

No. 652,779.

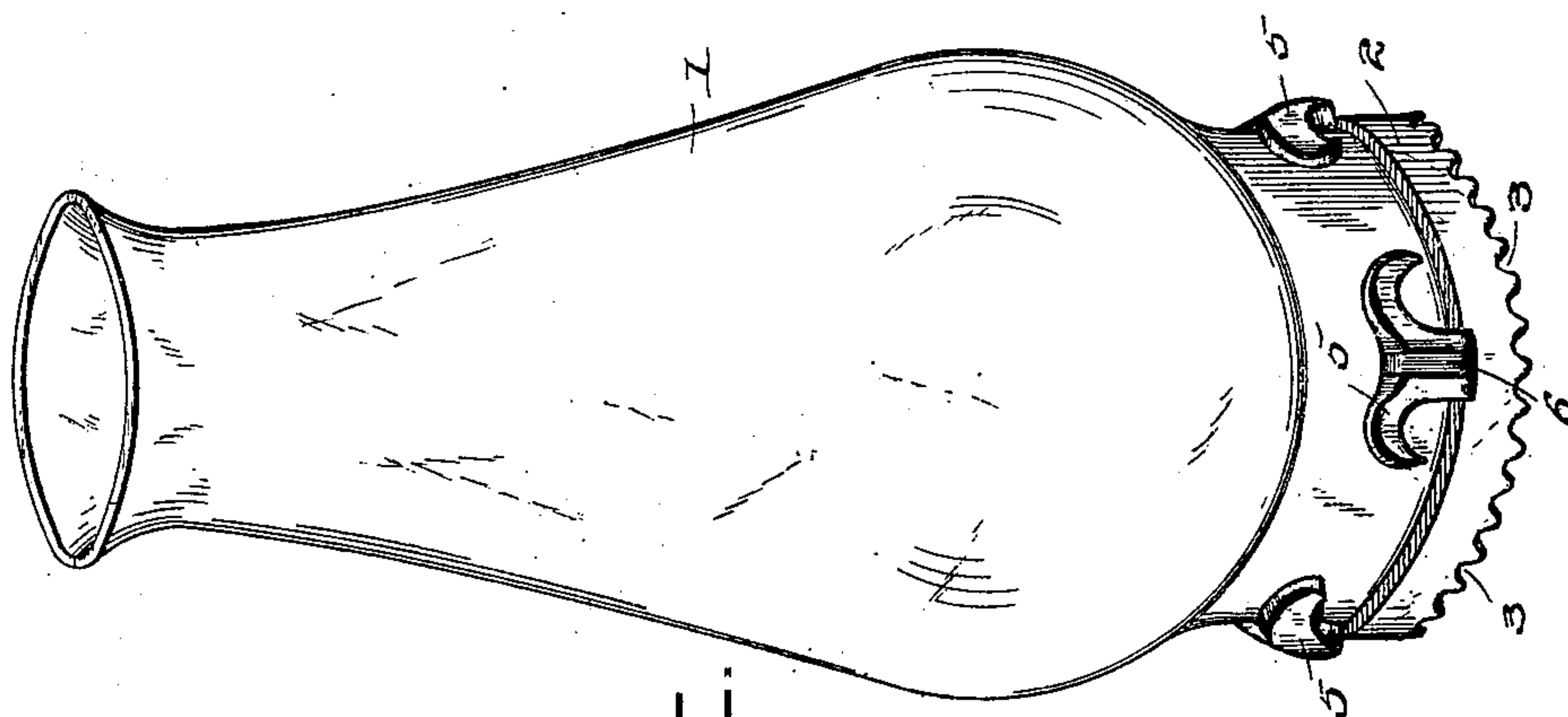
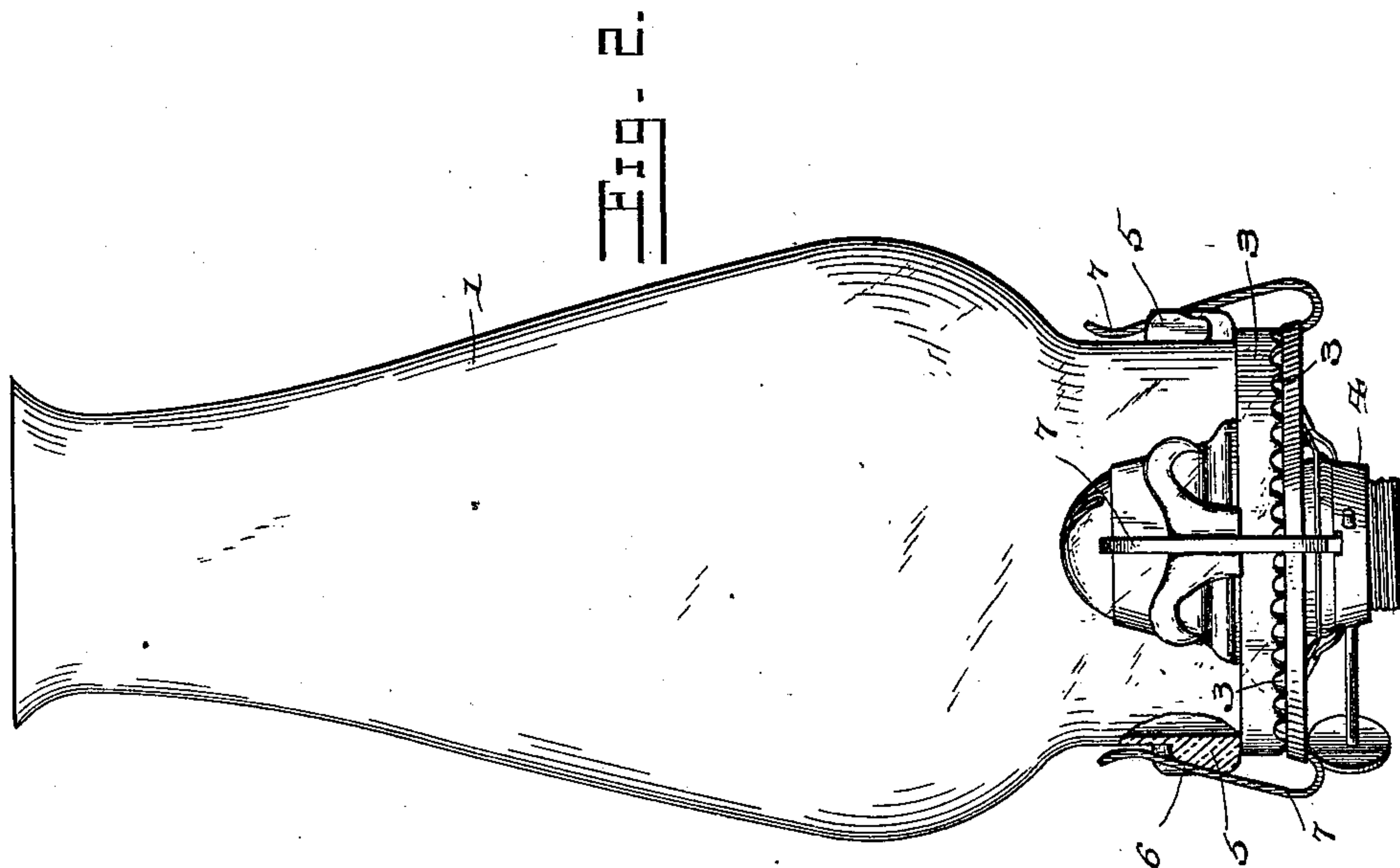
Patented July 3, 1900.

R. D. JAMISON.

LAMP CHIMNEY.

(Application filed Oct. 21, 1899.)

(No Model.)



Witnesses  
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# UNITED STATES PATENT OFFICE.

ROBERT D. JAMISON, OF CAMERON, MISSOURI.

## LAMP-CHIMNEY.

SPECIFICATION forming part of Letters Patent No. 652,779, dated July 3, 1900.

Application filed October 21, 1899. Serial No. 734,366. (No model.)

*To all whom it may concern:*

Be it known that I, ROBERT D. JAMISON, a citizen of the United States, residing at Cameron, in the county of Clinton and State of Missouri, have invented a new and useful Lamp-Chimney, of which the following is a specification.

The invention relates to improvements in lamp-chimneys.

The object of the present invention is to improve the construction of lamp-chimneys and to enable the same to be more securely interlocked in engagement with a burner and to afford ventilation at the base of the chimney to increase the brilliancy of the light.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claim hereto appended.

In the drawings, Figure 1 is a perspective view of a lamp-chimney constructed in accordance with this invention. Fig. 2 is a side elevation, partly in section, illustrating the manner of interlocking the chimney with a burner.

Like numerals of reference designate corresponding parts in both figures of the drawings.

1 designates a lamp-chimney provided at its lower edge with a bead or rib 2, consisting of an exterior enlargement and provided with a scalloped lower edge, forming a series of notches or recesses 3 and providing ventilating openings or spaces when the chimney is arranged on a burner 4, as clearly illustrated in Fig. 2 of the accompanying drawings, to permit air to pass from the exterior of the chimney to the interior thereof to provide complete combustion, whereby the size and brilliancy of the light are increased. The chimney rests upon the projection formed by the recesses or notches 3, and it is provided at intervals above the annular rib or bead 2 with ornamental bosses or enlargements 5, which may be of any desired configuration. The bosses or enlargements 5, which are located directly above the rib or bead 2, are provided with central vertical recesses or grooves 6,

having inclined rear walls, as illustrated in Fig. 2 of the accompanying drawings, and adapted to receive the resilient arms or springs 7 of the burner 4, whereby the chimney is firmly interlocked with the burner and is prevented from becoming displaced. The inclined rear or inner walls of the vertical grooves 6 conform to the general inclination of the resilient arms or springs 7 of the burner and are securely clamped by the same, and the side walls formed by the said grooves 6 engage the edges of the arms or springs 7 and prevent the chimney from rotating or moving laterally. By this construction the chimney is firmly clamped on the burner and is prevented from tilting laterally in either direction, so that there is no liability of it accidentally falling off or breaking.

The interlocking action of the springs of the burner of the chimney is sufficiently great to retain the chimney on the burner, even though the parts be inverted. The rib and the ornamental enlargements at the base of the chimney increase the strength and durability of the same, and as the ventilating-openings permit the passage of air to the exterior of the chimney there is no liability of the lower portions of the same becoming unequally heated, and the expansion of the parts will be gradual and uniform, so that the chimney will not break by reason of its increased thickness.

The chimney, as will be readily understood, may be of any desired configuration, and the upper edge may be beaded or ornamented in any manner, if desired.

It will be seen that the chimney is exceedingly simple and inexpensive in construction, that it provides ventilating-openings which permit air to pass to its interior, and that the brilliancy of the light will be increased, owing to the complete combustion. It will also be apparent that the durability and life of a chimney will be greatly increased, as it is firmly interlocked with the burner and cannot accidentally fall therefrom and break.

What is claimed is—

A lamp-chimney provided on its exterior with enlargements or bosses having upwardly-



extending grooves forming inclined rear walls  
to be engaged by the springs or arms of a  
burner, and provided with side walls adapted  
to engage the side edges of such springs or  
5 arms, whereby the chimney is held against  
the burner and is prevented from moving lat-  
erally, substantially as described.

In testimony that I claim the foregoing as  
my own I have hereto affixed my signature in  
the presence of two witnesses.

ROBERT D. JAMISON.

Witnesses:

OTTO E. BLOOD,  
J. W. PARY.