

No. 752,004.

PATENTED FEB. 9, 1904.

F. SIMONS.  
LUGGAGE CARRIER FOR VEHICLES.

APPLICATION FILED DEC. 17, 1902.

NO MODEL.

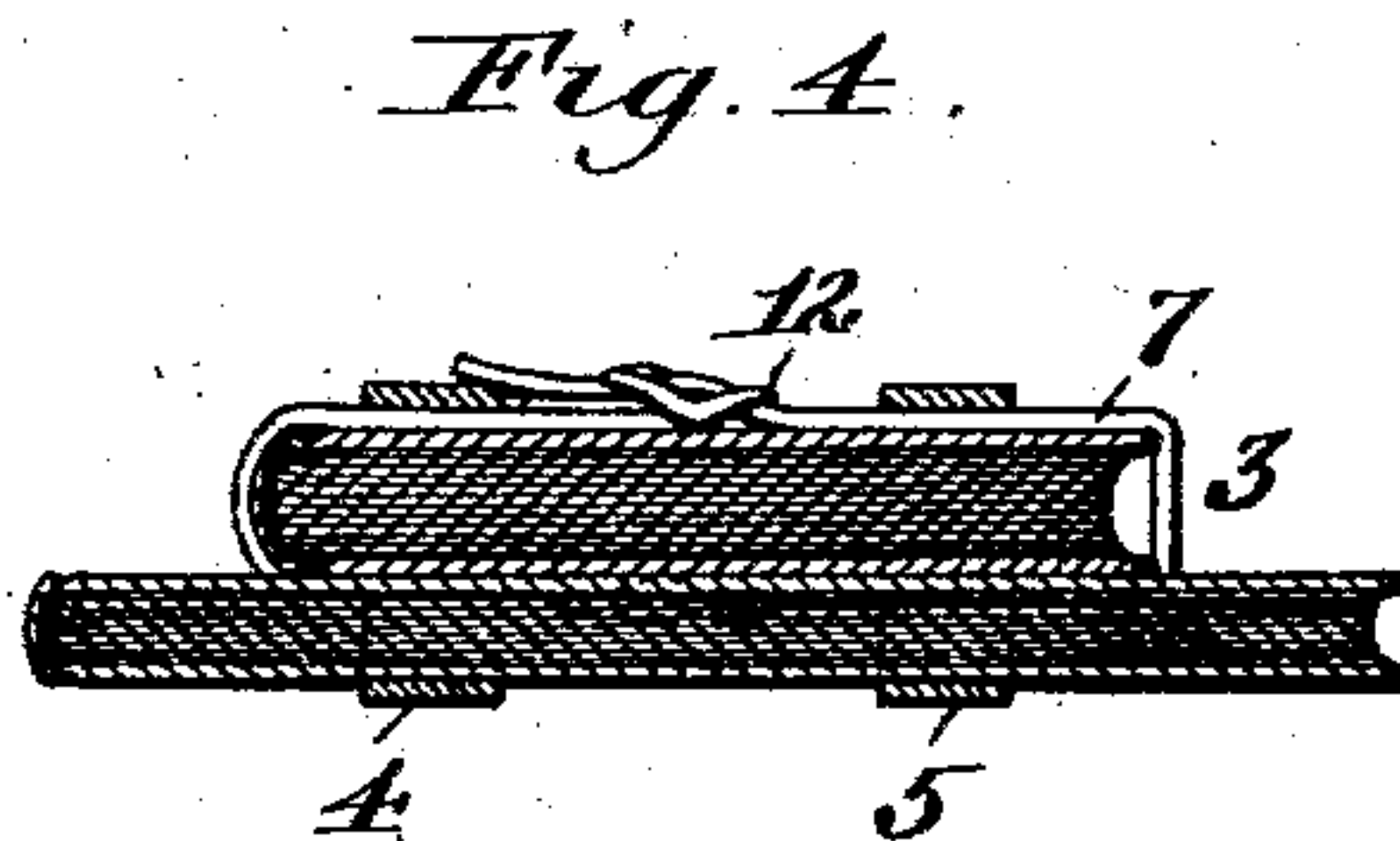
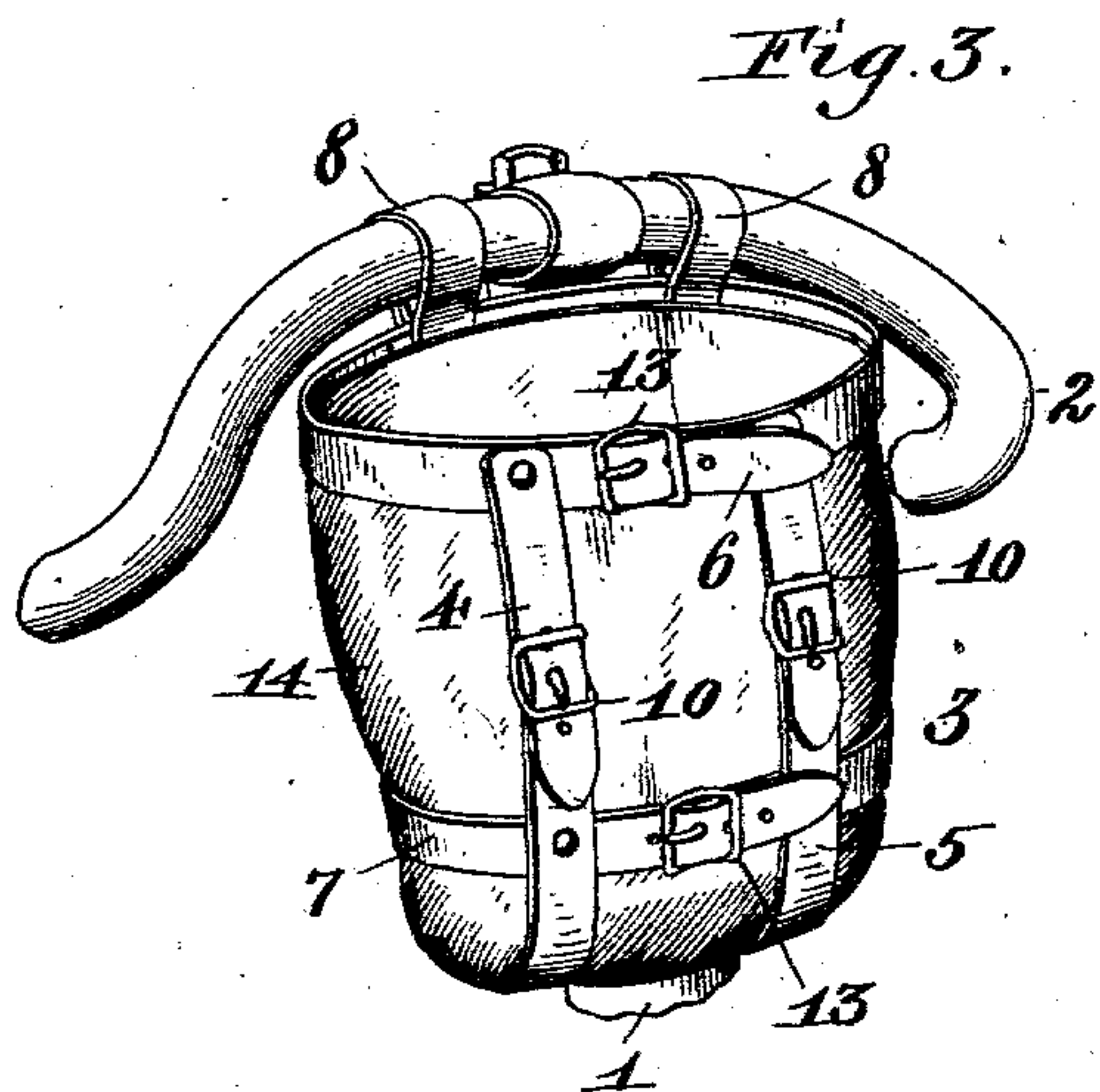
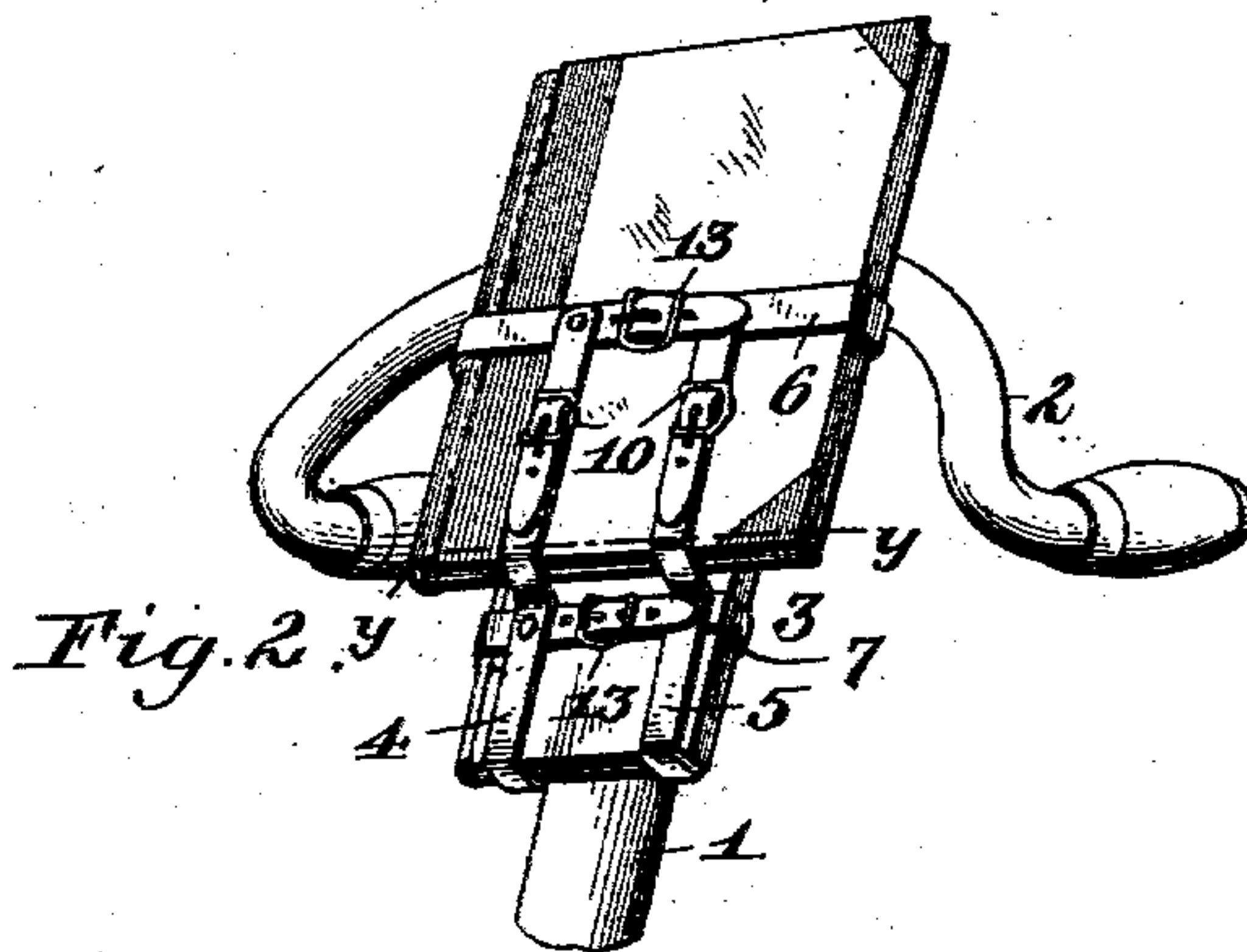
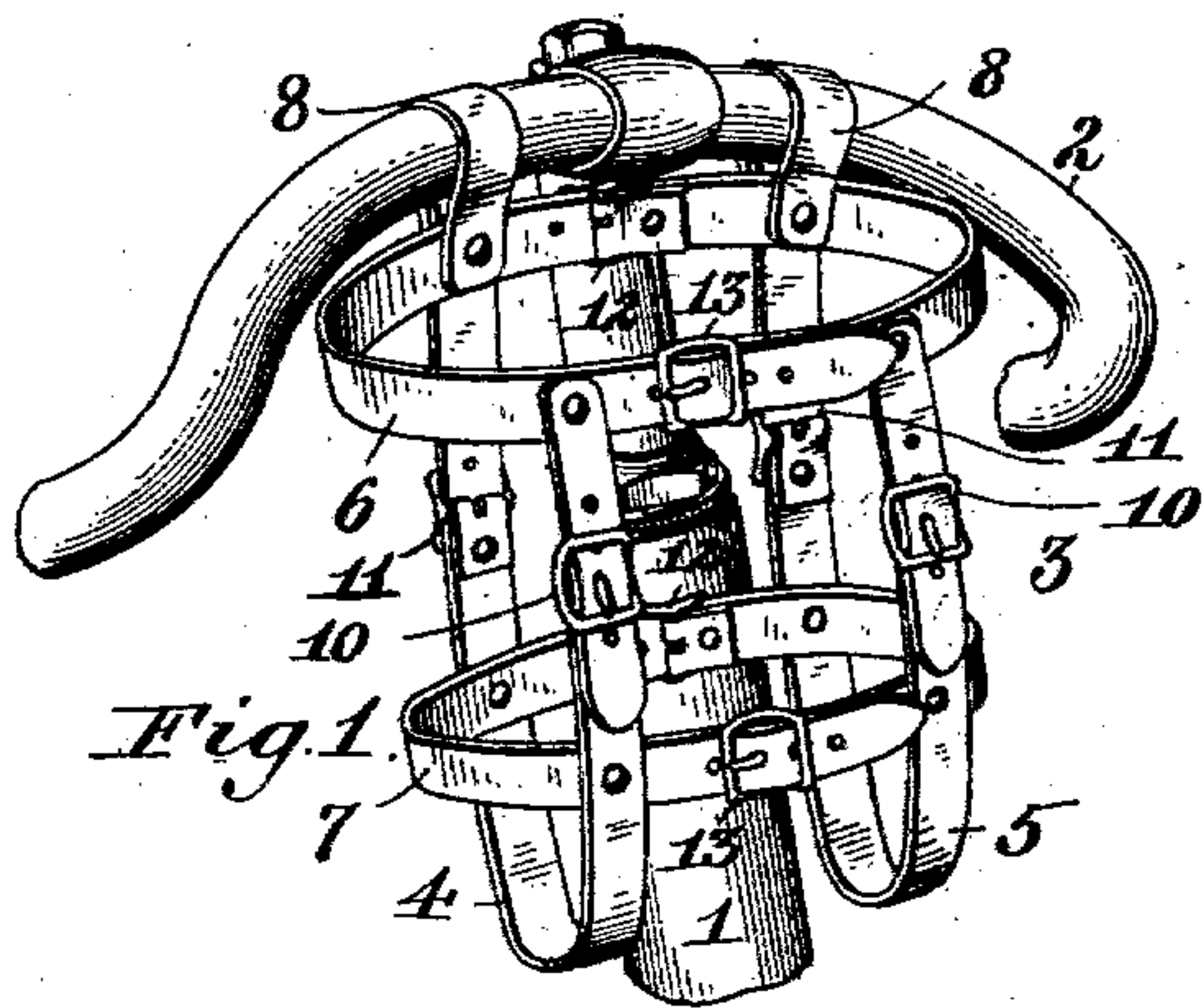
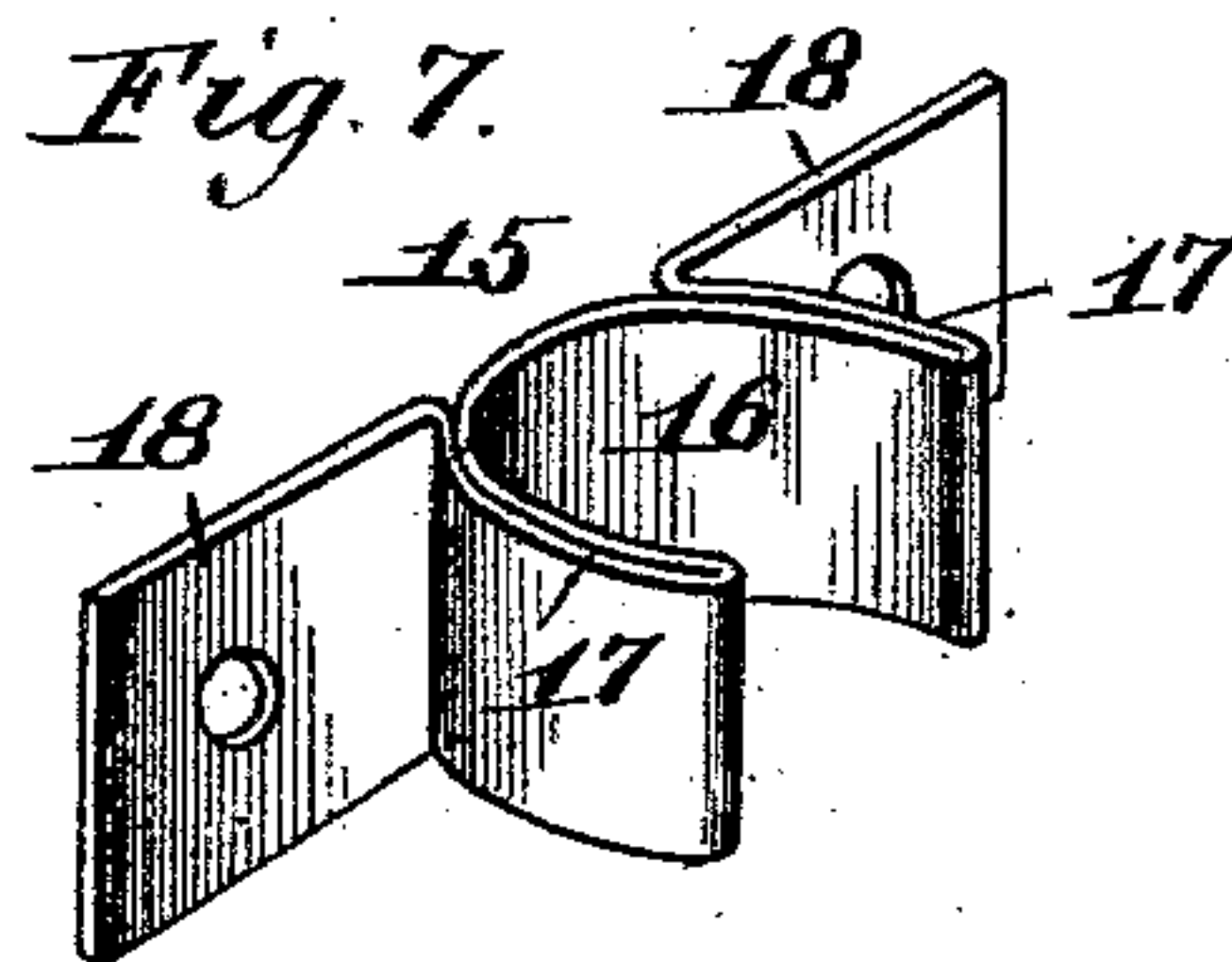
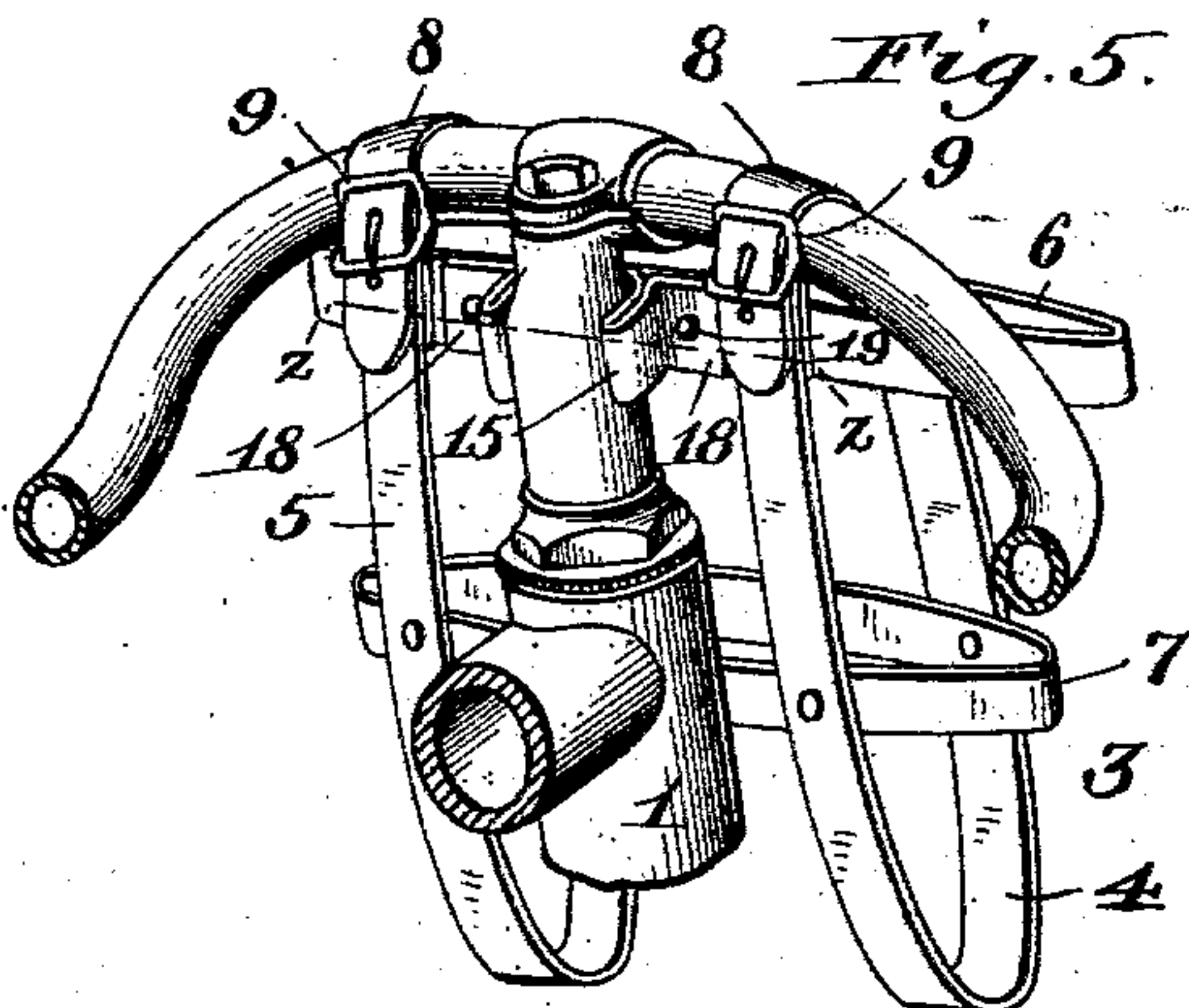
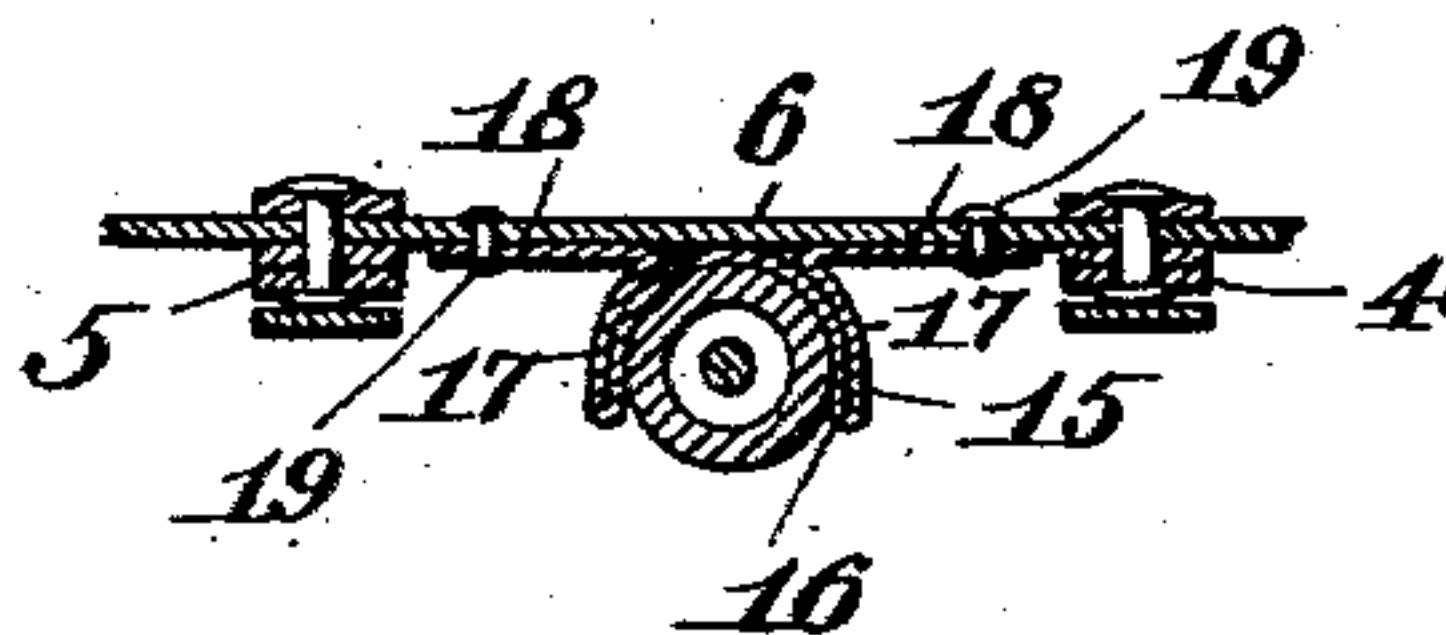


Fig. 6.



Witnesses:  
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# UNITED STATES PATENT OFFICE.

FRANK SIMONS, OF BUFFALO, NEW YORK.

## LUGGAGE-CARRIER FOR VEHICLES.

SPECIFICATION forming part of Letters Patent No. 752,004, dated February 9, 1904.

Application filed December 17, 1902. Serial No. 135,602. (No model.)

*To all whom it may concern:*

Be it known that I, FRANK SIMONS, a citizen of the United States, residing at Buffalo, in the county of Erie and State of New York, have  
5 invented certain new and useful Improvements in Luggage-Carriers for Vehicles, of which the following is a specification.

This invention relates to luggage-carriers for vehicles, but more particularly to that  
10 class of such carriers as are adapted for use on bicycles.

The object of my invention is to provide a cheap, light, and durable carrier of this class which can be conveniently and quickly at-  
15 tached to or detached from the bicycle, which is adjustable to carry parcels and books of different sizes, and which can be rolled into a very small space and conveniently carried in the pocket of the rider when not in use.

Other objects are to provide a luggage-carrier which can be conveniently supported on the handle-bars of a bicycle so as to be out of the way of the rider, which will not interfere in the least with the free and easy steering of  
25 the bicycle, and wherein a bag may be conveniently held to carry small articles in bulk.

With these objects in view the invention consists of two vertical straps doubled to form open-loop supporting-straps and two closed  
30 horizontal loop-straps, to which the vertical loop-straps are riveted or otherwise secured. The ends of the vertical straps are riveted or otherwise secured to the upper horizontal loop-strap. Each strap is provided with two  
35 buckles to permit of adjusting the carrier to the size of the article to be carried.

It also consists in the peculiar construction, arrangement, and combination of parts, as will be hereinafter more particularly de-  
40 scribed, and pointed out in the appended claims.

In the drawings, Figure 1 is a perspective view of my improved luggage-carrier attached to the handle-bars of a bicycle. Fig. 2 is a  
45 similar view showing the same adjusted to support a small book and a large book at the same time. Fig. 3 is also a similar view of the carrier; but in this instance a bag is held in the same. Fig. 4 is a horizontal section  
50 taken on line *y y*, Fig. 2. Fig. 5 is a per-

spective view of a modified form of my invention looking at the carrier from the rear. Fig. 6 is a horizontal section taken on line *z z*, Fig. 5. Fig. 7 is an enlarged detached perspective view of the retaining-clip, which em-  
55 braces the steering-head.

Referring to the drawings in detail, like numerals of reference refer to like parts in the several figures.

The numeral 1 designates the steering-head  
60 of a bicycle, and 2 the handle-bars thereof.

The carrier, considered as a whole, is designated by the numeral 3 and comprises two vertical supporting-straps 4 and 5, doubled upon themselves to form open-loop supports  
65 for the articles to be carried. To the ends of these straps a horizontal loop-strap 6 is riveted or otherwise secured, and between the ends and the bottom of the open-loop straps 4 and 5 a second horizontal loop-strap 7 is riveted or  
70 otherwise secured. Secured to the upper horizontal loop-strap, preferably at the points of connection thereof with the rear strands of the vertical open-loop straps, are two small  
75 loops 8, which are adapted to encircle the handle-bars of the bicycle and securely hold the carrier thereto, a buckle 9 being provided in each loop for conveniently attaching the carrier to or detaching the same from the bicycle.

In order to adjust the various straps to the  
80 article to be carried, I provide each vertical loop-strap with two buckles 10 and 11, the buckles 10 being located in the front portion of the said straps between the two horizontal loop-straps and the buckle 11 being located  
85 in the rear portion of the same, likewise between the two horizontal loop-straps. Each horizontal loop-strap is provided with two buckles 12 and 13, the buckles 12 being located in the rear portion of said loops between  
90 the rear portions of the vertical loop-straps, and the buckles 13 being located in the front portion of the said loop-straps between the front portions of the vertical loop-straps. By means of the buckles 12 and 13 the size of the  
95 horizontal loop-straps can be adjusted to fit the width or thickness of the article to be carried, and by means of the buckles 10 and 11 the distance between the two horizontal loop-  
100 straps, or between the upper horizontal loop-



strap and the lower end of the vertical loop-straps, can be adjusted to fit the height of the article to be carried.

As shown in Fig. 2, the lower horizontal loop may be reduced in size to retain or surround a small article supported on the lower curved ends of the vertical loop-straps, and the upper horizontal loop may be increased in size to retain or surround a large article supported on the lower horizontal loop.

As shown in Fig. 3, a bag 14 is held in the carrier, wherein small articles may be conveniently carried in bulk.

To the rear face of the upper loop-strap a retaining-clip 15 is riveted, said clip consisting of a strip of metal bent between its ends into a U-shaped portion 16, thence being bent upon itself along the sides of said U-shaped portion, as at 17, and finally terminating in the lateral extensions 18, through which and the strap of the upper loop the rivets 19 pass to secure the clip to the carrier. This clip embraces the steering-head and prevents lateral movement of the carrier on the bicycle.

In Fig. 5 of the drawings I have shown the carrier with the several adjusting-buckles omitted.

In practice I have found leather straps to be best adapted for this invention; but any other material suitable for the purpose may be used, if desired.

Having thus described my invention, what I claim is—

1. A luggage-carrier comprising two vertical open-loop straps, an upper and a lower horizontal loop-strap secured to the said vertical open-loop straps, and attaching-loops secured to the upper horizontal loop-straps.

2. A luggage-carrier comprising two vertical open-loop straps, means for adjusting the same to conveniently support an article, two horizontal closed loop-straps secured to said vertical open-loop straps, and means for supporting the carrier.

3. A luggage-carrier comprising two vertical open-loop straps, means for adjusting the loops in size to fit the article to be carried, two horizontal closed loop-straps secured to said vertical loop-straps, and means for adjusting said horizontal loop-straps to any size.

4. A luggage-carrier comprising two ver-

tical loop-straps open at the top, a closed horizontal loop-strap secured to the ends of said vertical loop-straps, a second closed horizontal loop-strap secured to said vertical loop-straps between the lower ends thereof and the first-mentioned horizontal loop-strap, a buckle secured to each of said loop-straps whereby the article to be carried may be conveniently placed in the carrier and securely held.

5. A luggage-carrier comprising two vertical loop-straps open at the top, a closed horizontal loop-strap secured to the ends of said vertical loop-straps, a second closed horizontal loop-strap secured to said vertical loop-straps between the lower ends thereof and the first-mentioned horizontal loop-strap, two buckles secured to opposite points of each loop-strap, whereby the carrier may be adjusted in size in two directions to fit the article to be carried.

6. A luggage-carrier comprising two vertical loop-straps open at the top, a closed horizontal loop-strap secured to the ends of said vertical loop-straps a second closed horizontal loop-strap secured to said vertical loop-straps between the lower ends thereof and the first-mentioned horizontal loop-strap, and a clip secured to the rear of the first-mentioned horizontal loop-strap and adapted to embrace the steering-head of a bicycle to prevent lateral movement of the carrier thereon.

7. A luggage-carrier comprising two vertical loop-straps open at the top, a closed horizontal loop-strap secured to the ends of said vertical loop-straps, a second closed horizontal loop-strap secured to said vertical loop-straps between the lower ends thereof and the first-mentioned horizontal loop-strap, means to permit of enlarging or lessening the size of the horizontal loop-straps to the same or different sizes, whereby small articles may be held by the second-mentioned horizontal loop-strap and larger articles may be held by the first-mentioned horizontal loop-strap.

In witness whereof I have affixed my signature in the presence of two subscribing witnesses.

FRANK SIMONS.

Witnesses:

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CHAS. F. BURKHART.