

(No Model.)

C. C. HOLT.
SCREW.

No. 468,543.

Patented Feb. 9, 1892.

FIG. 1.

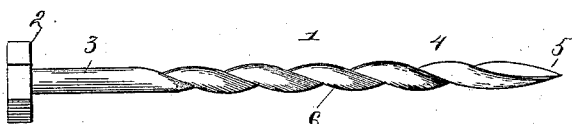


FIG. 2.

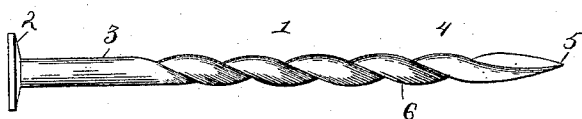


FIG. 3.

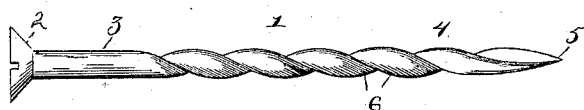


FIG. 4.

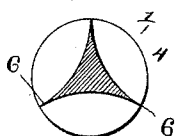


FIG. 5.

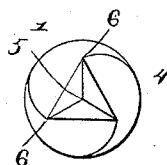
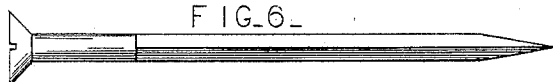


FIG. 6.



Witnesses

Geo. C. French.
H. J. Riley

Charles C. Holt ^{Inventor}

By *his* Attorneys,

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UNITED STATES PATENT OFFICE.

CHARLES C. HOLT, OF LAWRENCE, MASSACHUSETTS, ASSIGNOR OF ONE-HALF
TO THOMAS HALL, OF SAME PLACE.

SCREW.

SPECIFICATION forming part of Letters Patent No. 468,543, dated February 9, 1892.

Application filed March 14, 1891. Serial No. 385,098. (No model.)

To all whom it may concern:

Be it known that I, CHARLES C. HOLT, a citizen of the United States, residing at Lawrence, in the county of Essex and State of Massachusetts, have invented a new and useful Screw, of which the following is a specification.

The invention relates to improvements in nails and screws.

The object of the present invention is to provide a simple and inexpensive wood-screw and nail adapted to be readily driven by a hammer, wrench, or screw-driver.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claim hereto appended.

In the drawings, Figure 1 is a side elevation of a wood-screw and nail constructed in accordance with this invention. Figs. 2 and 3 are similar views showing different constructions of heads. Fig. 4 is a transverse sectional view. Fig. 5 is an end view showing the triangular point. Fig. 6 is a side view of the blank before twisting.

Referring to the accompanying drawings, 1 designates a wood-screw and nail constructed of suitable metal and provided at one end with a head 2, which may be either square or round, or have the form of the ordinary screw-head, to enable the nail and screw to be readily driven by a hammer, screw-driver, or wrench. The body of the screw and nail is provided with a round portion 3. The portion 4 is triangular or rectangular in cross-section and is provided with a tapering triangular or rectangular point 5, and is twisted

between the point 5 and the round portion 3 to form threads 6. Each angular edge of the triangular portion 4 forms a thread, and a triple-threaded screw is produced which is simple and inexpensive in construction and adapted to enable the screw and nail to readily enter a substance. The thread may be increased by making the portion 4 with slightly-concaved faces.

From the foregoing it will be readily seen that the screw or nail is simple and inexpensive in construction and adapted to be readily driven in wood or other substance by a hammer, wrench, or screw-driver.

I do not limit myself to making the portion 3 of the nail round or cylindrical, as the salient feature of this invention resides in the construction of the portion 4 by twisting an angular portion of metal, whereby either a triple or four bladed screw is provided accordingly as a triangular or rectangular blade is used.

What I claim is—

A combined screw and nail comprising the head and the body composed of the portions 3 and 4, the portion 3 being cylindrical and the portion 4 polygonal in cross-section, and the tapering point 5 of the same shape as the portion 4, the portion 4 and point 5 being provided with one continuous twist, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

CHARLES C. HOLT.

Witnesses:

CHARLES U. BELL,
JAMES MURPHY.