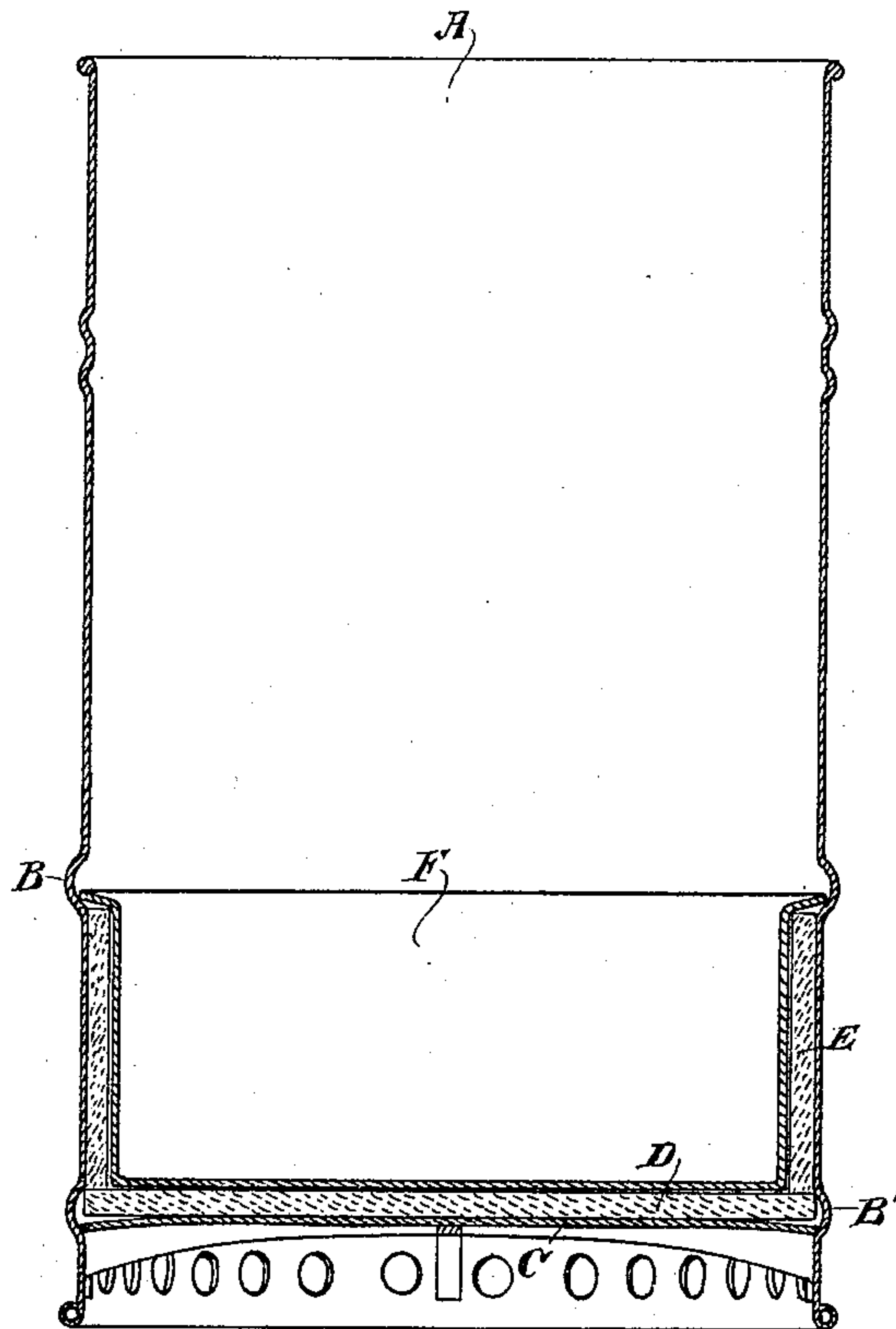


(No Model.)

S. M. SMITH.
SAFETY ASH RECEIVER.

No. 601,845.

Patented Apr. 5, 1898.



Witnesses,
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UNITED STATES PATENT OFFICE.

SIDNEY M. SMITH, OF SAN FRANCISCO, CALIFORNIA.

SAFETY ASH-RECEIVER.

SPECIFICATION forming part of Letters Patent No. 601,845, dated April 5, 1898.

Application filed June 4, 1897. Serial No. 639,462. (No model.)

To all whom it may concern:

Be it known that I, SIDNEY M. SMITH, a citizen of the United States, residing in the city and county of San Francisco, State of California, have invented an Improvement in Safety Ash-Receivers; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to improvements in that class of containers designed for ashes known as "ash-receivers;" and the object of my invention is to prevent the floor or other part of a building being ignited or damaged by heat conducted through the metal of the receiver when hot ashes or live coals are placed therein. I attain this object by means of an asbestos jacket between the exterior and interior sides and between the double bottoms of the receptacle.

In the accompanying drawing the figure is a vertical section through my receiver.

My invention consists of a receiver A, of circular or other suitable form, riveted or otherwise secured at its meeting edges and having the concavo-convex beads B and B' formed therein, as shown. The bottom C has a diameter rather larger than the interior of the receiver A, and the periphery is curved sufficiently to allow it to be introduced into the concavity of the lower bead, after which it is flattened or expanded, so as to be retained permanently in place, resting upon the lower part of the bead B' and thus forming the exterior bottom of the pan. The bottom C is slightly arched upward to better resist downward pressure, and, if desired, a supplemental brace may be fixed beneath it, extending in an arched form between the sides.

One or more sheets D of asbestos or other non-conducting substance is fitted upon the bottom C, practically extending into the concavity of the bead B' above the bottom C, and a cylindrical strip E of similar material is fitted around the interior of the receiver A, its lower edge resting upon the bottom sheet D.

F is an interior cylindrical pan with a bot-

tom and of such a diameter that it can be fitted snugly within the asbestos strip E and hold the latter in place. The upper edge of the part F is then expanded outwardly to lock it into the upper concave bead or channel B and thus retain it and the asbestos firmly in place without other fastening. This non-conducting lining material prevents the conduction of heat through the metal of the receiver, and if hot ashes or coals are carelessly placed therein it will prevent damage to the floor and burning the building, perhaps making a widespread and disastrous conflagration, by undue heating of the metal receiver.

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

1. An ash-receiver having offsets in its sides, a bottom for the receiver, arched upward to resist strain and having its edge expanded into one of said offsets, a second bottom of smaller diameter than the interior of the receiver and having its edge turned upward parallel with the sides of the receiver and expanded into the other offset, and a filling of non-heat-conducting material in the spaces between the bottoms and between the upturned edge of one bottom and the inner wall of the receiver.

2. An ash-receiver consisting of an exterior containing vessel, channels formed intermediate between the top and bottom edges, a bottom arched and having its edges expanded and locked into the lower channel, a second bottom of smaller diameter than the interior of the receiver with sides extending upwardly and the upper edge expanded and locked into the uppermost of the grooves or channels of the receiver, and a filling of non-conducting material continuous between the double bottoms and the double sides.

In witness whereof I have hereunto set my hand.

SIDNEY M. SMITH.

Witnesses:

W. J. STEWART,
R. H. GAY.