

No. 612,646.

Patented Oct. 18, 1898.

W. HOWELL, L. E. CARRIER & J. MACLAGAN.
HOLDER FOR LAMPS AND PARCELS FOR BICYCLES.

(Application filed June 3, 1898.)

(No Model.)

2 Sheets—Sheet 1.

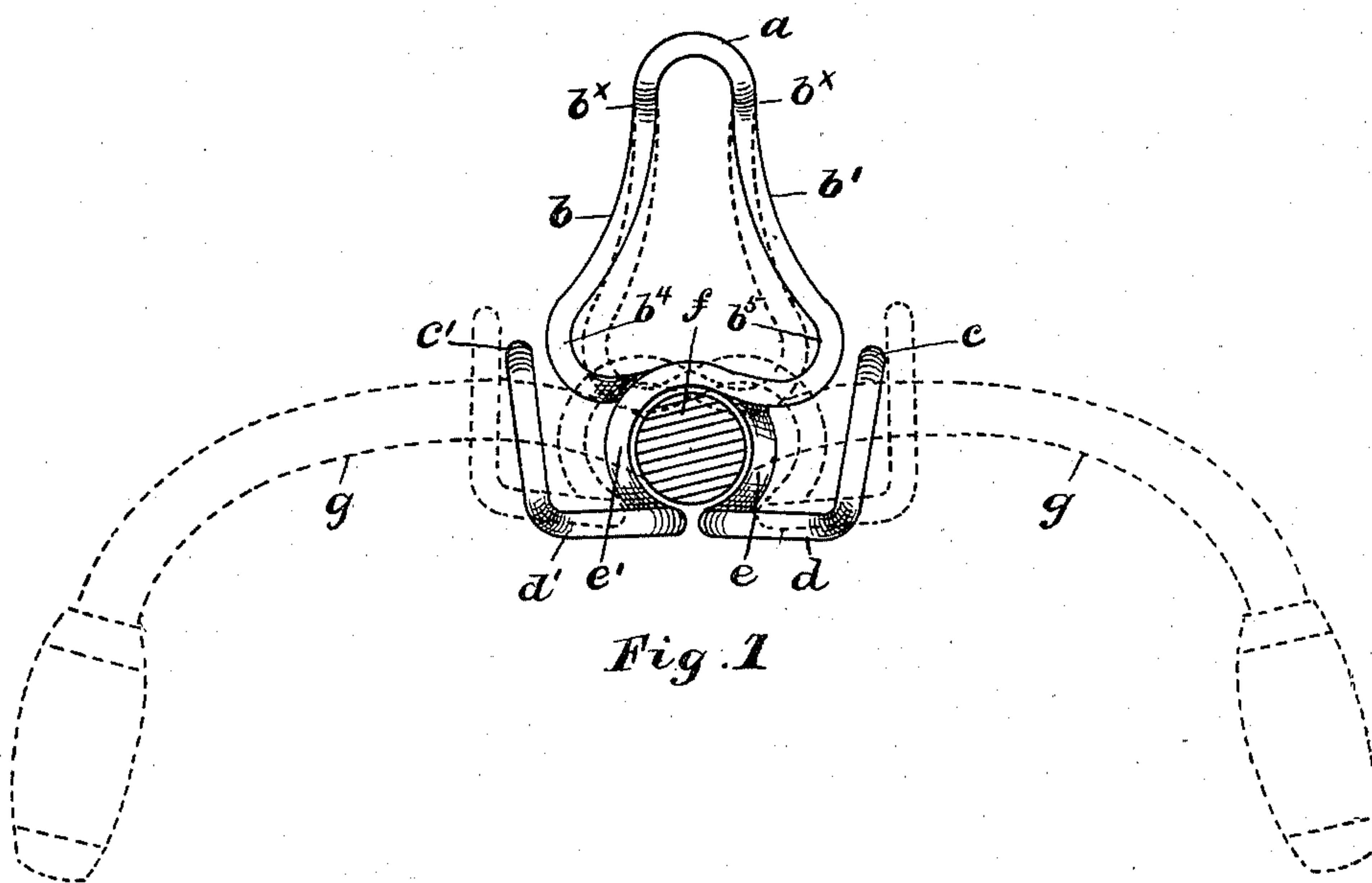


Fig. 1

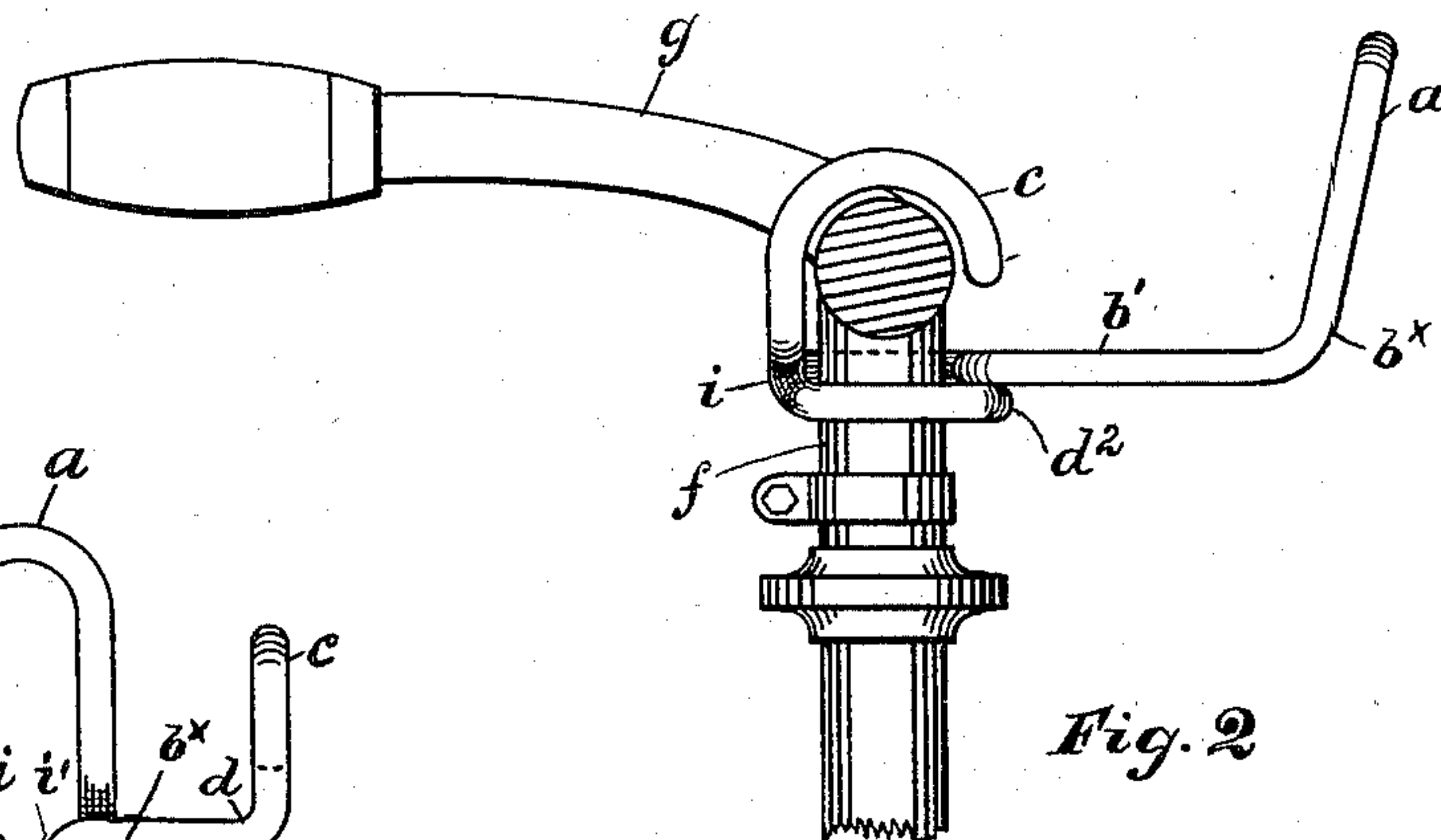


Fig. 2

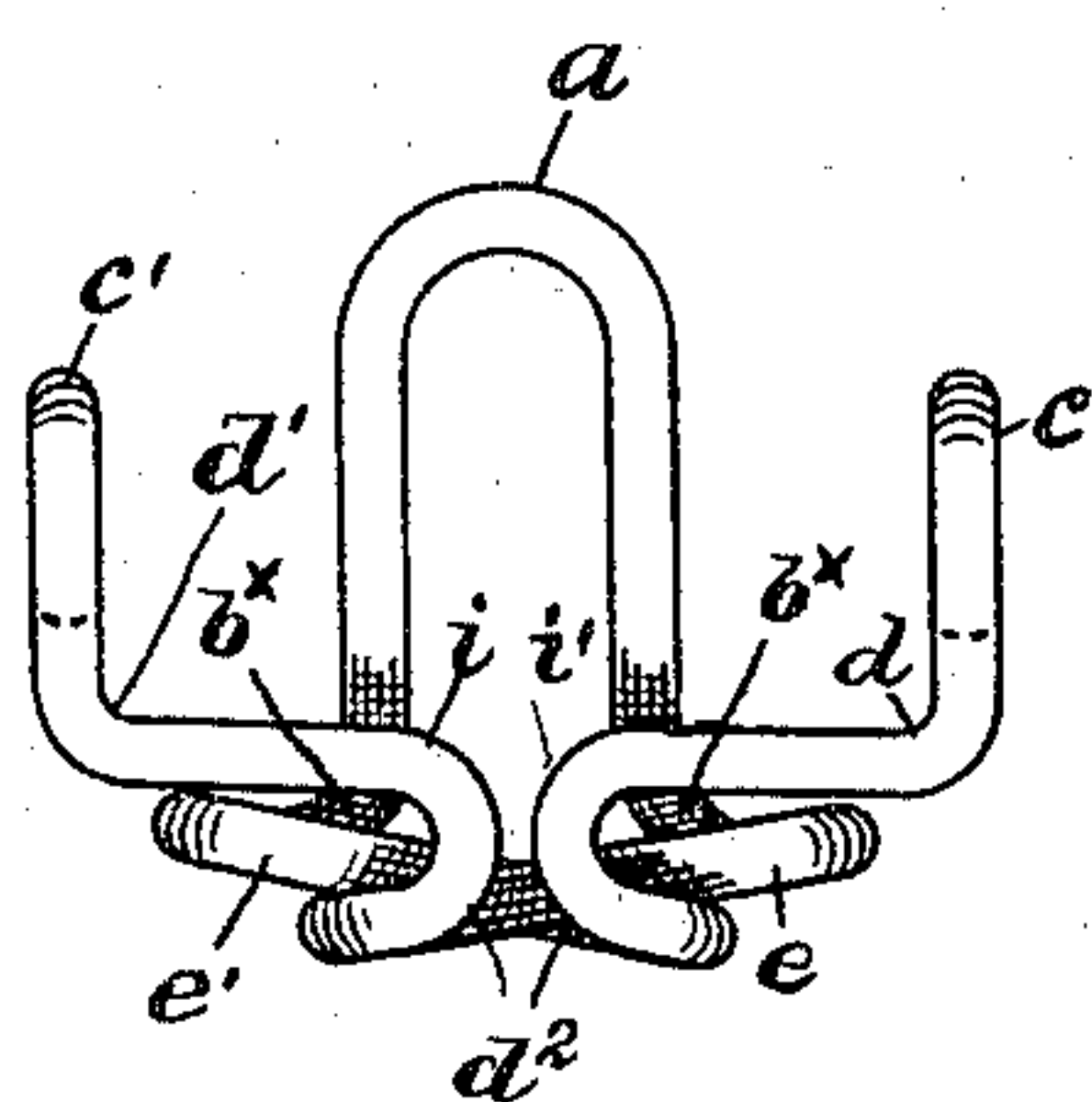


Fig. 3

Witnesses;
Alexander Anderson Jr.
W C Wade

Inventors
William Howell.
Lyman E. Carrier.
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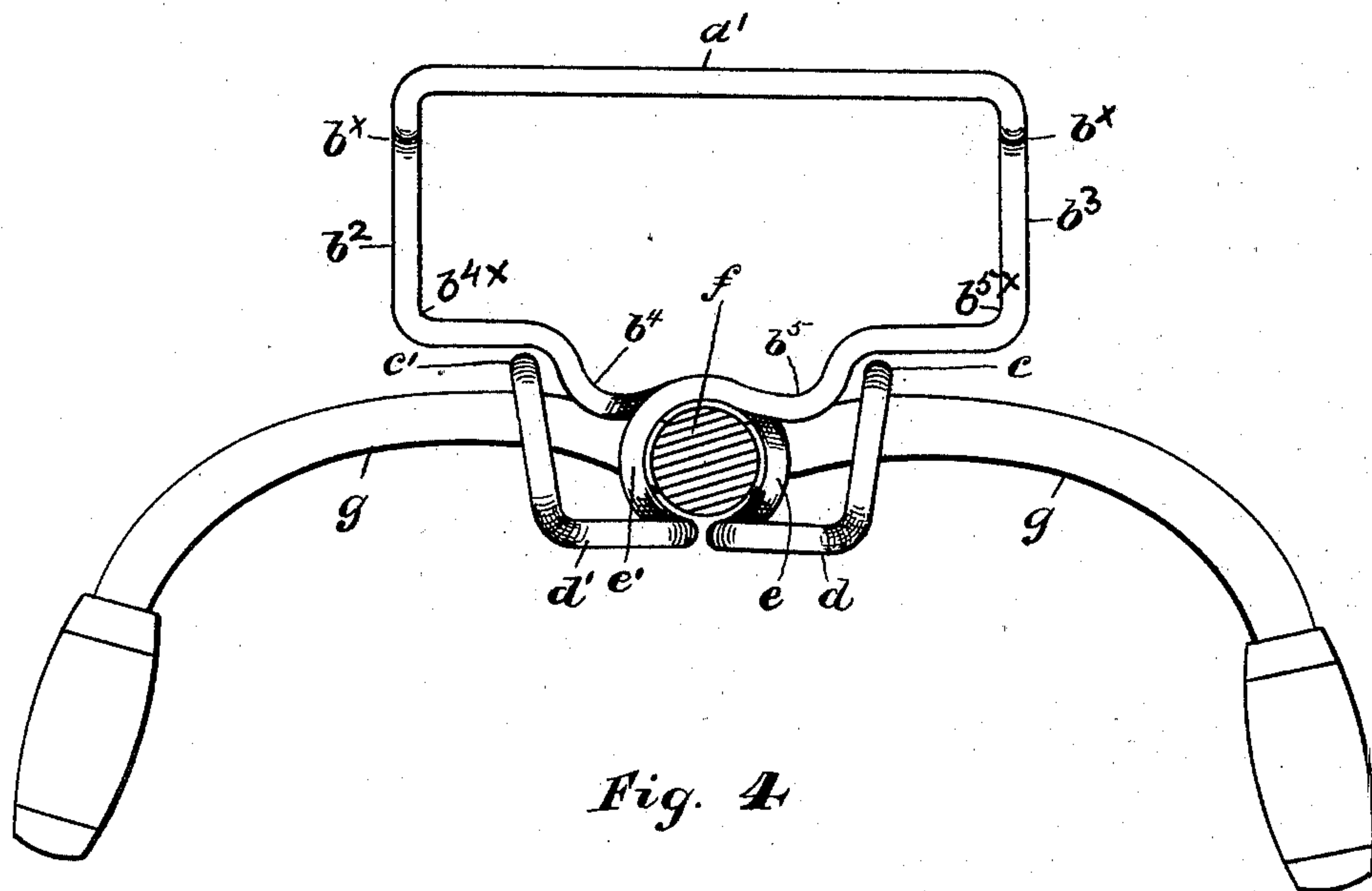


Fig. 4

Witnesses;

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UNITED STATES PATENT OFFICE.

WILLIAM HOWELL, LYMAN E. CARRIER, AND JAMES MACLAGAN, OF
CHICAGO, ILLINOIS.

HOLDER FOR LAMPS AND PARCELS FOR BICYCLES.

SPECIFICATION forming part of Letters Patent No. 612,646, dated October 18, 1898.

Application filed June 3, 1898. Serial No. 682,509. (No model.)

To all whom it may concern:

Be it known that we, WILLIAM HOWELL, LYMAN E. CARRIER, and JAMES MACLAGAN, citizens of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Holders for Lamps and Parcels for Bicycles, which are fully set forth in the following specification, reference being had to the accompanying drawings, forming a part thereof, and in which—

Figure 1 shows our said new device in plan view in closed or attached position, the broken outlines indicating the motion of its parts when being attached or removed to or from a bicycle. The handle-bars are shown in broken outlines. Fig. 2 shows the said device in side elevation, one handle-bar being cut away. Fig. 3 shows a rear view of our said device formed for a lantern-bracket for bicycles. Fig. 4 shows a modification of our device shown in the preceding three figures in which the parts a b b' b^x are expanded to form a bundle-carrier.

Like letters of reference denote like parts.

The object of our invention is to produce our said mechanism by means of a single piece of wire shaped to answer said purposes.

To attain said desirable ends, we construct our said new device in substantially the following manner, namely: We take a piece of wire of suitable gage and quality and length appropriate for the object to be made and form a central part like a or a' , having the sides b b' , which are terminated by a sharp bend b^x , Fig. 2, forming an obtuse angle nearly equal to a right angle, from whence we have either the parts b b' or the parts b^2 b^3 , which then run into the horizontal inward curves b^4 b^5 , terminating with parts d^2 , of which one passes under the other in front of the handle-bar post f , after which said parts curve backward to form the curved parts e e' to embrace the sides of the post f , and from thence the wire ends are bent upward and outward abruptly to form the curved parts i i' , whose normal position is almost tangent on themselves at the back of the handle-bar

post, throwing the wire ends outward and horizontal about parallel to the parts d^2 , which then at the short curves d d' extend upwardly and become parallel and bend forward over each arm of the handle-bar g , forming terminal hooks c c' . To form a bundle-carrier, the arch a is extended so as to form the line or bar a' and sharply curved at its ends, thence into the parts b^2 b^3 , the equivalents of the parts b b' , also sharply bent at b^x , as before, the ends of which are curved inward at b^{4x} and b^{5x} , and reach by straight parts the horizontal curves b^4 b^5 , from whence the mechanism to hold the bundle-carrier is identical in form and operation with that of the lantern-bracket.

The parts in front of the post f and the parts i i' d d' c c' , forming the ends of the wire, form the parts which hold the device rigidly in place against any weight on a or a' .

To apply or remove this device, the parts b b' or b^2 b^3 are compressed, whereby the parts c c' are thrown apart, so that the post f may enter between the curves i i' . The spring action outward will throw the parts e e' snugly against the post f , and thus lock the device firmly to its position, the hooks c c' , with the parts d^2 , holding the projecting or bracket part rigidly in place.

What we claim is—

A carrying device for bicycles consisting of a single piece of wire whereof the central portion is shaped into any suitable form and provided with overlapping parts d^2 followed by opposite curved parts e e' which terminate in curves i i' vertical to said curves e e' whereof the outer parts are straight and diverge and then turn upward and bend forward into parallel hooks c c' , the curves e e' embracing a vertical cylinder and said hooks cylindrical arms transverse to said vertical cylinder, substantially as specified.

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LYMAN E. CARRIER.
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Witnesses:

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