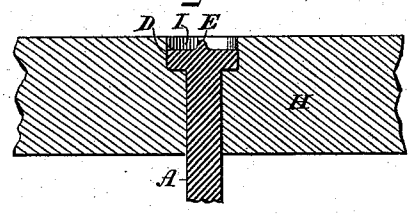



Fig. 5.




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# UNITED STATES PATENT OFFICE.

WILLIAM B. ALDEN, OF BROOKLYN, NEW YORK.

## NAIL.

SPECIFICATION forming part of Letters Patent No. 382,676, dated May 15, 1888.

Application filed February 28, 1888. Serial No. 265,641. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM B. ALDEN, a citizen of the United States, residing at the city of Brooklyn, county of Kings, and State of New York, have invented certain new and useful Improvements in Nails, of which the following is a specification, which, with reference to the accompanying drawings, forming a part of the same, will enable others skilled in the art to which my invention appertains to make and use the same.

The invention relates to nails, spikes, brads, and similar devices; and it consists in the novel construction of the head or driving end of the nail or spike, as will be hereinafter more fully described.

In the accompanying drawings, Figure 1 is a representation of a flat nail embodying this invention. Fig. 2 is another view of the same. Fig. 3 is a plan view, and Fig. 4 is an elevation, of a round nail, showing this invention. Fig. 5 is an enlarged sectional view of the same, showing it as driven in wood-work.

Similar letters of reference indicate corresponding parts.

Referring to the drawings more in detail, A designates the stem or body of the nail or spike, D the head, and E a point formed on and projecting up from the head of the nail. H represents wood-work. I is a small cavity in the wood above the nail.

It is well known that in driving nails below the surface of wood-work it is customary to use a nail-set, which takes time and labor. To overcome this objection I construct the nails with a point, E, projecting up from the head. Said point is preferably circular in cross-section, and may be of any desired length. In use said point receives the blow of the hammer or the driving-instrument, so that the nail can be driven below the surface of plain wood-work without the use of a nail-set. This forms the cavity I above the nail, as shown in Fig. 5. Said cavity may then be filled in the usual way.

For use in ornamental or other wood-work, this construction of nail readily admits of a suitable nail-set being used, (as a cup-pointed,) thereby avoiding all danger of the nail set slipping and injuring said wood-work.

I have found in practice that the point on the head of the nail may be made very slender; but it must have enough stiffness and stability to receive the blow and drive home the nail upon which it is formed. The above-said point may be formed of a different shape and size than those shown in the drawings without departing from the spirit of my invention.

In the drawings I have shown two kinds of nails; but this invention may be applied to nails of any desired pattern.

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

1. A nail or brad having the point E formed upon its head, substantially as and for the purpose specified.

2. A nail or brad provided with a point upon its head or driving end, said point being substantially of the form as shown and described, and for the purpose specified.

WILLIAM B. ALDEN.

Witnesses:
J. P. SLOANE,
J. S. STETSON.