

(No Model.)

J. MITCHELL.  
MEMORIAL MONUMENT.

No. 481,367.

Patented Aug. 23, 1892.

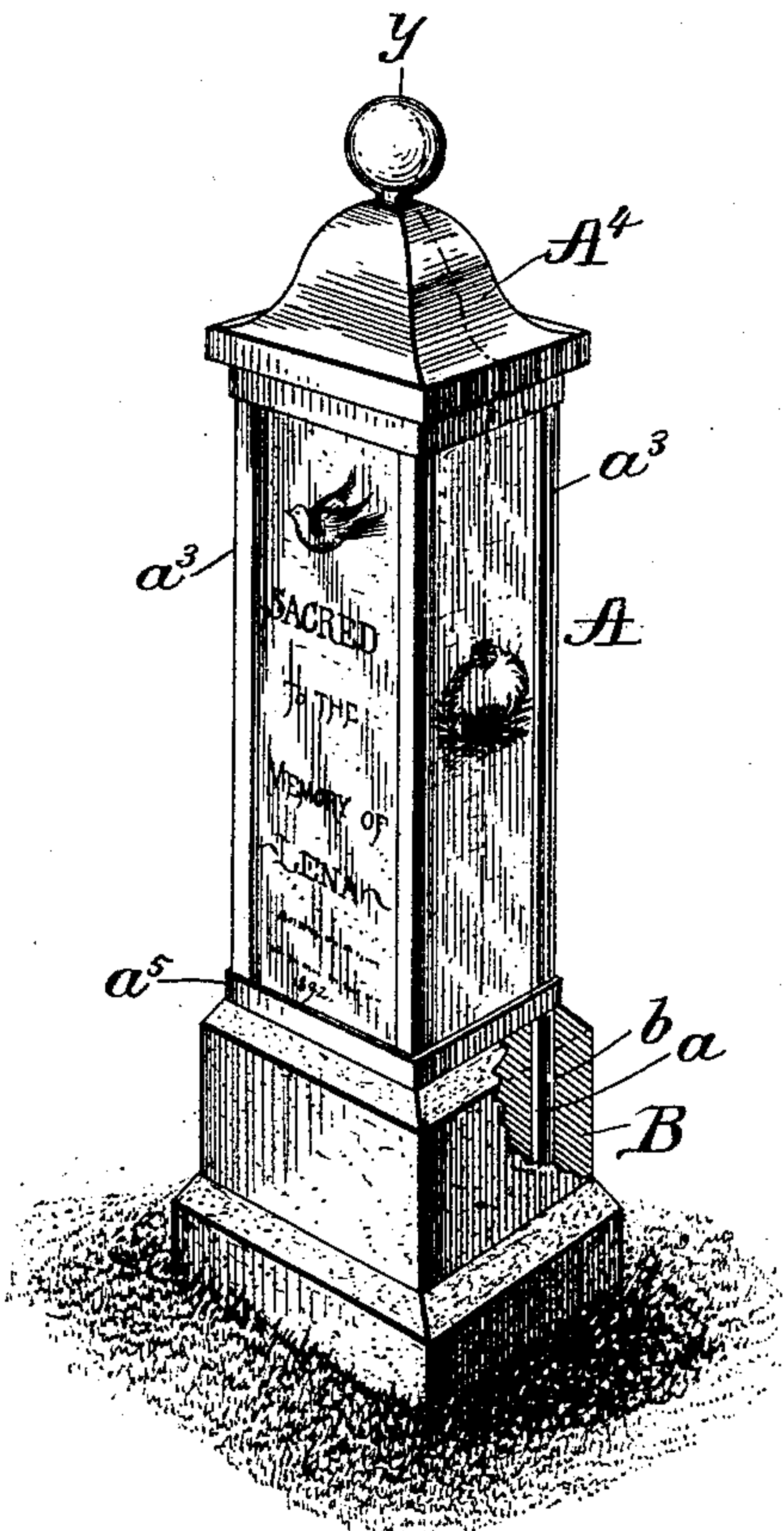


Fig. 1.

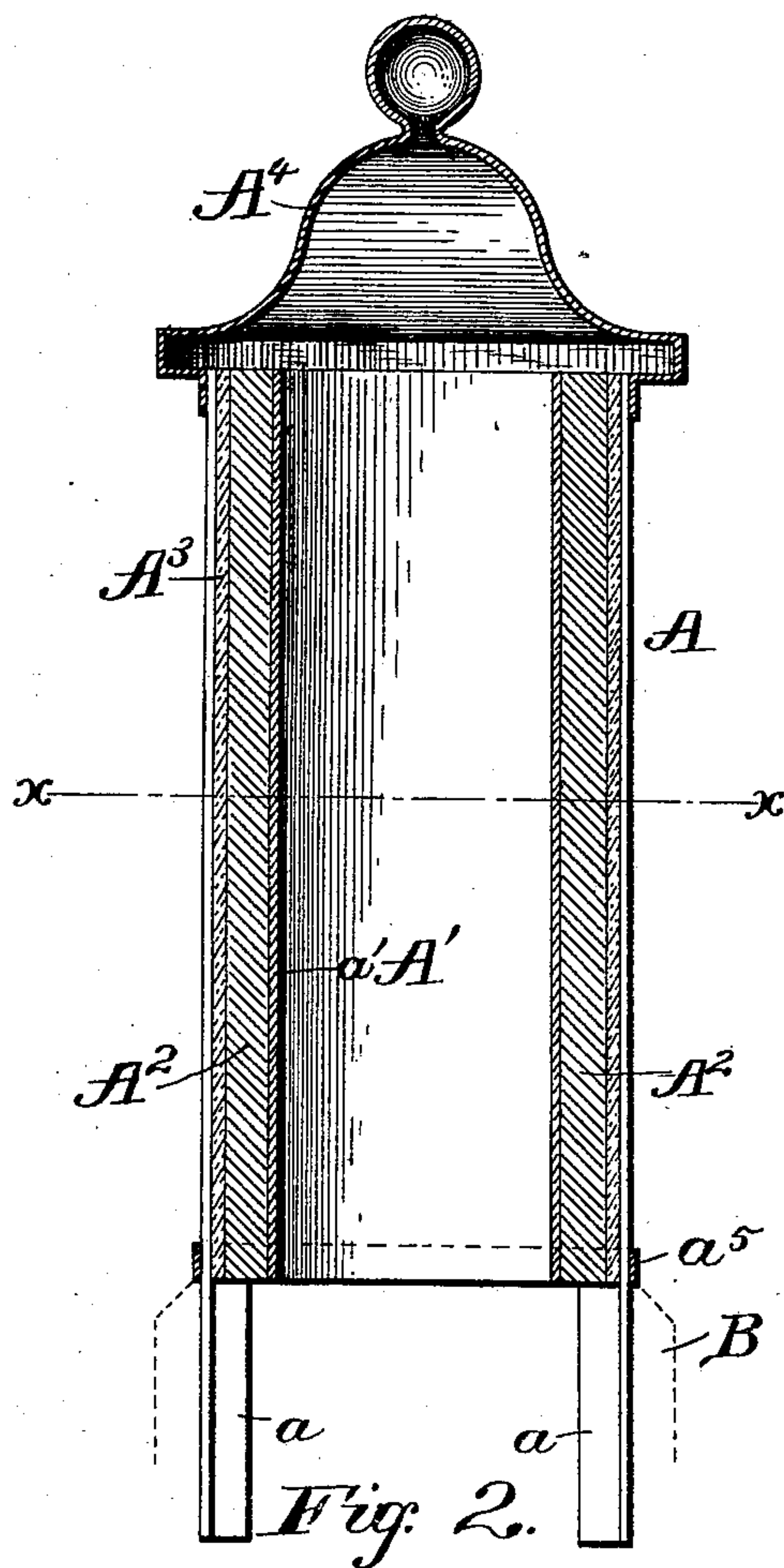


Fig. 2.

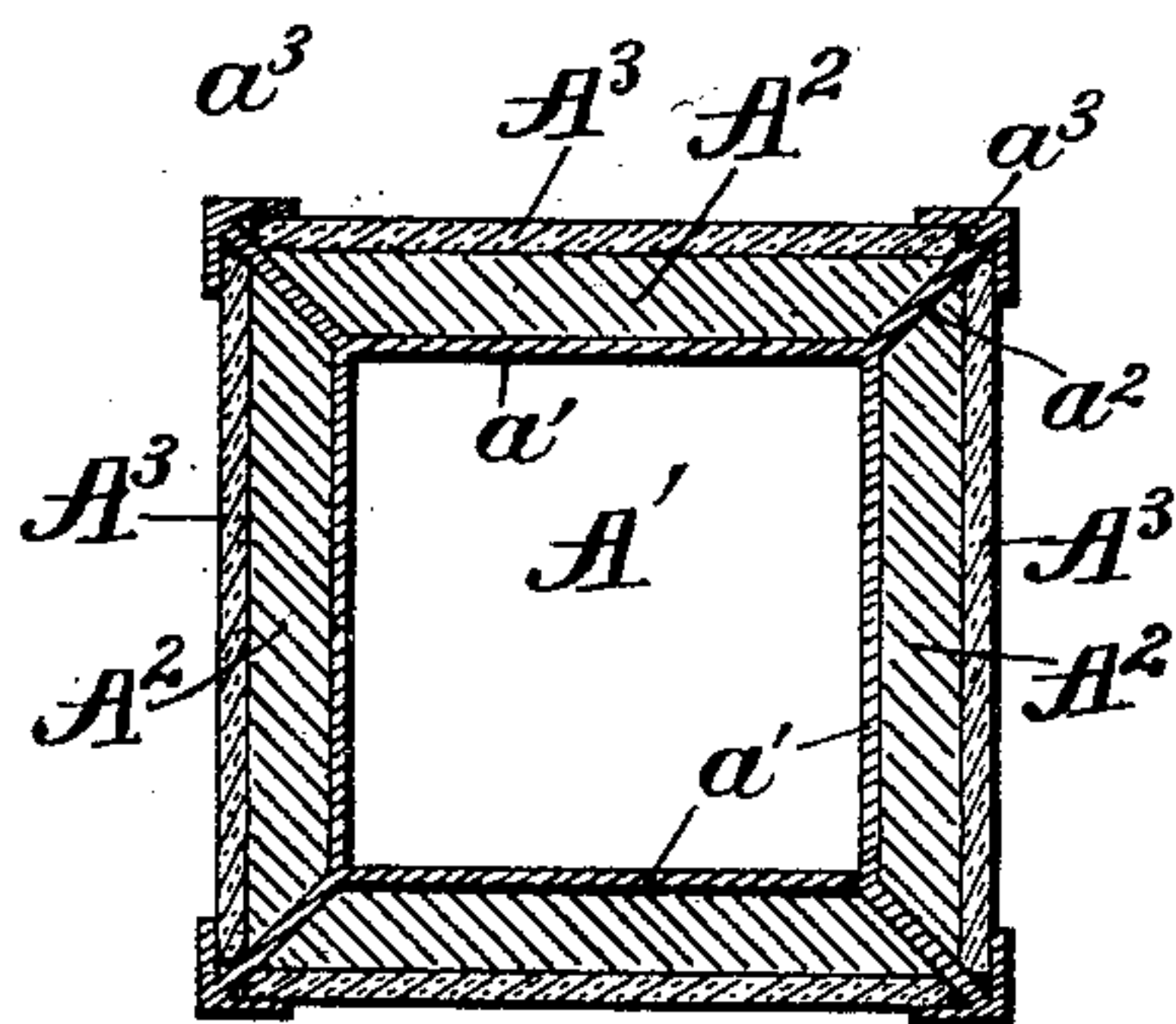


Fig. 3.

Witnesses

Rey C. Bowen.  
John C. Wilson.

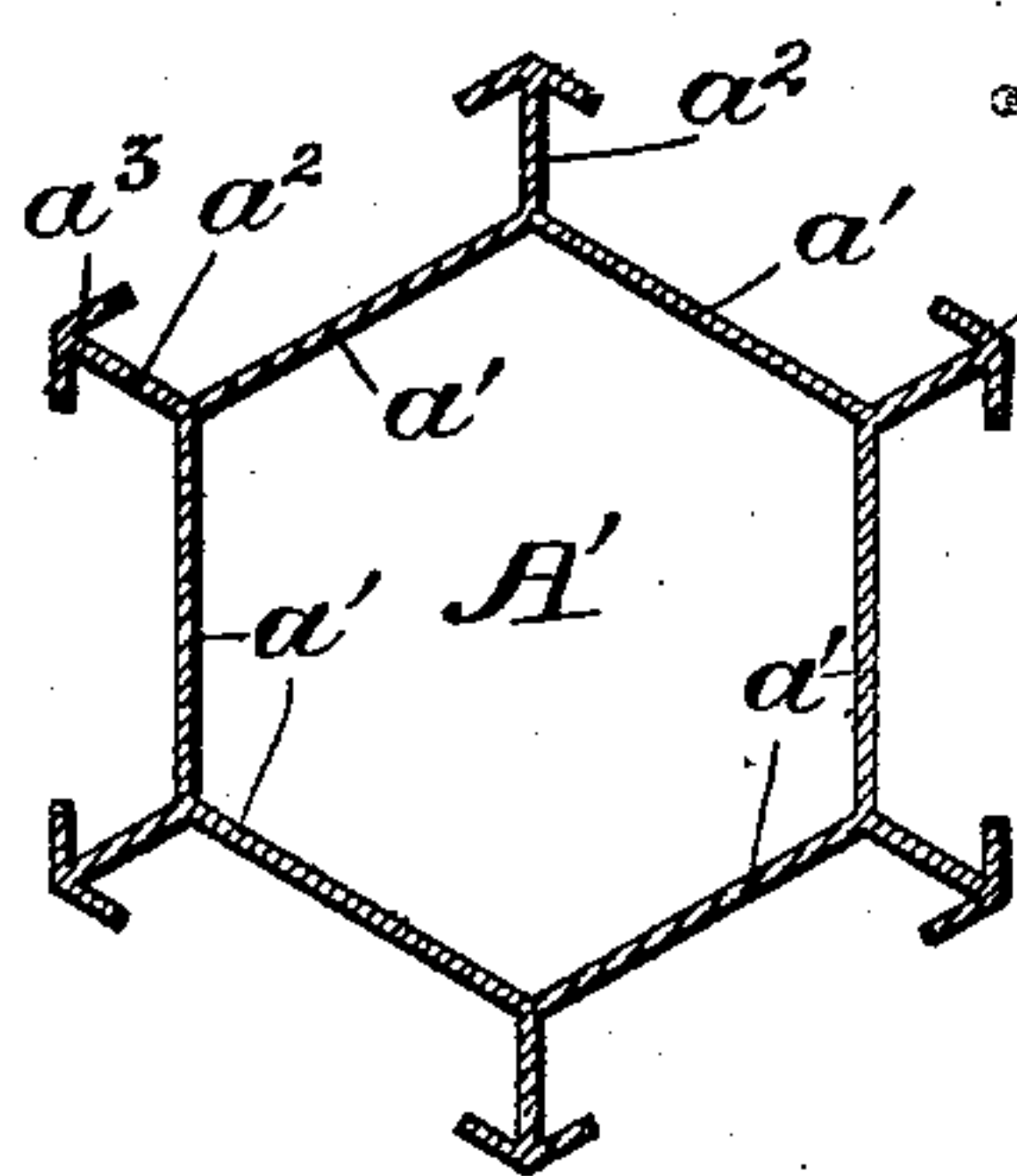


Fig. 4.

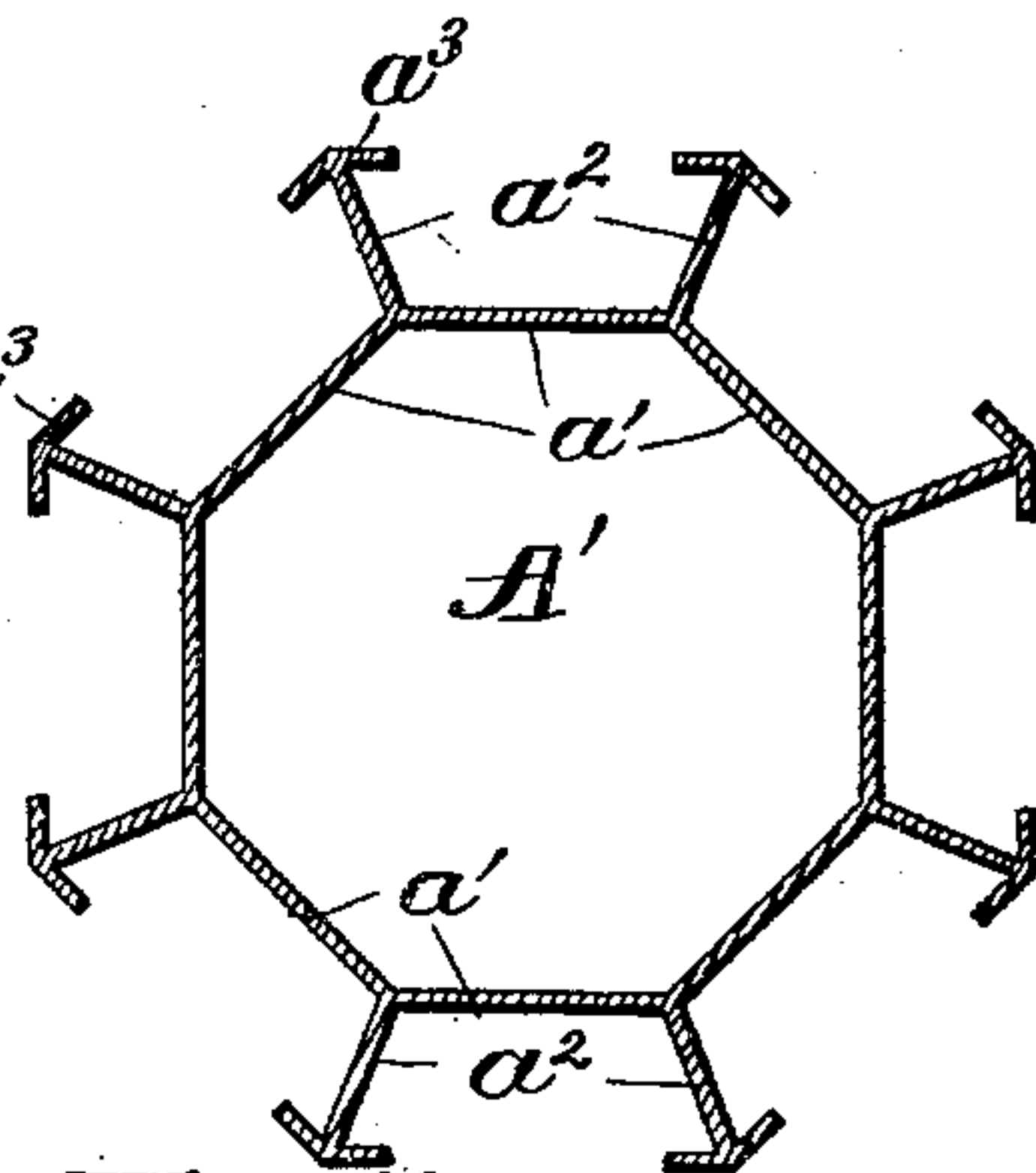


Fig. 5.

Inventor  
Joseph Mitchell  
by Whitman & Wilkinson  
Attorneys.



# UNITED STATES PATENT OFFICE.

JOSEPH MITCHELL, OF CAYUGA, INDIANA, ASSIGNOR OF ONE-FOURTH TO  
MILTON JAMES, OF SAME PLACE.

## MEMORIAL MONUMENT.

SPECIFICATION forming part of Letters Patent No. 481,367, dated August 23, 1892.

Application filed May 7, 1892. Serial No. 432,176. (No model.)

*To all whom it may concern:*

Be it known that I, JOSEPH MITCHELL, a citizen of the United States, residing at Cayuga, in the county of Vermillion and State of Indiana, have invented certain new and useful Improvements in Monuments; 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.

My invention relates to the construction of memorial monuments; and it consists of the certain novel features hereinafter described and claimed.

Reference is had to the accompanying drawings, in which the same letters refer to corresponding parts throughout the several views.

Figure 1 represents a perspective view of a monument, part being broken away to illustrate the method of attaching the hollow frame to the solid base. Fig. 2 represents a vertical section of the upper frame, taken along the line  $y y$  of Fig. 1. Fig. 3 represents a horizontal section along the line  $x x$  of Fig. 2. Fig. 4 represents a section similar to that shown in Fig. 3 of a modification of the skeleton frame, showing six sides. Fig. 5 represents a similar section of a skeleton frame, showing eight sides.

The monument consists, essentially, of two parts—a base B, of suitable heavy material, preferably granite or other stone, and an upper portion A, consisting of a hollow metallic frame having legs adapted to engage in corresponding recesses in the base and having slabs or faces of stone or plaster-of-paris let in its sides, the said frame being surmounted by a metallic cap.

The base B may be of any shape desired and of any suitable material, and is provided with a number of holes  $b$ , preferably corresponding to the number of ribs of the metallic frame, and adapted to engage the legs  $a$ , said legs being a prolongation of said ribs.

It will be evident that the simplest form of construction would be to have only two holes in the base of the monument and to have these holes adapted to engage the legs forming the continuation of two opposite ribs of the frame. In this case the necessity for more than two legs is avoided.

The upper portion A of the monument consists of a hollow metallic frame  $A'$ , having

any desired number of sides  $a'$  and a corresponding number of radial ribs  $a^2$ . These radial ribs terminate in arrow-head angle-flanges  $a^3$ , and the space between the polygonal sides, the radial ribs, and the angle-posts is trough-like in section, as shown. Into each of these trough-like sections soft plaster-of-paris  $A^2$  may be poured, which may be afterward molded or cut into shape; or, instead of the plaster-of-paris, stone slabs may be inserted. Over the plaster-of-paris or stone slabs glass plates  $A^3$  may be slipped before the upper part of the monument is placed on the lower. The edges of these glass plates are completely concealed by the arrow-head angle-posts, and water is also kept out by the same.

The frame is surmounted by a hollow metallic cap  $A^4$  of any desired design. This cap overhangs the edges of the hollow frame and prevents the access of moisture. This hollow cap may be made integral with the corner-posts, or may be adapted to slip on and off. A band  $a^5$  may be provided to slip over the base of the frame and hide the lower ends of the plaster-of-paris facings and glass plates.

The metal frame may be made of any suitable metal; but the parts exposed to view should preferably be made of or plated with aluminium or other metal not likely to tarnish upon exposure to atmospheric influences. It will thus be obvious that the upper portion A may be secured to the base B in a great variety of ways.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

A monument consisting of a base-piece of stone or other suitable material, a polygonal hollow metallic frame mounted upon said base-piece with radial ribs terminated by arrow-head angle-flanges at the edges of said polygon, panels of plaster-of-paris or stone placed between said radial ribs, and glass plates covering said panels, the edges of said glass plates and panels being covered by the said arrow-head angle-posts, substantially as described.

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

JOSEPH MITCHELL.

Witnesses:

JAMES C. SAWYER,  
HUGH H. CONLEY.