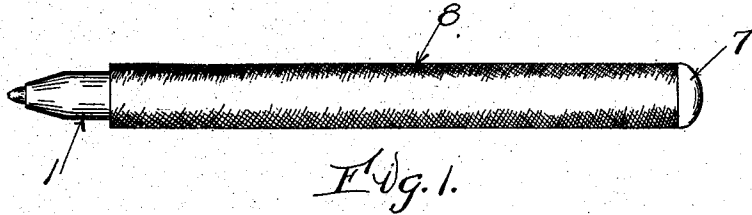
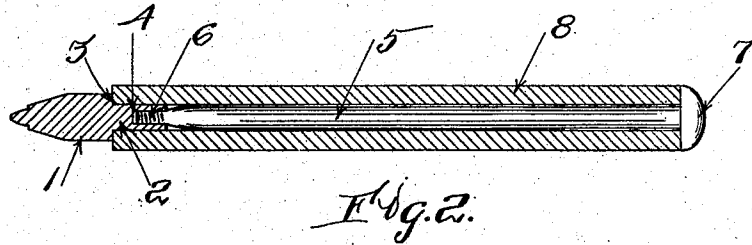
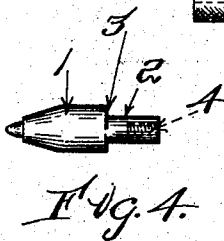
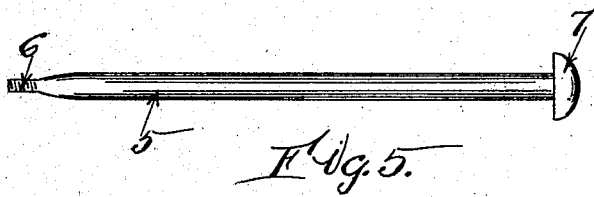


H. A. EVERY.
 INSULATED TOOL FOR MARKING WITH METALLIC LEAF.
 APPLICATION FILED NOV. 30, 1908.

918,833.

Patented Apr. 20, 1909.



Witnesses:
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UNITED STATES PATENT OFFICE.

HARRY A. EVERY, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO ALFRED E. HAINES COMPANY,
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INSULATED TOOL FOR MARKING WITH METALLIC LEAF.

No. 918,833.

Specification of Letters Patent.

Patented April 20, 1909.

Application filed November 30, 1908. Serial No. 465,317.

To all whom it may concern:

Be it known that I, HARRY A. EVERY, citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented a certain new and useful Improvement in Insulated Tools for Marking with Metallic Leaf, of which the following is a specification, reference being had therein to the accompanying drawings.

10 In marking with metallic leaf such for instance as gold leaf, upon various objects, it is common to lay the metallic leaf upon the object to be marked, the metallic leaf having superimposed upon it a suitable backing of
15 paper or other sheet material, and then to impress upon the backing, either by a heated roller or by a pointed instrument or other suitable tool which has been heated, the outline of the design that it is intended to transfer in metal to the object to be marked.

20 In order to cause the gold or other metallic leaf to adhere to the object to be marked along the line traced by the marking instrument, it is necessary that the marking instrument should be heated. When this marking
25 instrument is a hand tool, such for instance as a metallic pencil or stylus, it is necessary to have an insulated or non-heat conducting hand grip in order to avoid burning the hand, and also to serve to prevent too rapid radiation of the heat from the point of the tool.

30 The object of my invention is to provide a marking tool for marking with metallic leaf having an insulated finger grip for the
35 purposes above set forth.

The invention will now be fully understood from the following description taken in connection with the accompanying drawings, and the novel features are pointed out and
40 clearly defined in the claim at the close of the specification.

In the drawings:—Figure 1 is a plan of a tool embodying my invention. Fig. 2 is a longitudinal section. Fig. 3 is a plan of the
45 insulating sleeve detached. Fig. 4 is a plan of the point and Fig. 5 is a plan of the handle rod detached.

Referring to the drawings,—1 represents the point of the tool which is made somewhat

conical and is of metal, preferably steel, and 50 is formed with a shank 2 extending rearwardly, the said shank being of considerably less diameter than the diameter of the rear end of the point 1, thus forming a shoulder 3 at the junction of the shank with the rear end 55 of the point. The shank 2 is tapped out forming a screw-threaded socket 4. A metallic rod 5 of the same diameter as the shank 2 is formed with a reduced forward end having a screw-thread 6 which is adapted to screw into the tapped out socket 4. The rear end of the rod 5 is provided with a head 7 which may be either integral therewith as shown, or it may be a nut adapted to screw onto the rear end of the rod. 60

65 An insulating sleeve 8 of any suitable non-heat conducting material, but preferably asbestos or asbestos composition, is provided which is adapted to fit over the rod 5, the rear end of the sleeve abutting against the head 7 70 and the forward end of the sleeve abutting against the shoulder 3 when assembled. In order to assemble the parts, the rod is first inserted into the sleeve until the rear end of the sleeve abuts against the head 7 and then 75 the shank 2 of the point is inserted into the opposite end of the sleeve from the head 7 and screwed onto the threaded end of the rod, bringing the shouldered end of the point back up against the forward end of the 80 sleeve, thus clamping the sleeve between the shouldered end of the point and the head 7. The insulating sleeve thus forms the hand and finger grip which entirely protects the
85 point is highly heated for use and also materially aids in preventing too rapid radiation of the heat from the rod and thereby retards the cooling of the point. The parts are easily assembled and detached. 90

What I claim is:

An insulated tool for marking comprising a metallic point member having a rearwardly projecting shank portion of reduced diameter forming a shoulder at its junction with the 95 head, said shank having a tapped out socket in its rear end, a metallic rod having its main portion of the same diameter as said shank,

one end being reduced and adapted to screw
into said socket and having its other end pro-
vided with a head, and a sleeve of insulating
material which is adapted to fit over said
5 rod and to receive the shank end of the tool,
the shouldered end of said point being adapt-
ed, when the shank is screwed onto said rod
after the sleeve is placed thereon, to clamp

the sleeve between the said shouldered end
and the head of the rod.

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

10

HARRY A. EVERY.

Witnesses:

ABRAHAM K. COHEN,
WILLIAM A. COPELAND.