

No. 777,018.

PATENTED DEC. 6, 1904.

G. E. GREEN & E. W. WAGONER.
LETTERING DEVICE.

APPLICATION FILED MAR. 21, 1904.

NO MODEL.

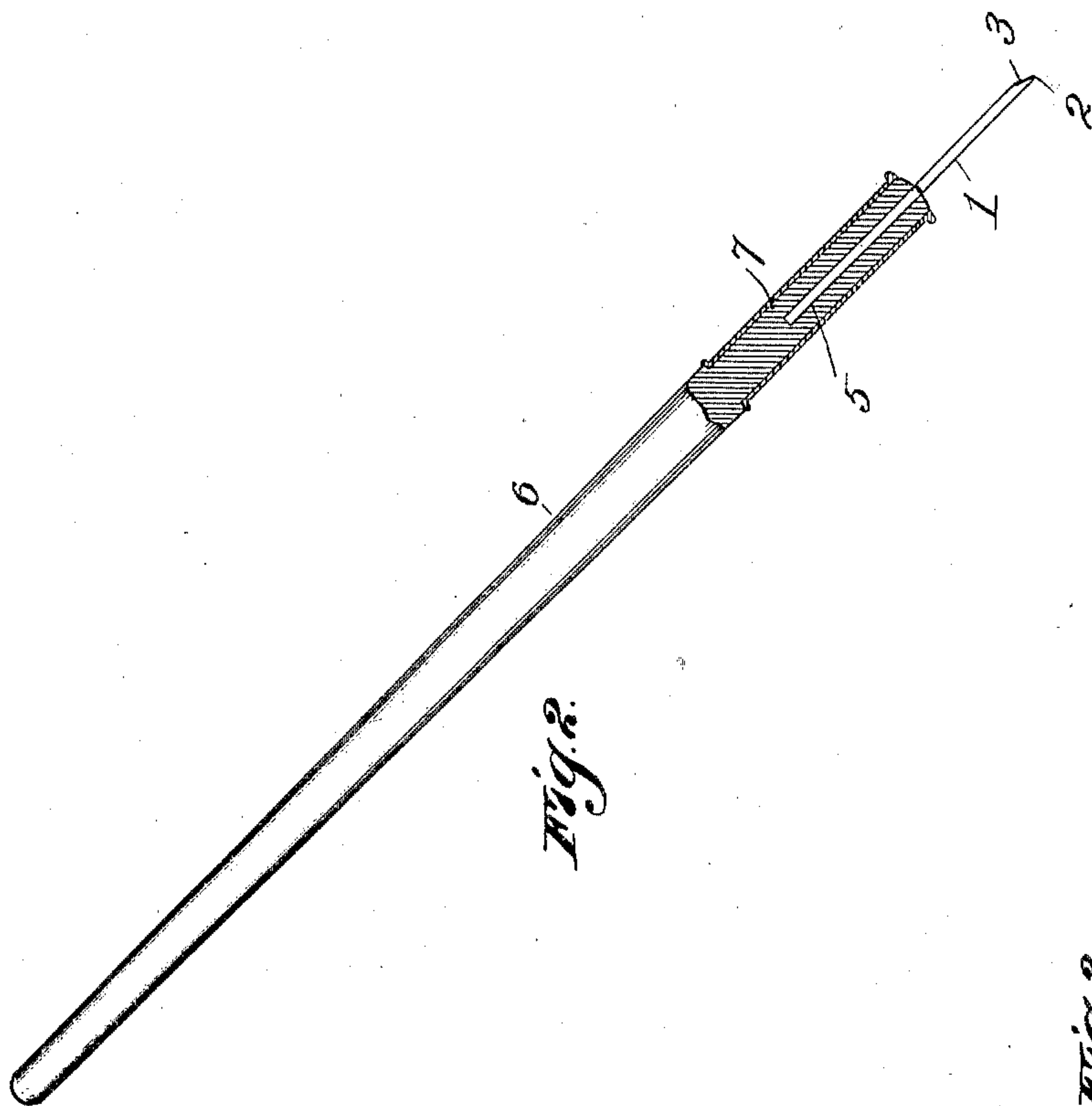


Fig. 2.

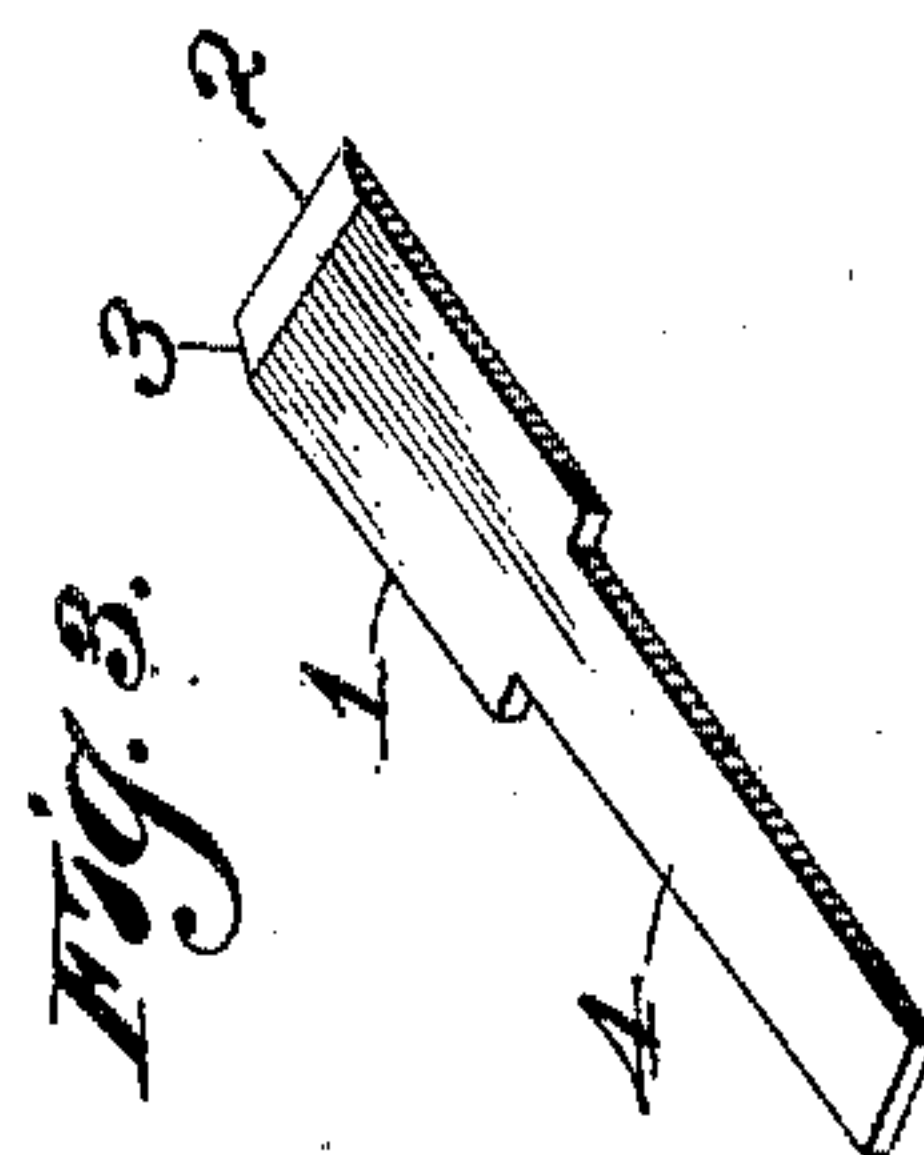


Fig. 3.

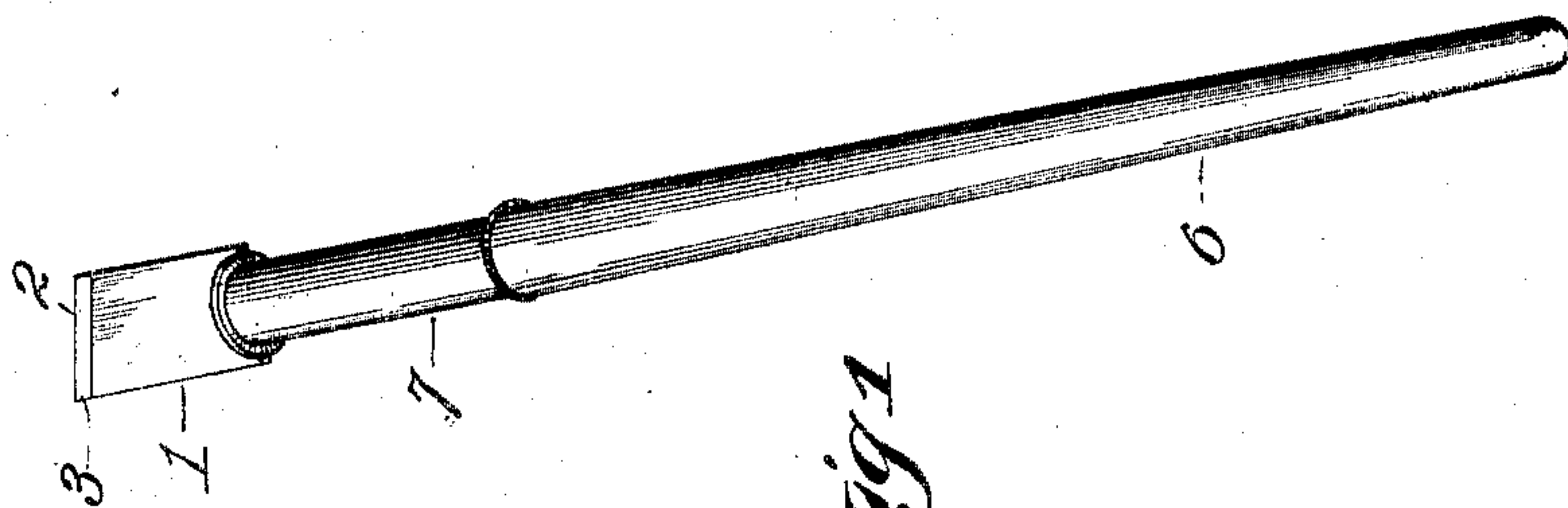


Fig. 1.

Witnesses
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UNITED STATES PATENT OFFICE.

GEORGE E. GREEN AND EMMET W. WAGONER, OF EMPORIA, KANSAS.

LETTERING DEVICE.

SPECIFICATION forming part of Letters Patent No. 777,018, dated December 6, 1904.

Application filed March 21, 1904. Serial No. 199,320. (No model.)

To all whom it may concern:

Be it known that we, GEORGE E. GREEN and EMMET W. WAGONER, citizens of the United States, residing at Emporia, in the county of Lyon and State of Kansas, have invented a new and useful Lettering Device, of which the following is a specification.

Our invention relates to lettering devices, and more especially to that class which, like a pen or brush, is held in the hand; and our object is to produce a device of this character of exceedingly simple, strong, durable, and cheap construction and by which good lettering can be produced though the operator be unskilled.

To these ends the invention consists in certain novel and peculiar features of construction, as hereinafter described and claimed; and in order that it may be fully understood reference is to be had to the accompanying drawings, in which—

Figure 1 represents a top plan view of the device in the position it occupies during the formation of a letter. Fig. 2 is a view of the same, partly in side elevation and partly in longitudinal section. Fig. 3 is a detail perspective view of the lettering-blade detached from its handle.

In the said drawings, 1 designates a blade, preferably of copper, having its front end extending convergingly at a slight angle with respect to its left-hand margin, as viewed in plan, as shown at 2, and having its upper side at such end beveled downwardly and forwardly, as at 3, and said blade at its opposite end is provided by preference with a stem 4, fitting tightly in a kerf 5 in the lower end of a handle 6, a sleeve or thimble 7 fitting upon the kerfed end of the handle to strengthen the same and prevent it from splitting.

This device is held by the hand in substantially the position shown in Fig. 1—that is to say, with its front end extending transversely of the paper or other object upon which the letters are to be made—it being understood, of course, that the device is first dipped into a suitable ink. While held in such position it is drawn vertically downward or obliquely downward accordingly as vertical or oblique

letters are desired, the beveled portion 3 being disposed upwardly in order that the ink shall come in contact with the paper or other object being lettered as soon as the device touches said object, and, furthermore, so that the ink shall flow more freely to said object, it being understood that in the manipulation of this device it is necessary that as soon as the device is placed upon the paper or other object the stroke shall be made, and thus obviate any danger of blotting the paper, as would be the case if the device were placed on the paper or other object and held stationary for any length of time. In such stroke the ink flows downward and forward, and the stroke is rearward or in the opposite direction from the flowing of the ink.

By having the front end of the device converging with respect to the left-hand margin it disposes the handle to the right, and consequently enables the letterer to observe his work more closely, and therefore gives him better control of the device, the result obviously being work of superior character to that which would be produced if such end was at right angles to said side margin instead of converging.

After experimenting with various kinds of metal the only kind that we have found which gives a perfect and even flow of ink is copper; but it is to be understood that we do not wish to restrict ourselves to this particular material, as further experiments may demonstrate the practicability of other material for this purpose.

Having thus described the invention, what we claim as new, and desire to secure by Letters Patent, is—

1. A lettering device, comprising a blade having its front end extending at an angle to its length, and provided with a handle and having its upper side beveled downwardly to said front end.

2. A lettering device, comprising a copper blade having its front end beveled downwardly at its upper side and provided with a handle.

3. A lettering device, comprising a copper blade having its front end extending at an angle to its length and beveled downwardly at

such end at its upper side and provided with a handle.

4. A lettering device, comprising a copper blade having its front end extending at an angle to its length and beveled downwardly at such end at its upper side, and provided with a stem projecting from its opposite end, and a handle secured upon said stem.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

GEORGE E. GREEN.
EMMET W. WAGONER.

Witnesses:

ARTHUR AVERY,
J. W. PARRINGTON.