

No. 745,932.

PATENTED DEC. 1, 1903.

J. A. TORMEY.
FIRE KINDLER.

APPLICATION FILED JAN. 21, 1903.

NO MODEL.

Fig. 1.

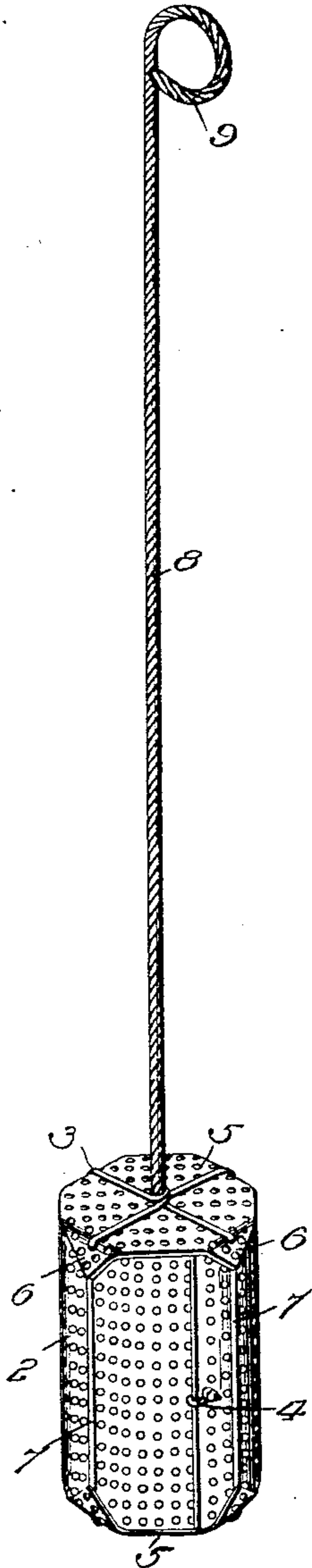


Fig. 2.

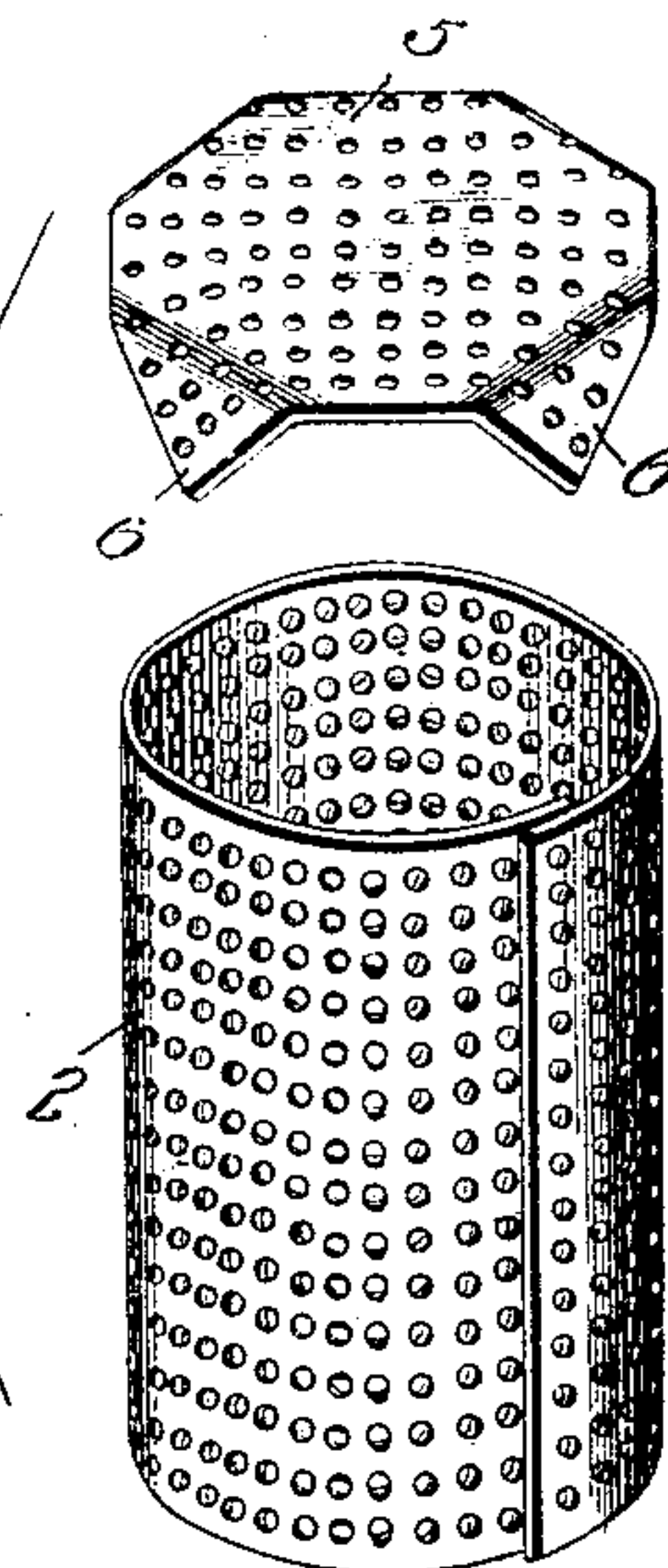
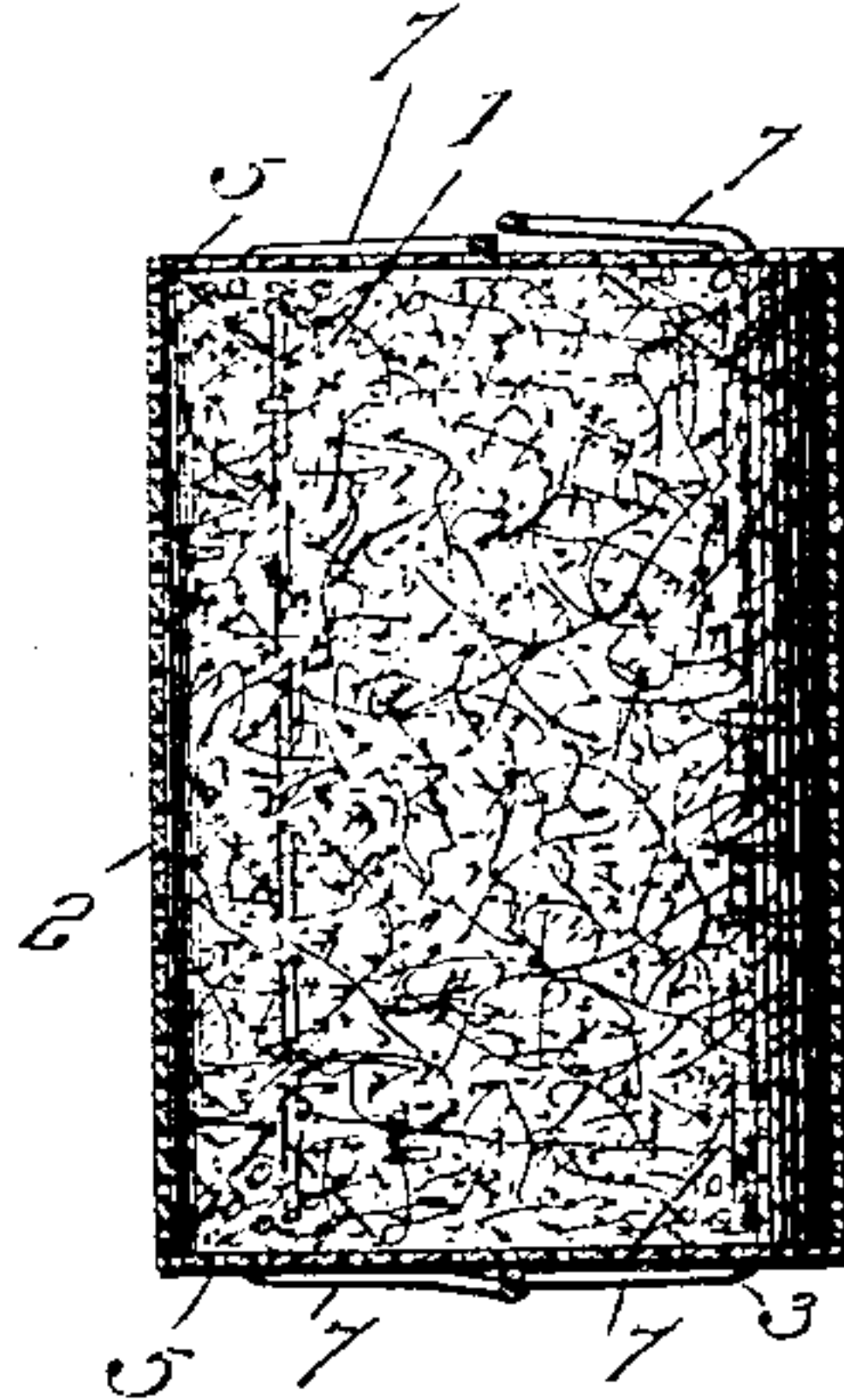


Fig. 3.

Inventor

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Witnesses

For Invention
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UNITED STATES PATENT OFFICE.

JAMES A. TORMEY, OF WINONA, MINNESOTA.

FIRE-KINDLER.

SPECIFICATION forming part of Letters Patent No. 745,932, dated December 1, 1903.

Application filed January 21, 1903. Serial No. 139,981. (No model.)

To all whom it may concern:

Be it known that I, JAMES A. TORMEY, of Winona, in the county of Winona and State of Minnesota, have invented certain new and useful Improvements in Fire-Kindlers; 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.

The object of this invention is to provide improved means for inclosing the absorbent core of a fire-kindler within its shield; and the improvement contemplates securing the ends of the shield to the body portion thereof by the cage within which the shield is inclosed.

The invention will be hereinafter fully set forth, and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view. Fig. 2 is a longitudinal section. Fig. 3 shows the foraminous shield and one of its ends separated.

Referring to the drawings, 1 designates the absorbent core, of mineral wool, fibrous asbestos, or other preferred material, inclosed circumferentially by a cylindrical shield 2, of foraminous material, accommodated by a cage 3. In the construction shown the shield 2 consists of a strip of foraminous sheet metal bent to form a cylinder, the meeting edges being connected at 4. The ends 5 of the cylinder are of the same material as the latter and preferably consist each of a single square piece or section of metal corresponding in width to the diameter of the cylinder, so that when placed over the latter there will be four approximately triangular-shaped corners 6, projecting beyond the plane of the cylinder.

The cage 3 comprises two loops 7, embracing the shield and disposed in right-angular planes. The respective loops are passed through the diametrically opposite corners 6 of each end 5, and the wires of which they

are composed are twisted together to form a handle 8, terminating in a ring 9. Upon bending the corners 6 inwardly the ends 5 present an approximately circular appearance, corresponding to the cylindrical portion of the shield.

The advantages of my invention are apparent. The absorbent core is completely inclosed and the manner of securing the ends to the cylinder is the embodiment of simplicity and durability. It will be noted that in the event of the ends 5 not fitting snug against the cylinder the handle may be given a tighter twist, resulting in contracting the loops and effectually closing the ends.

I claim as my invention—

1. A fire-kindler having an absorbent core, a cylindrical shield of foraminous material inclosing such core, end sections for said shield comprising foraminous plates having corners overlapping and bent against the cylindrical portion of said shield, and a cage comprising a plurality of loops inclosing said shield throughout its length and passed through said corner of said ends, as set forth.

2. As an article of manufacture, a fire-kindler having a core, a cylindrical shield of foraminous material inclosing such core, end sections for said shield consisting of foraminous plates, square and of width corresponding to the diameter of said cylindrical portion, and having corners projecting beyond the plane of the latter, and a cage comprising two loops inclosing said shield in right-angular planes, said loops being passed through the diametrically opposite corners of said end sections and twisted together to form a handle, as set forth.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

JAMES A. TORMEY.

Witnesses:

W. A. FINKELNBURG,
RICHARD A. RANDALL.