

(No Model.)

D. SCHUYLER.
Monument.

No. 242,378.

Patented May 31, 1881.

Fig: 1.

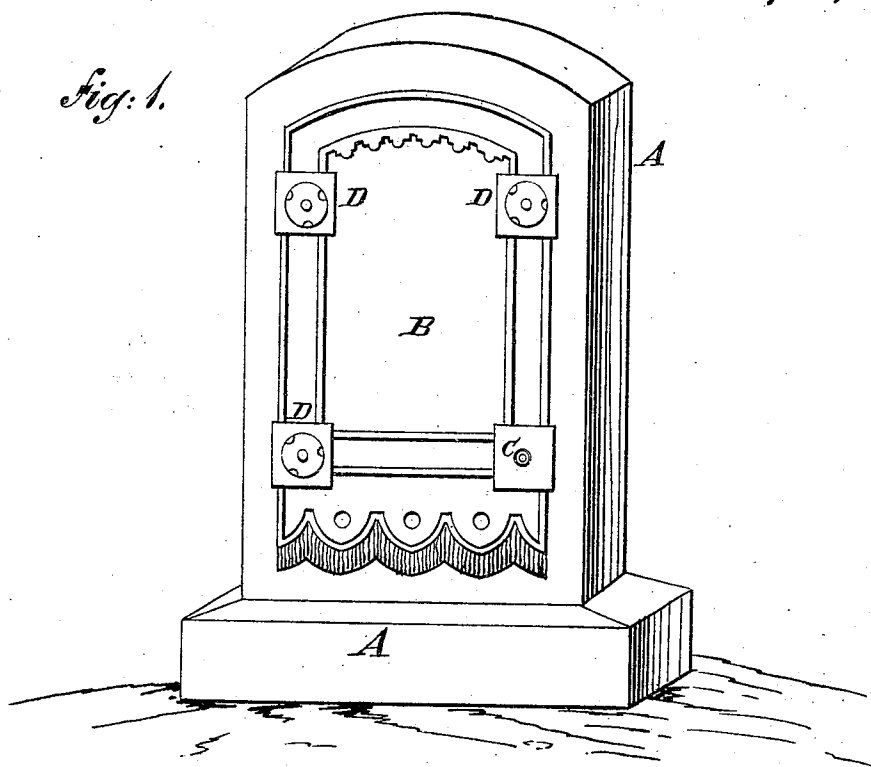


Fig: 2.

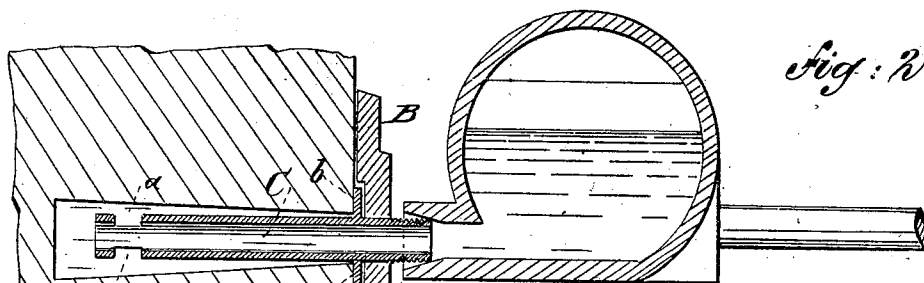
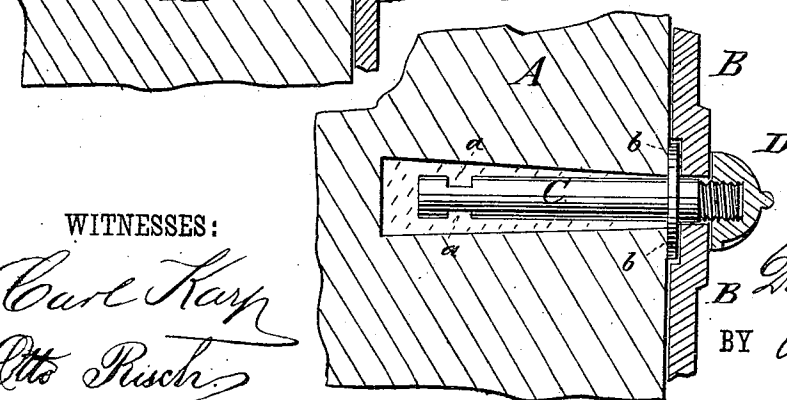


Fig: 3.



WITNESSES:

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DANIEL SCHUYLER, OF BRIDGEPORT, CONNECTICUT.

MONUMENT.

SPECIFICATION forming part of Letters Patent No. 242,378, dated May 31, 1881.

Application filed August 3, 1880. (No model.)

To all whom it may concern:

Be it known that I, DANIEL SCHUYLER, of Bridgeport, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Monuments, of which the following is a specification.

This invention relates to improvements in stone monuments by the application of ornamental tablets of suitable metal, which tablets may be applied either to new monuments or to old and partly-broken monuments, so as to impart to the latter a more sightly and ornamental appearance, and restore permanently the inscriptions and emblems thereon.

The invention consists of the combination, with a stone monument, of metallic tablets, which are connected thereto by hollow bolts and exterior nuts, the bolts being set into the tapering socket-holes of the monument by a filling of lead or other suitable metal, which is passed through the bolts and through side holes at the rear ends of the same into the surrounding spaces of the socket-holes. The bolts are provided with fixed washers, which are set against the face of the monument, so as to secure the bolts in true position and prevent any escape of the melted metal.

In the accompanying drawings, Figure 1 represents a perspective view of my improved stone monument and tablet. Figs. 2 and 3 are vertical transverse sections of the monument, drawn on an enlarged scale, showing, respectively, the method of filling the lead into the socket-hole through the hollow fastening-bolt of the tablet, and the final connection of the tablet and stone by the screw-nut.

Similar letters of reference indicate corresponding parts.

In the drawings, A represents a stone monument of any suitable shape or size, and B a tablet, which is preferably made of zinc or other white metal, and grained at the outer surface by the sand-blast or otherwise, in imitation of stone. The tablet B is connected to the monument by means of hollow bolts C, which are passed through holes of the tablet, and provided with an exterior screw-thread at their outer ends and with side exit-holes, *a*, at their inner ends, as shown in Figs. 2 and 3. The length to which the bolts can be inserted into

the socket-holes of the monument is determined by a fixed washer, *b*, which also serves for the purpose of setting the bolt into true position preparatory to filling the socket-hole with lead or other suitable metal for securing the bolt to the monument. For this purpose the bolts are first inserted into the socket-holes, which increase in width from their mouths toward their rear ends, as usual in attaching keys or wedges into stones. The tablet is then placed over the ends of the bolts, in front of the fixed washers. The lead which is used for attaching the hollow bolts to the stone is then melted in a fountain-ladle having a spout, which spout fits over the outer end of the bolt, so that the molten lead can be readily poured through the bolt into the socket-hole, even when in a horizontal position, as shown in Fig. 2, till the space around the bolt and inside of the bolt is entirely filled with lead. It forms, when hardened, a reliable connection for the bolts. The washers *b* serve, also, for the purpose of preventing the escape of the molten lead from the socket-holes in filling them with the ladle. The ornamental fastening-nuts D are finally screwed on the outer ends of the bolts, and thereby a reliable and ornamental connection of the monument and tablet is obtained.

A tablet of this construction may be removed and replaced by a new one with inscriptions and emblems altered to suit.

I reserve the right to file a separate application for Letters Patent for the fountain-ladle used for filling the hollow bolts and socket-holes with lead or other suitable metal.

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

1. The combination of a stone monument with a metallic tablet and with hollow connecting-bolts, which are secured by lead or other suitable metal filling into the tapering socket-holes of the monument, and provided with exterior retaining-nuts, substantially as set forth.

2. The combination of a stone monument, A, and a metallic tablet, B, with hollow connecting-bolts C, having fixed washers *b*, the bolts being secured by a lead or other suitable metal filling into the socket-holes of the monument,

and by exterior screw-nuts to the tablet, substantially as set forth.

5 3. For retaining metallic tablets to stone monuments, a hollow connecting-bolt having a fixed washer near its front end, as and for the purpose set forth.

10 4. For fastening tablets to monuments, a hollow connecting-bolt having a fixed washer near the front end and side holes near the rear end, as set forth.

5. The method herein described of attaching metallic tablets to stone monuments, consisting in inserting hollow connecting-bolts into the socket-holes of the monument, then plac-

ing the tablet on the projecting ends of the 15 bolts, filling the interior spaces of the socket-holes and bolts with lead or other suitable metal through the hollow bolts, and finally screwing the outer nuts onto the projecting ends of the bolts, substantially as set forth. 20

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 29th day of July, 1880.

DANIEL SCHUYLER.

Witnesses:

ROBERT E. PARSONS,

EDWARD B. KUNKELMAN.