Dec. 26, 1922. 1,440,072

C. T. GREENER.
MULTIPLE NAIL SET.
FILED JUNE 22, 1920.

Fig. 1.

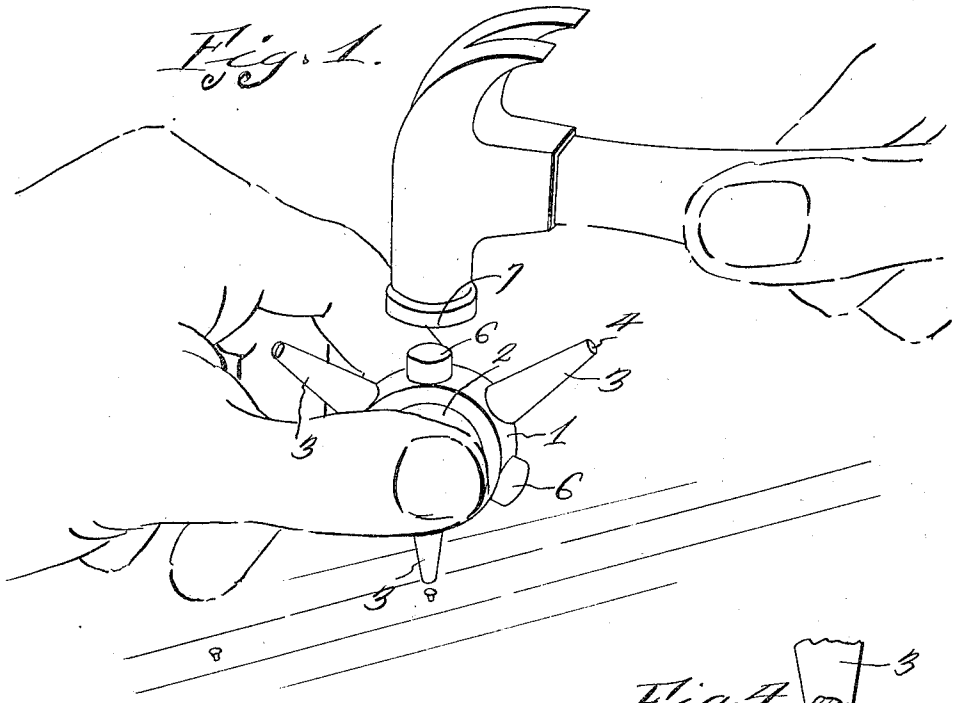
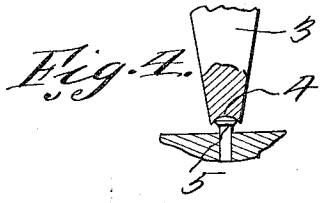


Fig. 4.



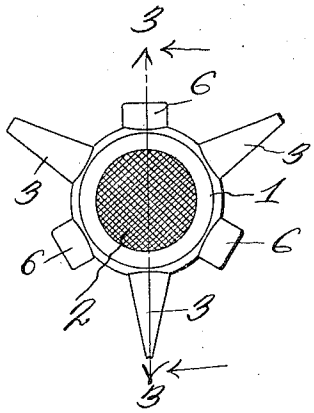


Fig. 2.

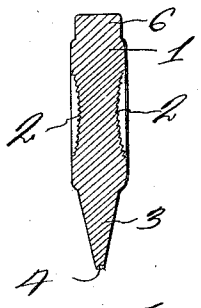


Fig. 3.

Inventor
C. T. Greener
By D. Swift
His Attorney

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UNITED STATES PATENT OFFICE.

CHARLES T. GREENER, OF FAULKTON, SOUTH DAKOTA.

MULTIPLE NAIL SET.

Application filed June 22, 1920. Serial No. 390,778.

To all whom it may concern:

Be it known that I, CHARLES T. GREENER, a citizen of the United States, residing at Faulkton, in the county of Faulk, State of South Dakota, have invented a new and useful Multiple Nail Set; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to nail sets and has for its object to provide a nail set comprising a body member adapted to be held between the fingers and provided with radially disposed nail sets of different sizes, thereby obviating the necessity of the use, by a carpenter, of separate nail sets for each size. Also to provide hammer engaging lugs carried by the body member and diametrically disposed in relation to the nail sets.

A further object is to provide the ends of the nail set with concavities so as to prevent the nail set from coming out of engagement with the nail and consequently marring the wood work adjacent the nail.

A further object is to provide a nail set provided with a plurality of nail set members of various sizes so that the operator may set nails of various sizes without entirely changing from the use of one tool to a different tool. Also to provide finger engaging depressions in the sides of the body member so that said body member may be easily held in the fingers and also easily and quickly rotated to shift from a nail set of one size to a nail set of a different size.

With the above and other objects in view the invention resides in the combination and arrangement of parts as hereinafter set forth, shown in the drawings described and claimed, it being understood that changes in the precise embodiment of the invention may be made within the scope of what is claimed without departing from the spirit of the invention.

In the drawings:—

Figure 1 is a perspective view of the nail set showing the same in the position it is held when in use.

Figure 2 is a front elevation of the nail set.

Figure 3 is a vertical sectional view taken on line 3—3 of Figure 2.

Figure 4 is an enlarged detail view of the end of one of the nail sets showing its concavity in engagement with a nail.

Referring to the drawings, the numeral 1 designates the body member of the nail set, which body member is preferably round, the opposite sides of said body member being provided with knurled depressions 2, which are adapted to be engaged by the fingers so that the nail set may be held in position for use as clearly shown in Figure 1. Extending radially from the body member 1 are nail set projections 3, which projections are of different sizes and adapted to be used for different sizes of nails. The ends of the nail set projections are provided with depressions 4, which are adapted to receive nail heads 5 so as to prevent slipping of the nail set projection out of engagement with the head 5 during a nail setting operation. Disposed on the outer periphery of the body member 1 and at diametrically disposed points to the nail setting projections are hammer engaging lugs 6, which lugs are adapted to be engaged by the hammer poll 7, during a nail setting operation.

If so desired the depression 4 may be eliminated and the ends of the nail setting projection may be flat or any other desired shape, or if so desired the body member 1 may have one of the projections 3 in the form of a center punch.

When in use the device is held between the thumb and forefinger as shown in Figure 1 and the desired nail setting projection 3 in engagement with the nail being set. Where nails of different sizes are being set, it will be seen that it will only be necessary for the operator to shift to a vertical position the nail setting projection which it is desired to use. By providing all of the nail sets on a single device, the common practice of having several nail sets is obviated, consequently the operator when he desires to use his nail set does not have to hunt around for the particular set he desires to use. Where separate nail sets are used, it has been found that the same becomes mixed with the nails in the carpenter's nail pocket and consequently is exceedingly hard to locate. By the particular shape of the device it will be seen that the same can be easily and readily located when mixed with nails, and when located that all the sets used are carried by the same body.

The invention having been set forth what is claimed as new and useful is:—

A nail set comprising a disc shaped body member, said body member having its opposite sides provided with registering finger engaging depressions, radially disposed nail setting projections carried by the edge of the body member and radially disposed in relation to the finger engaging depressions in the body member, hammer engaging lugs carried by the edge of the disc shaped body member, said hammer engaging lugs being diametrically disposed in relation to the nail setting projections and radially disposed in relation to the finger engaging depressions, the axes of said hammer engaging members and of corresponding nail setting members being in axial alignment and in alignment with the center of the finger engaging depressions, said hammer engaging members and nail setting projections being alternately arranged.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHARLES T. GREENER.

Witnesses:
W. H. GEORGE,
J. P. SHIRK.