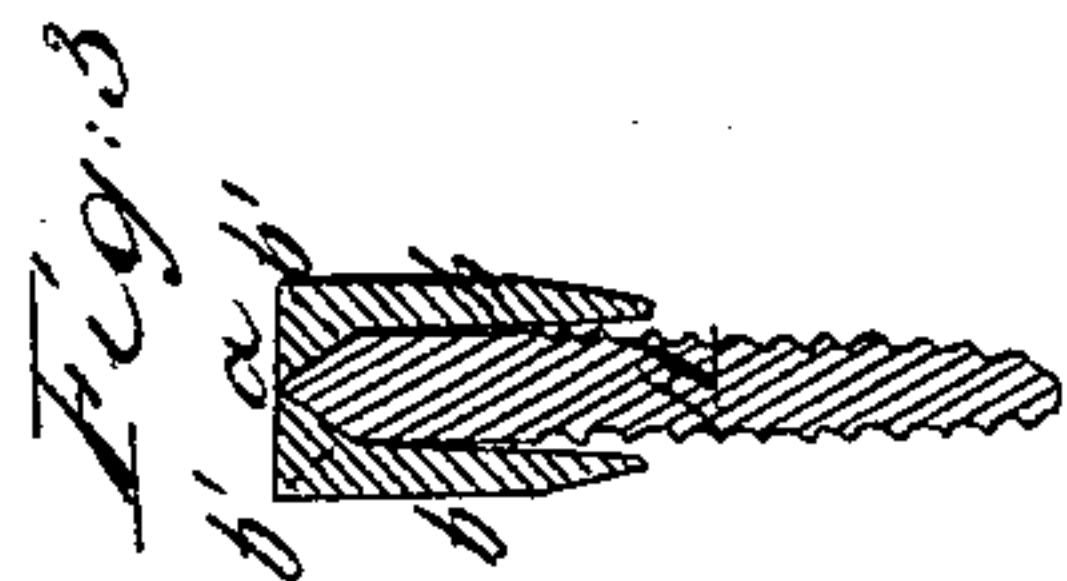
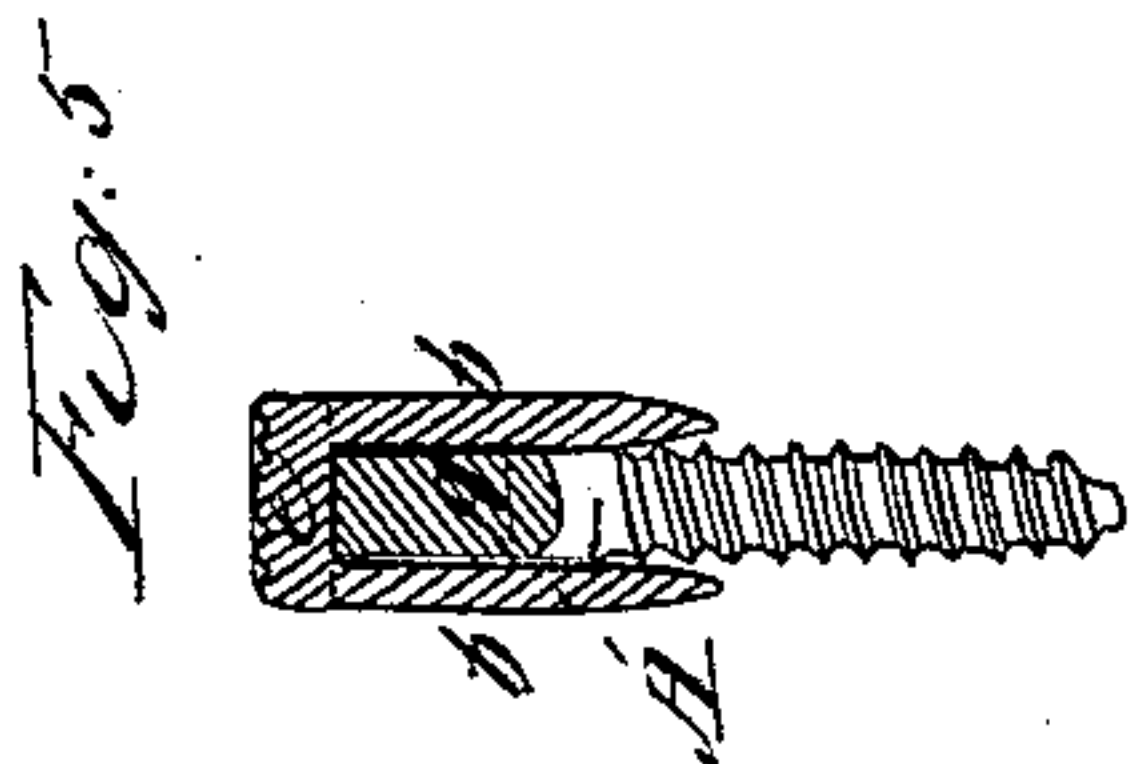
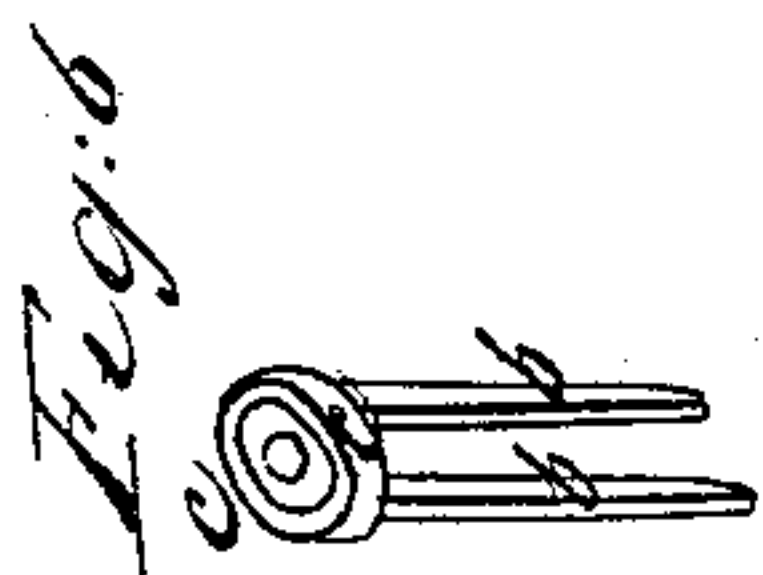


R. J. Nunn,

Wood Screws,

No 68,381,

Patented Sept. 3, 1867.



Inventor.

Witnesses

J. M. Coombs
G. W. Reed

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United States Patent Office.

RICHARD J. NUNN, OF SAVANNAH, GEORGIA.

Letters Patent No. 68,381, dated September 3, 1867.

IMPROVEMENT IN WOOD-SCREWS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, RICHARD J. NUNN, of Savannah, in the county of Chatham, and State of Georgia, have invented certain new and useful Improvements in Wood-Screws; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a portion of this specification, in which—

Figures 1 and 2 are plan views, showing modified forms of one feature of my invention.

Figure 3 is a longitudinal section showing a modification of another feature.

Figure 4 is a detached view of a portion of the same.

Figure 5 is a partial longitudinal section showing another feature of the invention.

Figure 6 is a detached view of a portion of the same.

Figures 7 and 8 are detached views of screw-drivers employed in driving or turning screws constructed according to my invention.

Similar letters of reference indicate corresponding parts in all the figures.

This invention consists in the combination of nails or locking-brads with the screw as thus constructed, whereby the displacement of the screw when in use is effectually prevented. The invention further consists in the combination of a supplemental head with the aforesaid locking-brads and screw, whereby the screws may be made to present a very ornamental and tasteful appearance.

To enable others to understand the nature and construction of my invention, I will proceed to describe it with reference to the drawings.

The body of the screw is shown at A, and *a* represents the head thereof. The said head, instead of being formed with a transverse groove in its upper side, as in the ordinary screw, is constructed with two nicks or notches, *a'*, formed opposite each other in the edges thereof, as shown more clearly in figs. 1 and 2, the said notches being formed either with sloping inner ends, as represented in fig. 1, or being of rectangular form, as indicated in fig. 2. The screw-driver employed in the former case is shown in fig. 7, and that used in the latter instance in fig. 8, and inasmuch as the downwardly projecting spurs of the said drivers are so formed as to fit snugly in the nicks or notches *a'* of the screw-heads turning the screws, it follows that the screws may be turned around with much less liability of the driver slipping therefrom, or tearing or breaking the head thereof, than has been the case with the common wood-screw. In order to prevent the screw from turning when the same has been forced into the wood a nail or brad, *b*, the upper end *b'* of which may be so formed as to correspond in shape with the nicks or notches *a'* of the screw, as shown in fig. 4, is driven downward through each of the said notches, as represented in figs. 3 and 5, and the said brads being thus forced into the wood, one upon each side of the screw, effectually lock the same from turning around and becoming displaced. Instead of being made separately or disconnected from each other, as shown in figs. 3 and 4, it is preferred in many cases that the said locking-brads should be formed upon a supplemental head, *c*, as shown in figs. 5 and 6, and which may be of any desired ornamental or other configuration, the said brads being driven through the notches *a'* of the screw-head *a*, in substantially the same manner as hereinbefore described, and serving not only to prevent the screw from turning, but also to securely attach or affix the ornamental head *c* upon or over the said screw-head, so as to give a tasteful and decorative appearance to the top of the screw when used.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The nails or locking-brads *b*, in combination with the screw having its head constructed with nicks or notches *a'*, substantially as and for the purpose herein set forth.
2. The supplemental head *c*, in combination with the locking-brads *b* and the notched head of the screw, substantially as and for the purpose herein set forth.

R. J. NUNN.

Witnesses:

W. SPAIN. VEIDERY,
WM. D. HARDEN.