

No. 682,950.

Patented Sept. 17, 1901.

S. D. McNEAL.
MEMORIAL TABLET.

(Application filed Jan. 5, 1901.)

(No Model.)

FIG. 1.

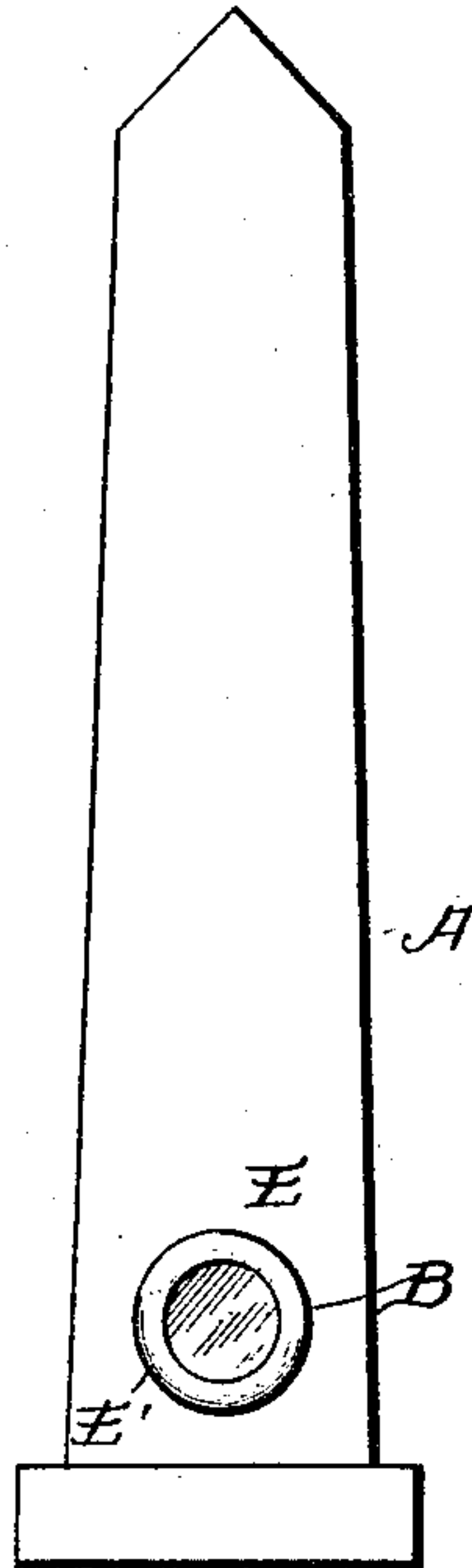


FIG. 3.

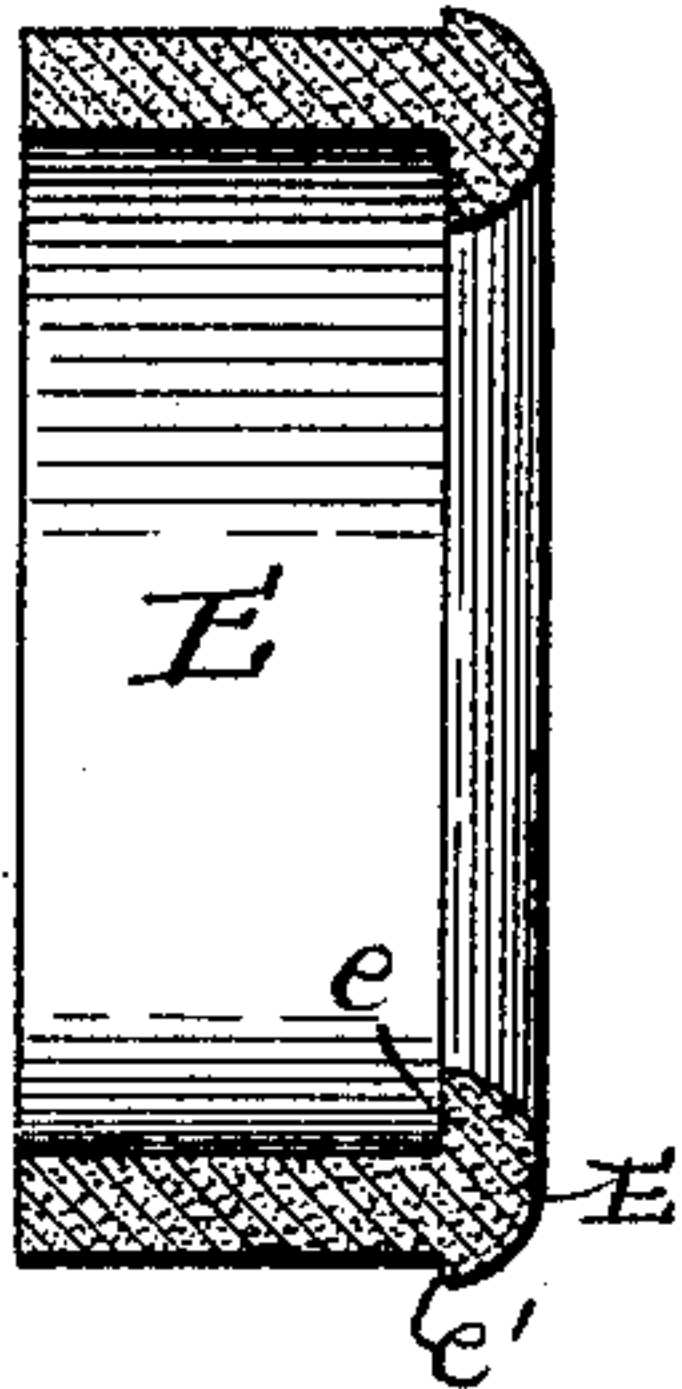


FIG. 2.

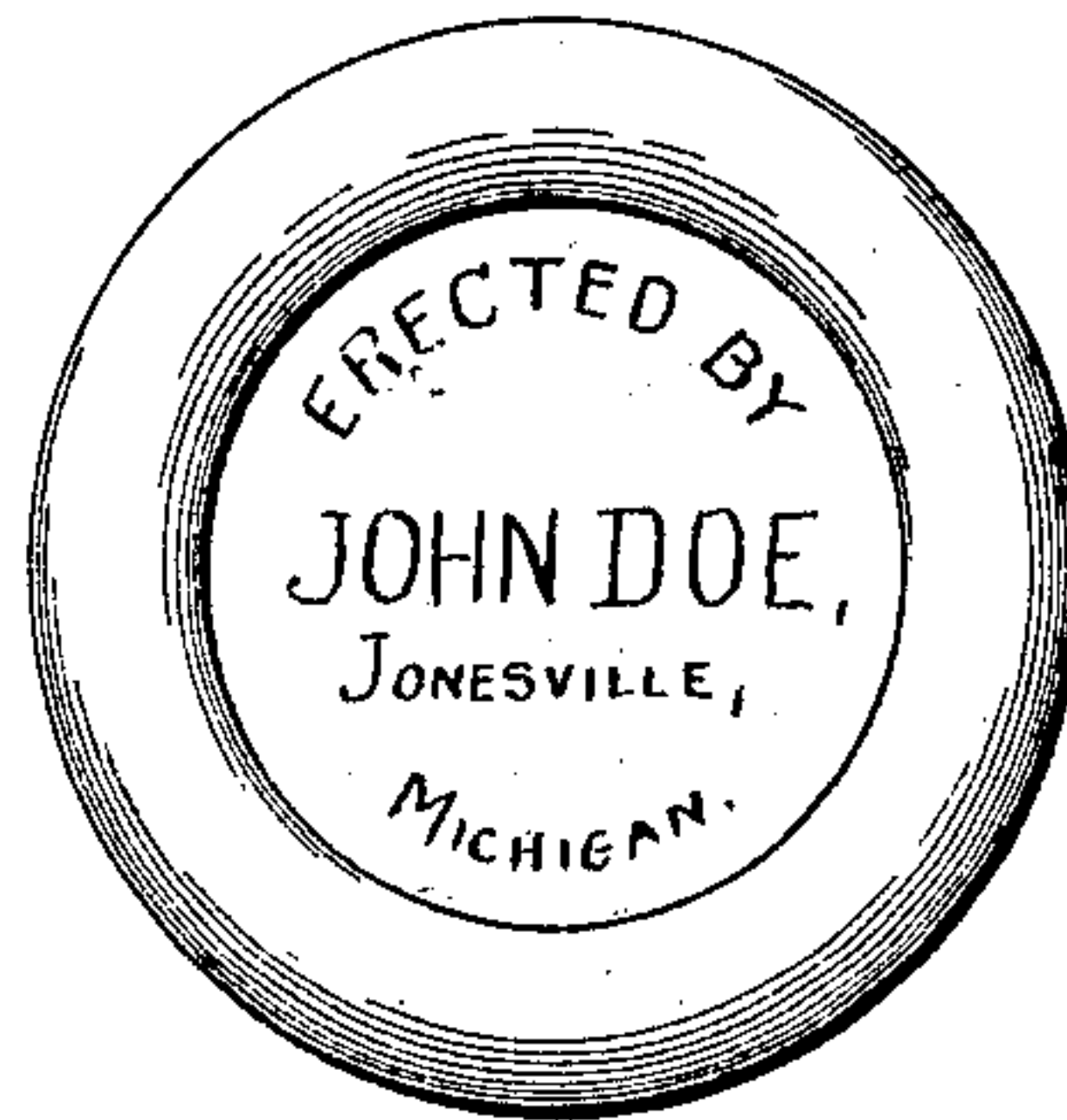


FIG. 4.

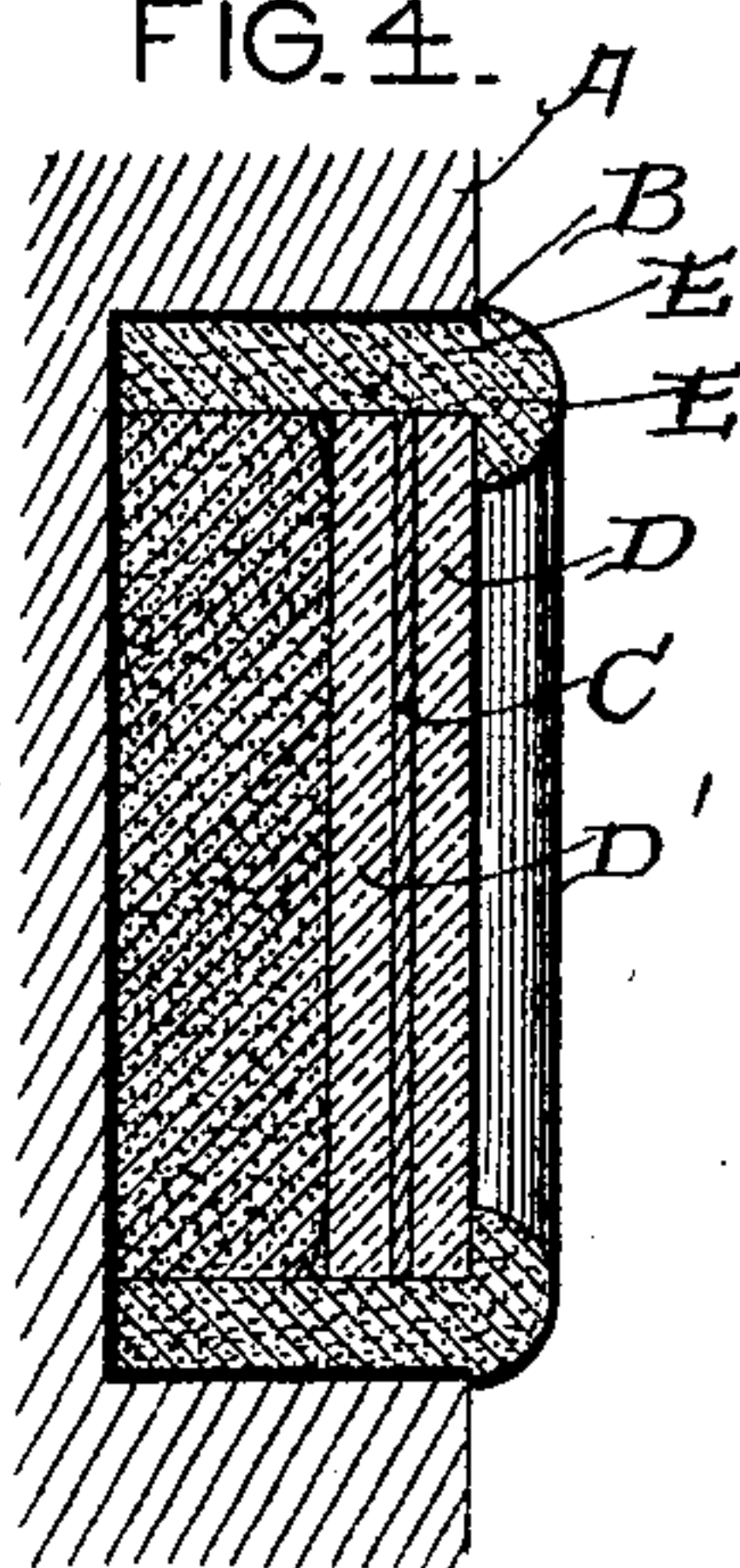


FIG. 5.

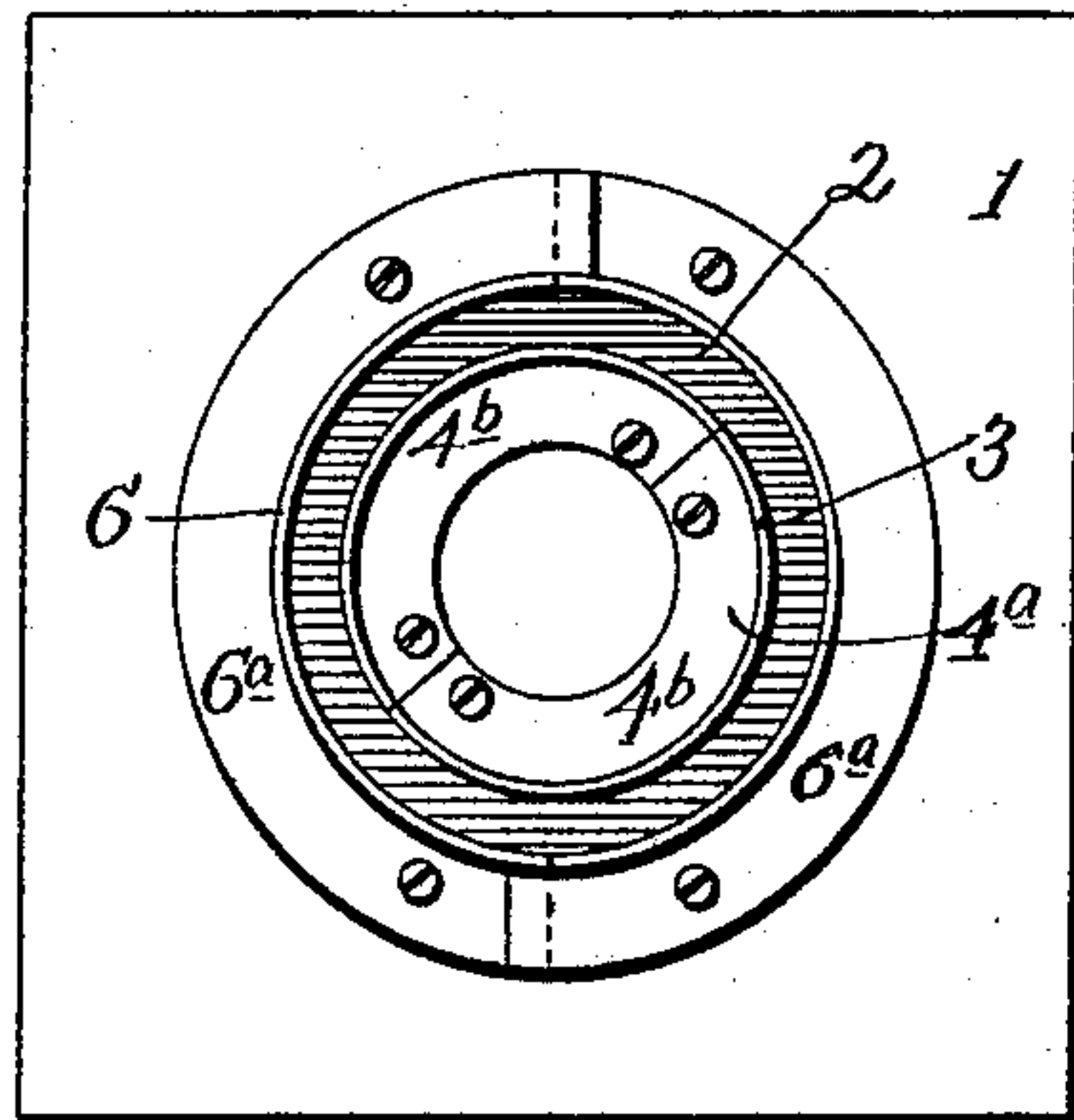
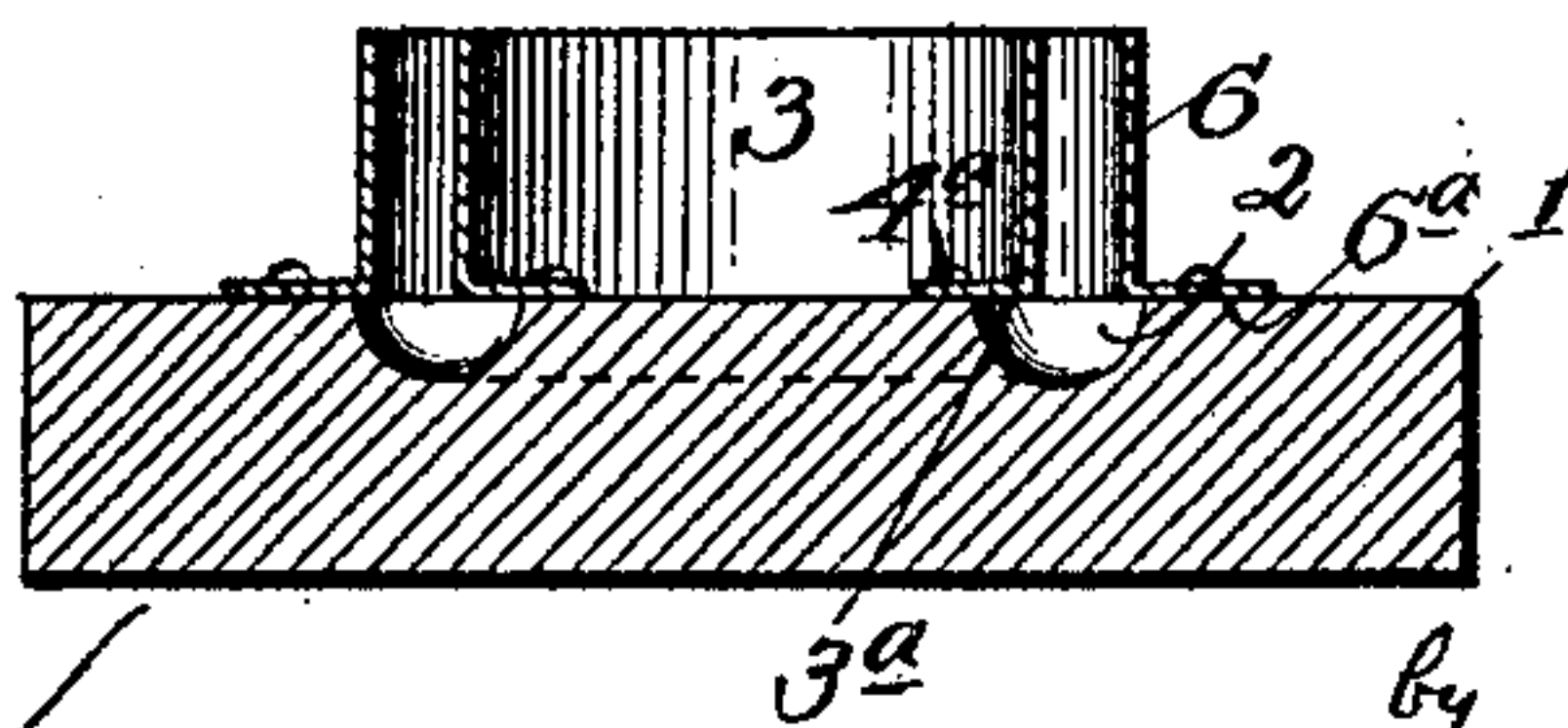


FIG. 6.



WITNESSES.

Jose Gregory
George M. Anderson

INVENTOR.
S. D. McNeal,

E. W. Anderson
by *his*
ATTORNEY.

UNITED STATES PATENT OFFICE.

SETH D. McNEAL, OF JONESVILLE, MICHIGAN.

MEMORIAL-TABLET.

SPECIFICATION forming part of Letters Patent No. 682,950, dated September 17, 1901.

Application filed January 5, 1901. Serial No. 42,265. (No model.)

To all whom it may concern:

Be it known that I, SETH D. McNEAL, of Jonesville, in the county of Hillsdale and State of Michigan, have invented a new and improved memorial-tablet for placing inscriptions on monuments, tombstones, and other articles and things for perpetuating events and dates and sketches of history; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

This invention has relation to monuments, and has for its object the provision of a suitable inscription or writing to be incased separately from the monument and afterward secured therein.

With this object in view the invention consists in the novel construction and combination of parts, all as hereinafter described, and pointed out in the appended claim.

Referring to the accompanying drawings, the letter A designates the monument, having a seat B provided therein for the reception of the inscription or writing. This inscription is made in the present case upon a metal plate C, preferably of aluminium, and placed between inner and outer protecting-plates D D', preferably of glass, and surrounded and secured in an incasement E, preferably of artificial stone, which incasement and writing are secured in the seat of the monument, in the present case by means of suitable mortar or artificial stone. In this manner an inscription or writing is made a part of the monument in an expeditious, comparatively inexpensive, and harmonious manner without the necessity for cutting the characters of the inscription in the stone, the engraving, etching, or other application of such characters to metal or glass being much less laborious and expensive, not only on account of the different manner of application or cutting of such letters in glass and metal, but also on account of the fact that the glass or metal plate may be prepared in any convenient place apart from the monument, which is often inaccessible, outdoors, and difficult to move.

The special method and apparatus which I employ are as follows:

1 is a wooden block having a planular upper surface provided with an annular groove 2 therein.

3 is the core of the mold, of hollow cylindrical form, made of sheet metal, inwardly annularly flanged at 4^a at its lower extremity and formed in two or more sections 4^b, having each section a detachable connection with block 1 inside the aforesaid groove thereof. 6 is the outer portion of the mold, also of hollow cylindrical form, outwardly annularly flanged at 6^b at its lower extremity and also made in two or more sections 6^a, having a detachable connection with block 1 outside the groove thereof. The core of the mold projects over the groove 2, forming an annular shoulder 3^a, while the outer portion of the mold also projects over the groove at the outside thereof, but to a less extent than the core. It will thus be noted that when the space between the mold-core and its outer portion is filled in with artificial stone or other suitable material a resulting incasement is formed of annular hollow cylindrical character entirely open at one end thereof and having an annular shoulder *e* at its opposite end portion, forming the inner boundary of the inner rim of ornamental bead E' of the incasement E. An annular shoulder *e'* is also formed at the outer extremity of the incasement or casting at the outside thereof and forming the boundary of the outer rim of the aforesaid bead.

In assembling the parts, the dried casting having been removed from the mold by detaching the same section by section, the outer glass plate D is inserted within the casting until it rests upon shoulder *e* thereof. The inscription-plate is then inserted until it rests upon glass plate D, after which the inner glass plate D' is inserted within the casting until it rests upon the inscription-plate, white lead, putty, or plaster-of-paris being used to make the backing perfectly water-tight and the rear part of the interior of the casting being filled in with the same material as that of which the casting is composed. The casting being now ready to be placed in its seat in the monument is thoroughly moistened upon the outside thereof and suitably cemented in place, the shoulder *e'* of the bead E' hiding the joint.

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

5 An integral artificial-stone inscription-incasement monument attachment, having the interior shoulder, the glass plate resting upon said shoulder, the inscription or writing in rear of said plate, means in rear of the inscription or writing for keeping it water-tight,

and a filling of artificial stone for the rear-most part of the interior of said incasement, and integral with the incasement, substantially as specified.

SETH D. McNEAL.

Witnesses:

WM. M. WETMORE,
OLIVER S. WHITE.