(No Model.)

G. G. CLAPHAM.

BICYCLE PACKAGE CARRIER.

No. 601,946. Patented Apr. 5, 1898.

Fig. 1.

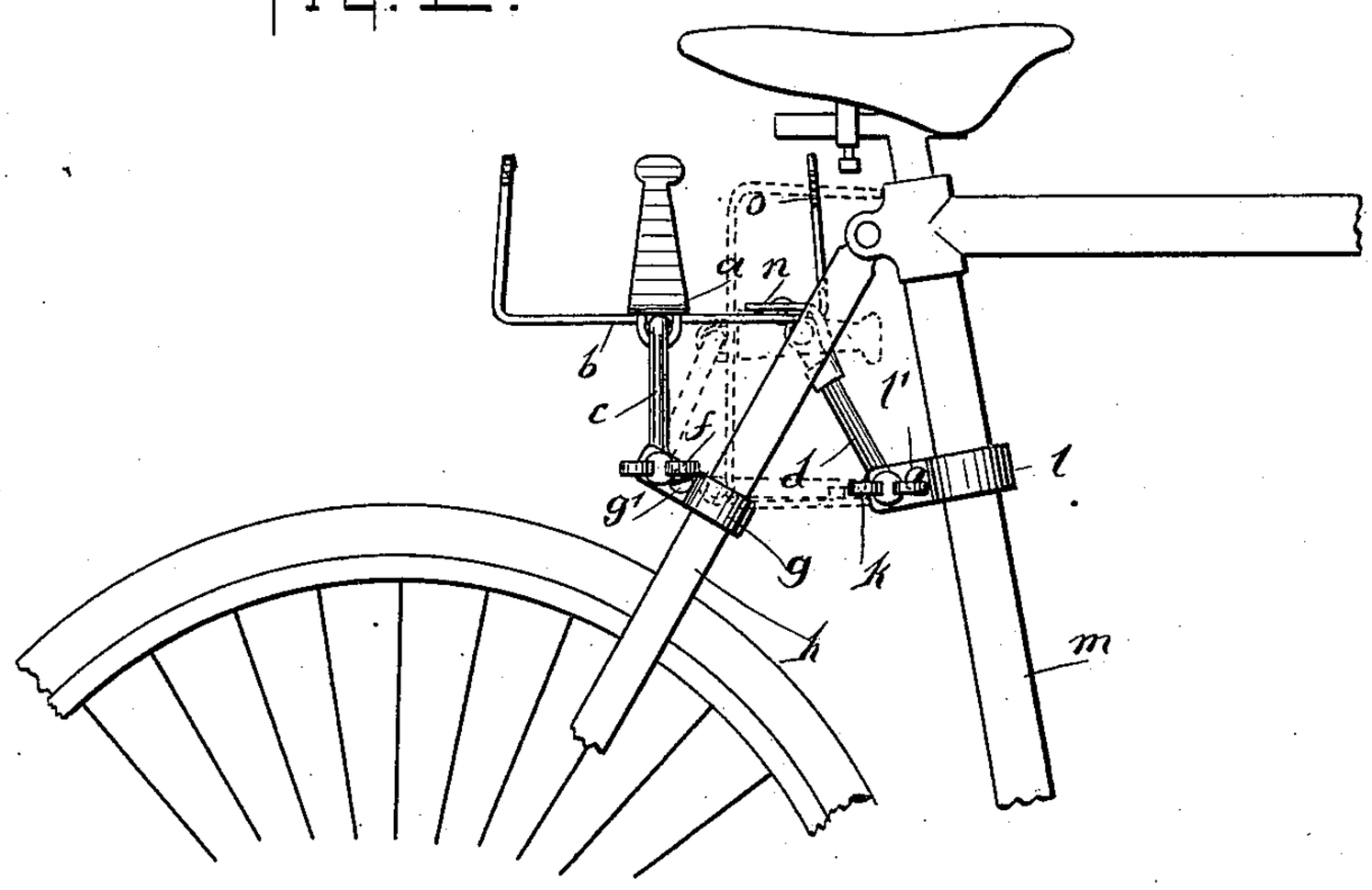

Fig. 2.

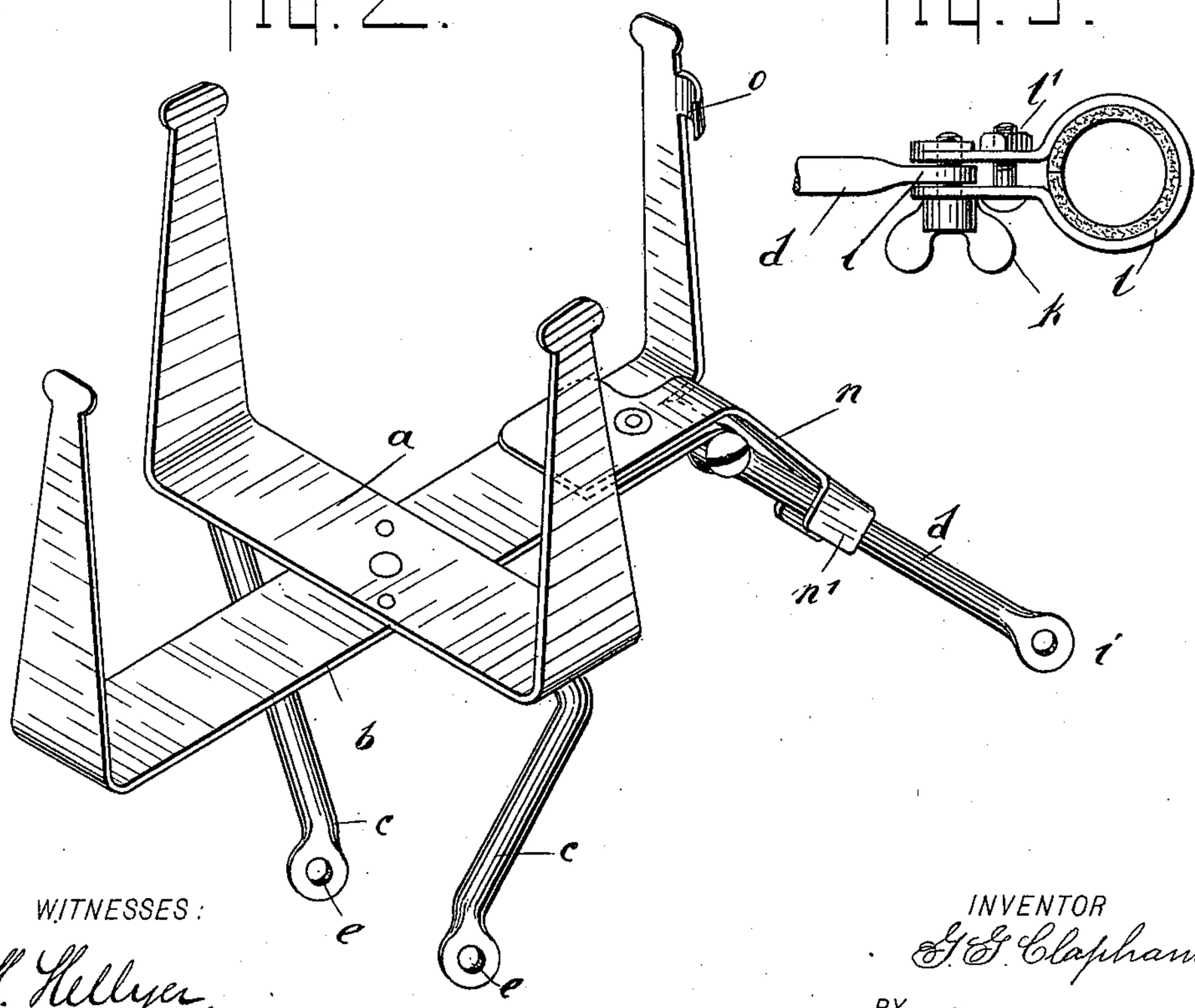

Fig. 3.

WITNESSES:

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GEORGE GRIFFITH CLAPHAM, OF ROSLYN, NEW YORK.

BICYCLE PACKAGE-CARRIER.

SPECIFICATION forming part of Letters Patent No. 601,946, dated April 5, 1898.

Application filed August 11, 1897. Serial No. 647,893. (No model.)

To all whom it may concern:

Be it known that I, GEORGE GRIFFITH CLAPHAM, of Roslyn, in the county of Queens and State of New York, have invented a new and Improved Bicycle Package-Carrier, of which the following is a full, clear, and exact description.

This invention is a package-carrier adapted to be attached to bicycles, and especially designed to carry the ordinary rectangular lunch-boxes that are so frequently used by workmen.

This specification is the disclosure of one form of my invention, while the claims define the actual scope of the conception.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a side elevation of the invention. Fig. 2 is a perspective view thereof, and Fig. 3 is a detail view of one of the clamps.

The package-carrier has a body or main portion formed of two metallic plates *a* and *b*, which are rigidly secured to each other and extend across each other. The ends of the plates are bent upward, and the plates being resilient form a frame in which the lunch-box may be carried, the box being held by the resiliency of the plates.

The package-carrier is designed to be fastened to the backstays and central brace of the frame of a safety-bicycle. This is effected by means of legs, two of which are designated *c* and the other of which is designated *d*. The legs *c* are formed of an integral bar of metal bent into approximately U-shaped form and having its main or intermediate portion rockably mounted beneath the horizontal portion of the plate *a*. The ends of the legs *c* are provided with eyes *e*, each adapted to receive a thumb-screw *f*. The drawings, Fig. 1, only show one of the thumb-screws. The thumb-screws *f* are respectively carried by two clips *g*, fastened to the backstays *h* of the bicycle-frame, such fastening being effected by screws *g'*, as shown in Fig. 1. The clips *g* are permanently secured in place by the screws *g'*, and by means of the thumb-screws *f* the legs *c* may be readily connected with and disconnected from the clips; also, the legs *c* may be adjusted to any position within the scope of a swinging movement by loosening and tightening the thumb-screws *f*. The leg *d* is located at the front end of the main portion of the plate *b*, being hinged thereto. The free end of the leg *d* has an eye *i*, adapted to receive a thumb-screw *k*, that passes through the jaws of a clip *l*, similar to the clips *g*. The clip *l* is rigidly secured to the central brace *m* by means of a small bolt *l'*. The clip *l* is adapted to be held permanently in place by the bolt *l'*, while the set-screw *k* permits the leg *d* to be readily connected and disconnected with and from the clip *l*. In order to hold the leg *d* steadily on the plate *b* and also to give the parts a slight spring or yielding action, I provide a spring-arm *n*, riveted to the forward portion of the plate *b* and having a jaw *n'* embracing the leg *d* and serving to press the same downward, for which purpose the arm *n* is made resilient. The arm *n* is capable of swinging horizontally on the rivet that holds it, so that the arm may be connected and disconnected with and from the leg *d*. The upwardly-bent forward end of the plate *b* is provided with a finger *o*, which may be engaged by the leg *d* when the leg is moved vertically.

Fig. 1 shows my invention in use. In the position shown the carrier will hold a rectangular lunch-box steadily and securely in place and without the use of straps or other lashings. Should it be desired to disconnect the device from the machine, this may be readily done by loosening the thumb-screws *f* and *k*, and should it be desired to fold the carrier on the machine this may be readily done by disconnecting the arm *n* from the leg *d* and swinging the parts to the position shown by dotted lines in Fig. 1, where the leg *d* may engage with the finger *o*. The plate *b* being resilient will press the finger *o* firmly against the leg *d*, and the hinge of the leg *d* being such as to limit the movement of the leg inward past the perpendicular will cause the leg to be firmly engaged with the finger *o*, and thus the carrier will be held firmly in the contracted position.

The clips *g* and *l* are provided with felt or other yielding linings, whereby the frame of the bicycle will not be marred.

Various changes in the form, proportion,

and minor details of my invention may be resorted to without departing from the spirit and scope thereof. Hence I do not consider myself limited to the precise construction herein shown, but believe that I am entitled to all such variations as come within the terms of my claims.

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

1. A package-carrier for bicycles, said carrier having a body or main portion formed of rigidly-connected plates with resilient upwardly-bent ends, legs carried on the body portion and formed of a bar having its ends bent downward to form the legs, the intermediate portion of the bar being mounted to rock on the body portion, a clip attached to each of said legs, whereby the legs may be connected with the bicycle-frame, an additional leg hinged to the front of the body portion, and a clip coacting with said additional leg to hold the same on the bicycle-frame.

2. In a package-carrier, the combination of a body portion having an upwardly-extending resilient portion provided with a finger, a leg pivoted to the body portion, and a spring-arm mounted to swing on the body portion and capable of engaging the leg, the leg being capable of swinging up to engage the finger.

3. In a package-carrier, the combination of a body portion having an upwardly-projected resilient portion, a leg pivoted to the body portion and capable of swinging up to engage said resilient portion whereby to hold the leg in inactive position, and a spring-arm pivoted to the body portion and capable of engaging the leg to hold the same in active position.

GEORGE GRIFFITH CLAPHAM.

Witnesses:

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GRACE H. CLAPHAM.