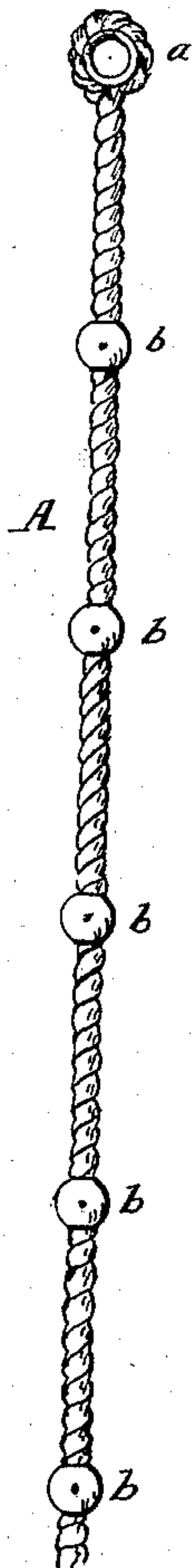


M. KERTSON.  
Fire-Escape.

No. 198,026.

Patented Dec. 11, 1877



Attest:

*Fred Benjamin*  
*Howard Jewell*

*Inventor*

*M. Kertson*  
*By his atty*  
*Oliver Drake*

# UNITED STATES PATENT OFFICE.

MARCELLUS KERTSON, OF NEWARK, NEW JERSEY.

## IMPROVEMENT IN FIRE-ESCAPES.

Specification forming part of Letters Patent No. **198,026**, dated December 11, 1877; application filed May 3, 1877.

*To all whom it may concern:*

Be it known that I, MARCELLUS KERTSON, of the city of Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Fire-Escapes; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The nature and object of this invention are the construction of a cheap and reliable fire-escape, which shall be always ready for immediate use, and adapted to be permanently secured to the windows of a hotel or dwelling, &c., or to be carried in a trunk or valise when traveling, and secured to a window at a moment's notice when an emergency may require it.

The nature and character of my invention are illustrated in the accompanying drawing, and consist in a rope or light chain, A, provided at one end with an eye, *a*, or other suitable device, such as a hook or dog, by which to secure it to the window frame or sill, and the balls *b*, which are firmly and permanently secured to the rope or chain at intervals of

about eighteen inches throughout its entire length.

By means of this device an individual may readily and with perfect safety escape from a burning building to the ground, the balls *b* affording a secure hold and preventing the hands from slipping, as will be readily understood. It is also susceptible of being folded into a small and compact form, so as to occupy but little space, whether as a permanent fixture or to be carried about from place to place while traveling.

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

A fire-escape, consisting of a rope provided with suitable attaching mechanism at one or both ends, and along its length with wooden balls formed with rounded ends, and with an opening for the passage of the rope, and secured in place by pins extending through the ball and rope, substantially as set forth.

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

MARCELLUS KERTSON.

Witnesses:

OLIVER DRAKE,  
P. J. INSLEE.