

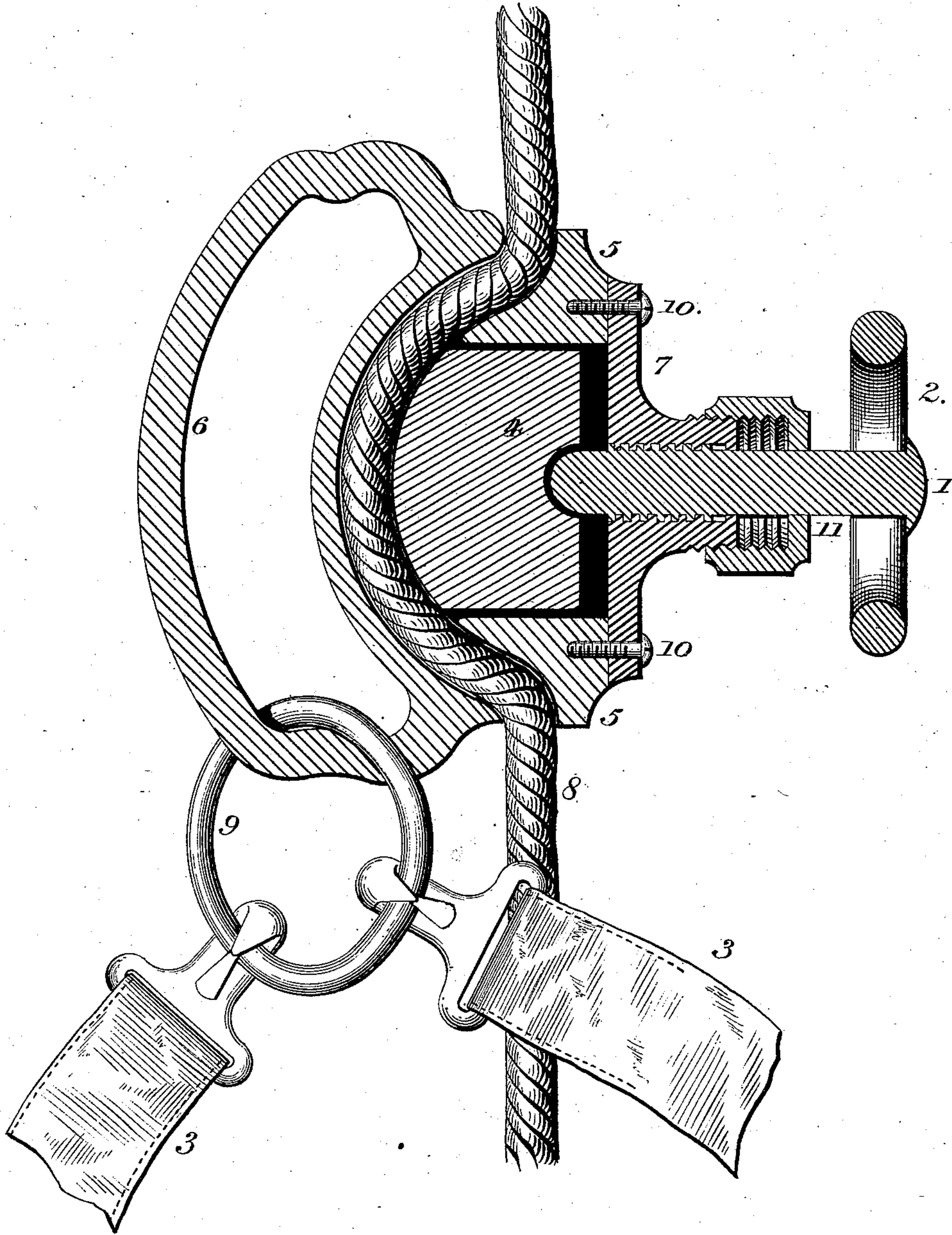
(No Model.)

W. C. PARSELS.

FIRE-ESCAPE.

No. 287,856.

Patented Nov. 6, 1883.



Witnesses:  
William Base  
John Van Horn

Inventor:  
W. C. Parsels



# UNITED STATES PATENT OFFICE.

WILLIAM C. PARSELS, OF ELLENVILLE, NEW YORK.

## FIRE-ESCAPE.

SPECIFICATION forming part of Letters Patent No. 287,856, dated November 6, 1883.

Application filed February 5, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, WM. C. PARSELS, a citizen of the United States, residing at Ellen-ville, in the county of Ulster and State of New York, have invented a new and useful Im-  
5 improvement in Fire-Escapes, of which the fol-  
lowing is a specification.

The object of my invention is to furnish a  
light, compact, and strong fire-escape, which  
10 travelers can carry with them with little bur-  
den, and others can have them near in high  
buildings in case of fire; and I do hereby de-  
clare this to be a full, clear, and exact descrip-  
tion of the same, reference being had to the ac-  
15 companying drawing, which forms a part of  
this specification.

The nature of my invention consists of a  
metal tube with the peculiar and continual  
binding-surface on the rope to be used in  
20 connection with said tube, as hereinafter de-  
scribed.

The figure represents a vertical section,  
where all the parts of my invention are seen.

Spindle 11 operates against the tongue 4, be-  
25 ing regulated by wheel 2. To increase or  
lessen the friction against the head or tube 5,  
I use a firm flax rope, 8.

6 is a handle cast with the tube or head as a  
whole. 7 is a cover, which closes in tongue 4,  
30 which same has a concave face which partly  
spans rope 8. 9 is a ring, which slides around  
handle 6, and will hang near either end of tube  
5, to snap the belt 3 fast to. 10 10 are the  
screws, which hold the cover 7 fast to tube 5.

35 The operation of my improved fire-escape is  
as follows: Make fast one end of rope to bed-  
stead or anything else that will resist one's

weight. Then (by having the tube near the  
end of rope made fast) cast out the rope to the  
ground, slide the tube to the window and screw  
it tight, encircle the body close under the arms  
with belt 3, and snap it in ring 9. Slide out  
window with face toward the building, then  
make descent by loosening tension by wheel 2,  
which lets the tube slide over the rope 8. 4  
Trips from high buildings can be repeated by  
different persons by drawing the escape up  
again after one has made the descent, and  
throwing out the end of rope first made fast,  
and making fast the end first thrown out, for  
5 when the ring 9 slides around handle 6 the es-  
cape is in the same position as at first. Should  
a fainted person, or child not capable of regu-  
lating the escape, be lowered, swing them off  
and open wheel 2 just enough to have them move  
6 off, and the friction heating the metal will ex-  
pand the same enough to close channel enough  
to overcome nearly the extra velocity gained  
by their descent toward the ground, so that  
they would land in comparative safety.

I am aware there are metallic frictional fire-  
escapes, and do not claim the whole of my ar-  
rangement as new.

What I claim, and desire to secure by Let-  
ters Patent, is—

The combination of tongue 4, head or tube  
5, and wheel 2, spindle 11, rope 8, and strap  
3, with loose ring 9, all the parts being con-  
structed and operating substantially as and for  
the purpose specified.

WM. C. PARSELS.

Witnesses:

JOHN VAN HORN,  
WILLIAM BASE.