

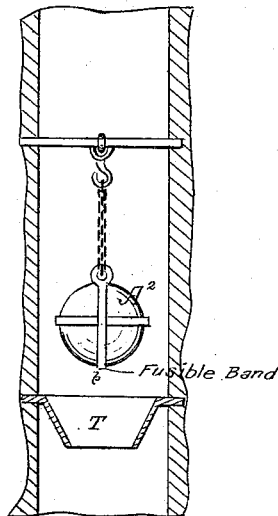
(No Model.)

D. PUTZEYS.

FIRE EXTINGUISHER FOR CHIMNEYS.

No. 345,447.

Patented July 13, 1886.



WITNESSES:

*John A. Kemmer*  
*Alfred A. Pettit*

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*D. Putzeys*  
BY *Munn & Co*

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

DÉSIRÉ PUTZEYS, OF BRUSSELS, BELGIUM.

## FIRE-EXTINGUISHER FOR CHIMNEYS.

SPECIFICATION forming part of Letters Patent No. 345,447, dated July 13, 1886.

Application filed April 20, 1885. Serial No. 162,811. (No model.) Patented in Belgium February 28, 1885, No. 68,032, March 25, 1885, No. 68,300, and April 22, 1885, No. 68,600; in France March 21, 1885, No. 167,798; in England March 27, 1885, No. 3,945; in Germany April 2, 1885, No. 32,670; in Austria-Hungary April 24, 1885, No. 15,759 and No. 36,036; in Spain May 3, 1885, No. 5,072, and in Italy May 5, 1885, No. 18,324.

*To all whom it may concern:*

Be it known that I, DÉSIRÉ PUTZEYS, of the city of Brussels, Belgium, have invented a new and useful Improvement in Fire-Extinguishers for Chimneys, (for which I have obtained Letters Patent of the following countries, viz: Belgium February 28, 1885, No. 68,032, March 25, No. 68,300, and April 22, No. 68,600; France March 21, 1885, No. 167,798; Germany April 2, 1885, No. 32,670; Great Britain March 27, 1885, No. 3,945; Austria-Hungary April 24, 1885, No. 15,759; Spain May 3, 1885, No. 5,072, and Italy May 5, 1885, No. 18,324,) of which the following is a full, clear, and exact description.

My invention consists in the construction and arrangement of parts, as will be herein-after fully described and claimed.

The figure shows in side elevation my improved extinguisher suspended from a cross-bar in a chimney over an apertured plate, the plate and chimney being in section.

A<sup>2</sup> represents the sphere suspended within the chimney by a chain, which is connected at its upper end to a hook secured to a cross-bar embedded at its ends in the masonry. Bands *p* are passed around the ball in line with its vertical and horizontal axes, respectively, and to one band is affixed an eye, which is in turn connected to the lower end of the chain.

Below the sphere the plate T, having a funnel-shaped opening, is secured to the masonry, and as the walls of the opening incline downward and inward, the sphere will be centered therein upon the severance of the bands *a*<sup>2</sup> by the flame or heat in the chimney.

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

1. The fire-extinguisher herein shown and described, the same consisting in the plate T, having the funnel-shaped opening, the cross-bar above said plate, the sphere provided with crossed bands adapted to be severed, one of the bands being connected to the cross-bar, substantially as set forth.

2. In a fire-extinguisher for chimneys, the sphere A<sup>2</sup>, having fusible bands encircling it in planes at right angles to each other, and an attaching-eye on one band, substantially as set forth.

The foregoing specification of my improvement in fire-extinguishers for chimneys signed by me this 26th day of March, 1885.

DÉSIRÉ PUTZEYS.

Witnesses:

AUG. FORISSEN,  
EMILE NUYT.