

No. 610,404.

Patented Sept. 6, 1898.

D. G. KNITTEL.  
PACKAGE CARRIER FOR BICYCLES.

(Application filed Sept. 13, 1897.)

(No Model.)

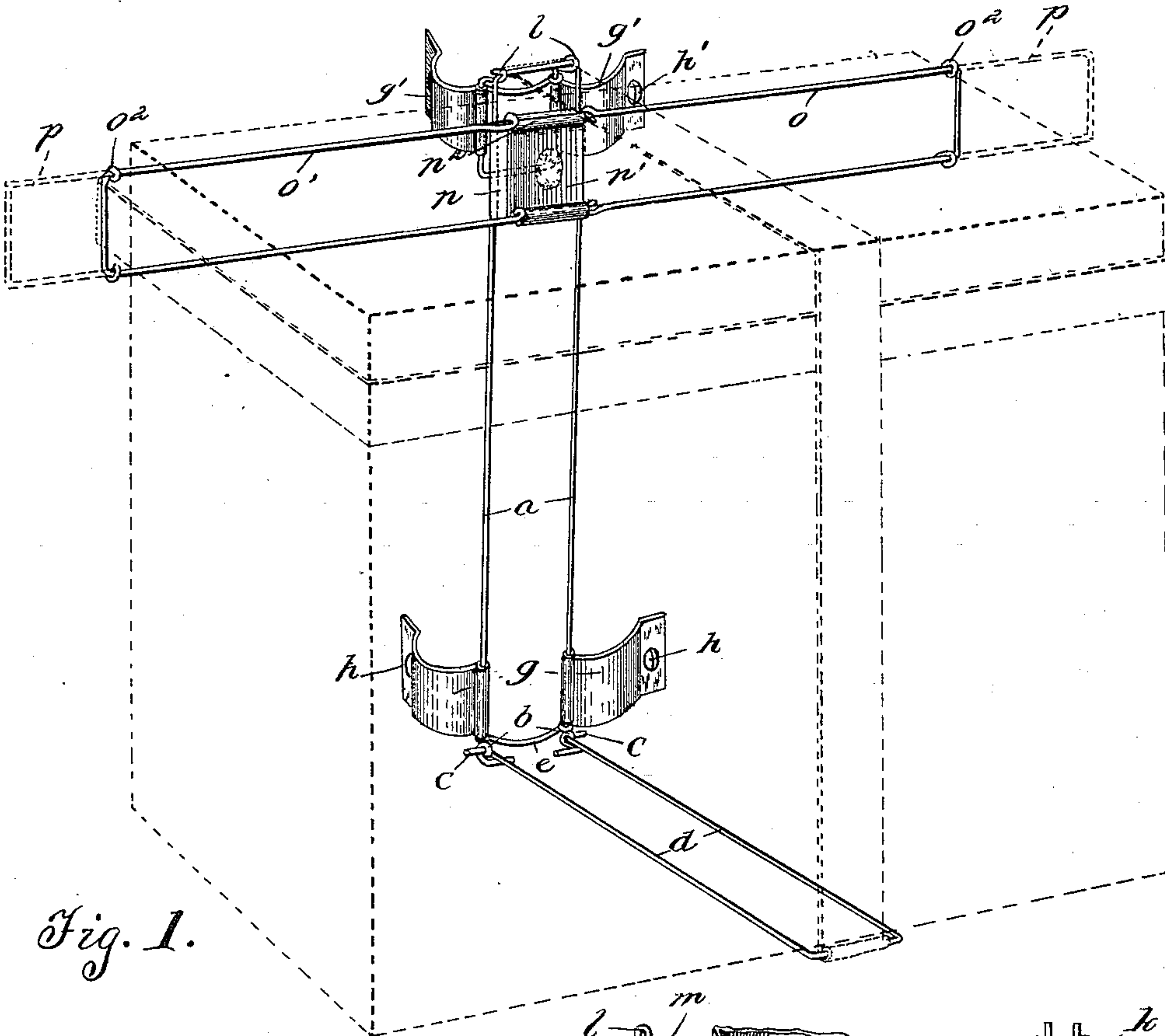


Fig. 1.

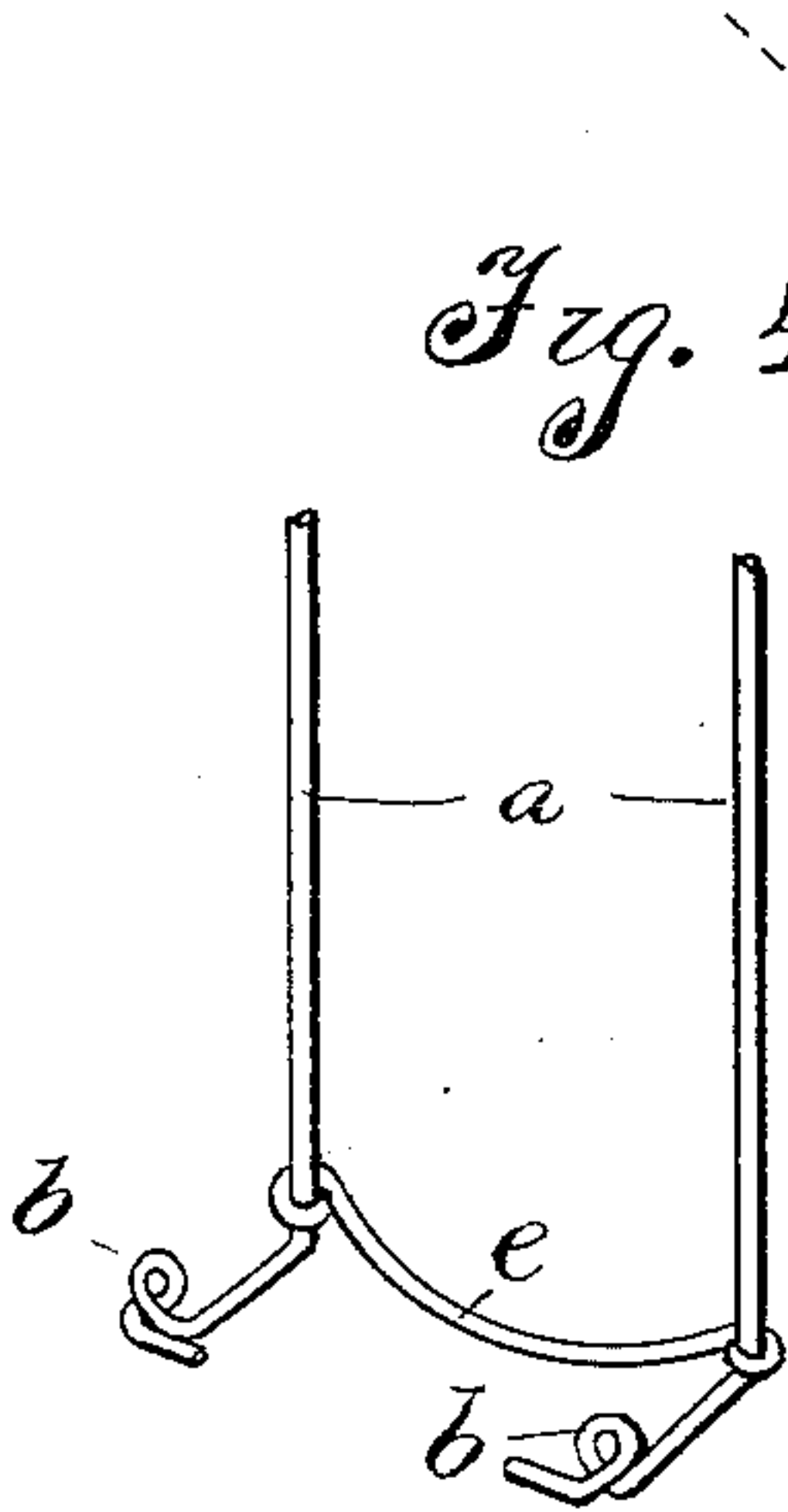


Fig. 4.

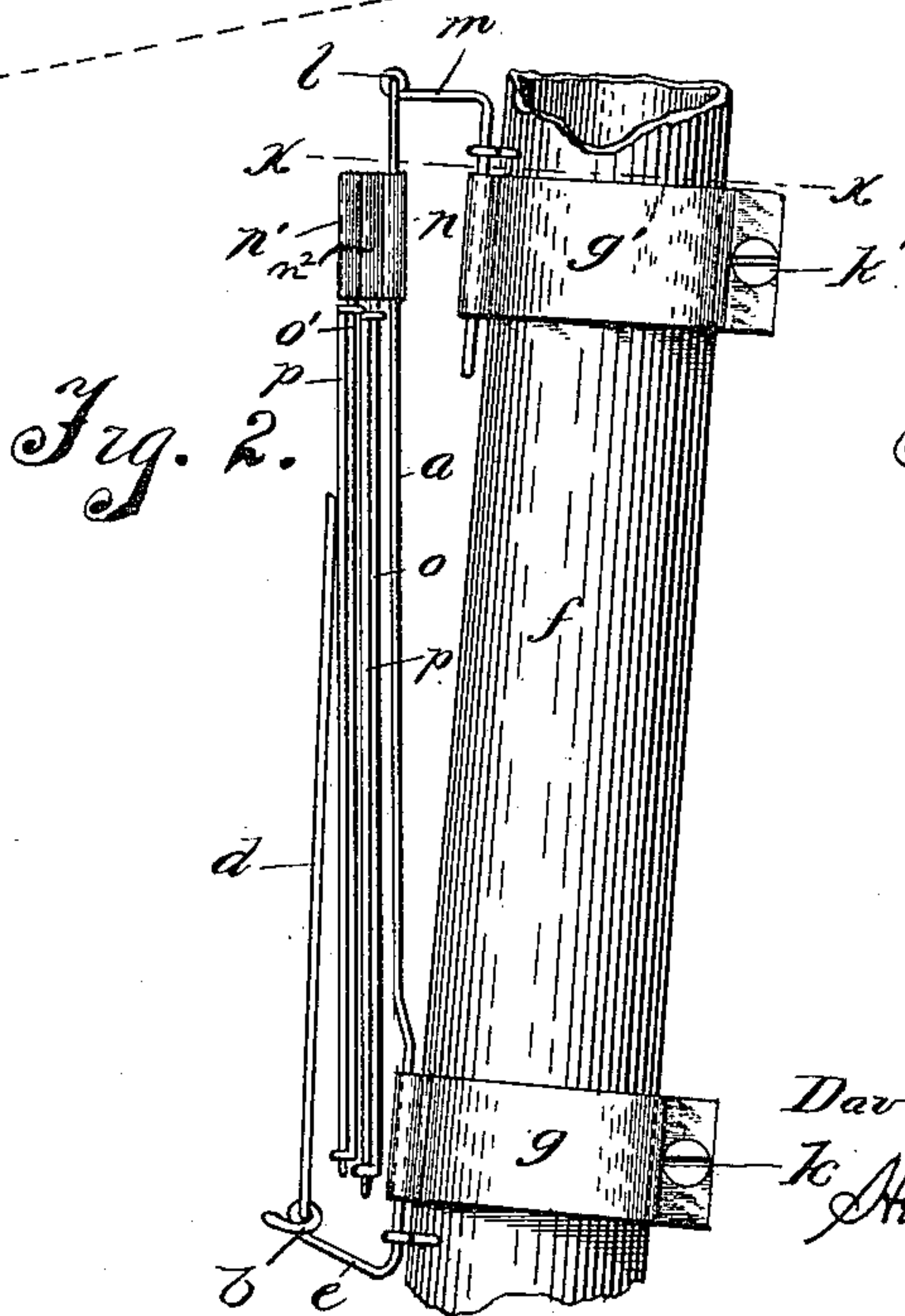


Fig. 2.

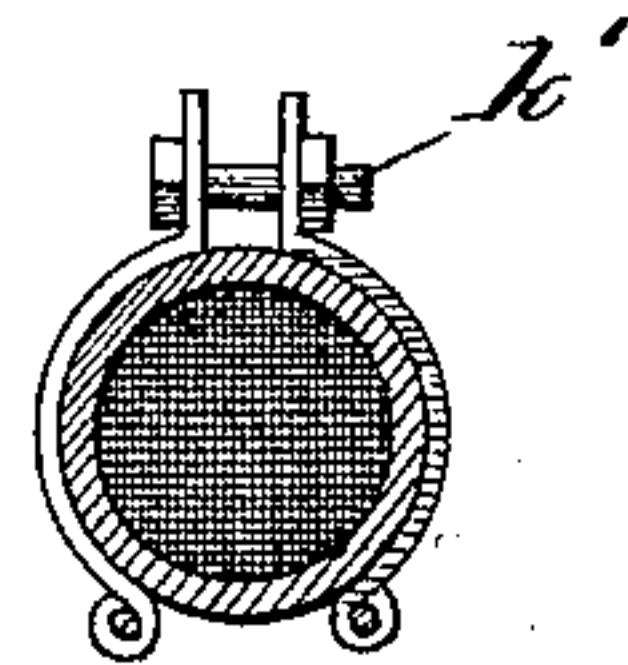


Fig. 3.

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# UNITED STATES PATENT OFFICE.

DAVID G. KNITTEL, OF PITTSBURG, PENNSYLVANIA.

## PACKAGE-CARRIER FOR BICYCLES.

SPECIFICATION forming part of Letters Patent No. 610,404, dated September 6, 1898.

Application filed September 13, 1897. Serial No. 651,427. (No model.)

*To all whom it may concern:*

Be it known that I, DAVID G. KNITTEL, a citizen of the United States of America, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Package-Carriers for Bicycles, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to certain new and useful improvements in package or luggage carriers, and more particularly to that class adapted to be attached to and employed for carrying various packages upon bicycles, velocipedes, and the like.

15 The invention aims to provide a luggage-carrier of this character which may be adjusted to conform to the size or style of the package to be attached thereto and when not in use may be readily folded in a neat and compact manner, thus not necessitating its removal from the wheel.

20 The invention further aims to provide a luggage-carrier that may be quickly removed from the bicycle or velocipede when so desired and that will be extremely simple in its construction throughout, strong, durable, comparatively inexpensive to manufacture, and effectual in the performance of all its functions.

30 With the above and other objects in view the invention consists in the novel construction, combination, and arrangement of parts to be hereinafter more specifically described, and particularly pointed out in the claims.

35 In describing the invention in detail reference is had to the accompanying drawings, forming a part of this specification, and wherein like letters of reference indicate similar parts throughout the several views, in which—

40 Figure 1 is a perspective view of my improved carrier detached from the wheel, showing in dotted lines the position in which a box or package is strapped thereon. Fig. 2 is a side view of the carrier attached to the bicycle-head and in the folded position. Fig. 3 is a sectional view of the bicycle-head, taken on the line X X of Fig. 2. Fig. 4 is a perspective view of a portion of the upright rods of the carrier.

50 The invention consists of the frame, the upright or vertical rods *a* of which may be

formed of a single strand of wire doubled upon itself to form the two rods and having its lower ends bent outwardly and formed into eyelets *b*, which are adapted to receive the hook end *c* of the lower supporting-rods *d*, which are likewise formed of a single strand of wire or other suitable material. The wires or rods *a* are connected together near their lower ends by the wire *e*, looped onto each rod, and are held to the bicycle-head *f* by means of clamps *g*, secured to each rod and operating thereon, said clamps being provided with apertures *h* to receive the fastening-bolt *k*, which binds the clamps to the bicycle-head. At the upper end of the frame these rods *a* are engaged by the hook ends *l* of a wire frame *m*, upon which are secured clamps *g'*, similarly constructed and operating in a like manner to the clamps *g*, and which are bound to a bolt *k'*, passing through the apertures *h'*, provided in these upper clamps. The rods *a* also carry a sliding plate *n*, to which are rotatably secured the plates *n'* and *n''*, the edges of which are turned over or overlapped in order to form eyelets for the ends of the horizontal rods *o* and *o'*, the outer ends of which are formed with eyelets *o''*, which receive the extensible horizontal frames *p*, each of which is formed of a single strand of wire bent upon itself and passing through the eyelets *o''* and the ends bent around the rods *o* and *o'* and adapted to slide thereon. Thus when a large package is being carried these extensible portions *p* may be extended to their full length, so as to increase the horizontal support thus formed, and when a smaller package is to be carried the same may be closed, which will produce a horizontal support of but the length of the rods *o* and *o'*. When not desired for use, the sliding plate *n* may be forced to the upper end of the rods *a* and the horizontal supports *o* and *o'* folded downwardly together, which is permitted by reason of the plates carrying the same being pivoted to the plate *m*, thus bringing the carrier into the position shown in Fig. 2 and not necessitating its removal from the wheel, and it will be noted that various changes may be made in the details of construction without departing from the general spirit of my invention.

Having fully described my invention, what



I claim as new, and desire to secure by Letters Patent, is—

1. In a luggage-carrier, an upright frame, clamps secured to said frame whereby the  
5 same may be secured to a bicycle or the like, a sliding plate carried by said frame, extensible horizontal frames having one of their ends secured to plates, said plates being rotatably secured to the sliding plate whereby the said  
10 horizontal frames can be folded into alignment with the upright frame, substantially as shown and described.

2. In a luggage-carrier, an upright frame

having clamps for attaching the same to a bicycle or the like, a sliding plate carried by 15 said frame, an extensible horizontal frame fulcrumed to said plate and a base-frame adapted to fold into alinement with the upright frame substantially as shown and described. 20

In testimony whereof I affix my signature in presence of two witnesses.

DAVID G. KNITTEL.

Witnesses:

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