

No. 715,576.

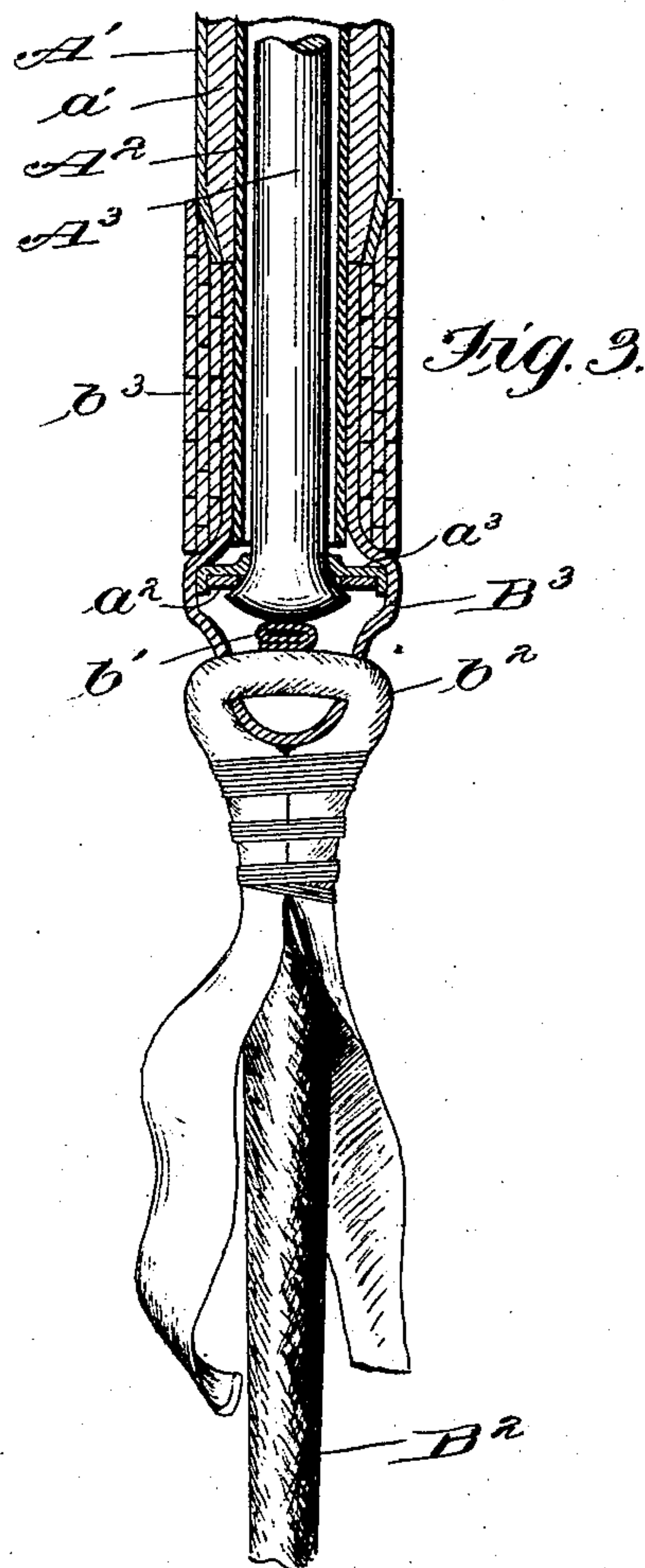
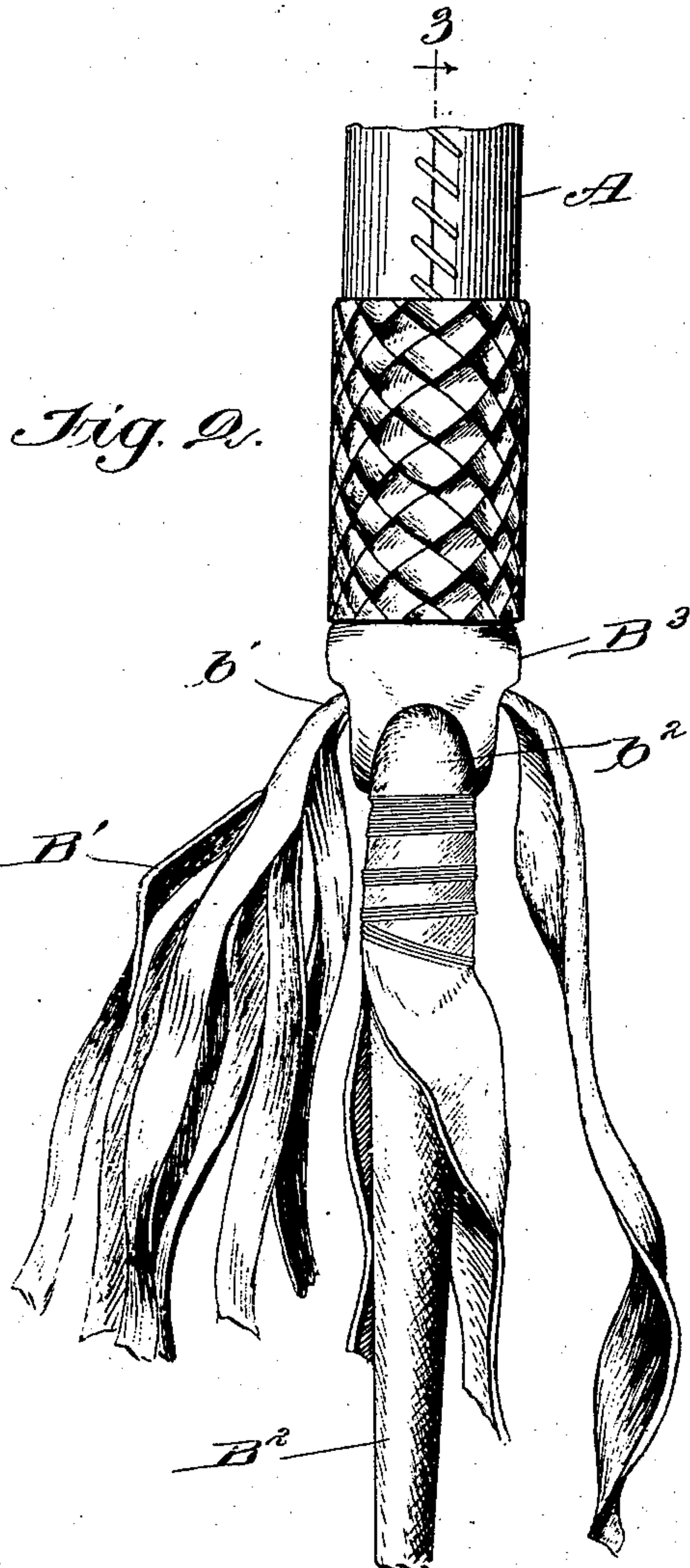
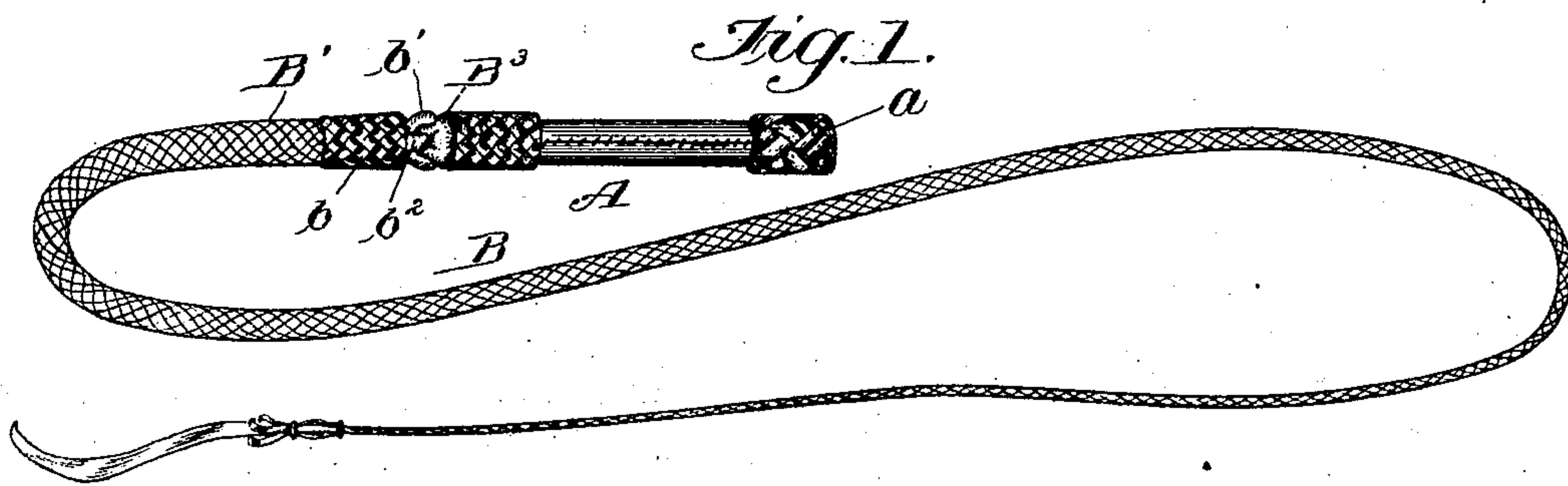
Patented Dec. 9, 1902.

P. S. HARRINGTON.

DROVER'S WHIP.

(Application filed Feb. 24, 1902.)

(No Model.)



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UNITED STATES PATENT OFFICE.

PATRICK S. HARRINGTON, OF CHICAGO, ILLINOIS, ASSIGNOR OF TWO-THIRDS TO GUSTAV E. SMITH AND CHARLES R. LOCKWOOD, OF CHICAGO, ILLINOIS.

DROVER'S WHIP.

SPECIFICATION forming part of Letters Patent No. 715,576, dated December 9, 1902.

Application filed February 24, 1902. Serial No. 95,341. (No model.)

To all whom it may concern:

Be it known that I, PATRICK S. HARRINGTON, a citizen of the United States, residing at Chicago, county of Cook, State of Illinois, have invented a certain new and useful Improvement in Drovers' Whips; and I declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates generally to whips, and more particularly to drovers' whips.

In whips of the class referred to it is desirable that the lash should be securely fastened to and form a continuation of the stock in such a manner as to prevent the lash from bending in any direction at its point of connection with the stock.

In whips in which the lash forms an alined continuation of the stock it is customary to secure the requisite longitudinal rigidity between the lash and stock by extending a portion of the latter within the adjacent end of the former. This construction results in injurious wear upon the portion of the lash around the stock and in the breaking of the whip at a point adjacent to the end of the stock.

The object of my invention is to provide a whip of the character referred to in which the lash is securely fastened to the stock to form a continuation thereof, the desired inflexibility of the whip at the point of union between the whip and stock being accomplished without the projection of the stock within the lash.

A further object of my invention is to provide a drovers' whip of the character referred to which will be comparatively simple in construction, inexpensive in manufacture, and durable in use.

My invention, generally stated, consists in a drovers' whip comprising a stock, a lash secured to the stock in alinement therewith, an end of the stock terminating at the adjacent alined end of the lash, and means uniting the adjoining ends of the stock and lash, so as to give to the whip the desired rigidity at the

point of connection between the stock and lash.

My invention will be more fully described hereinafter with reference to the accompanying drawings, in which the same is illustrated as embodied in a convenient and practical form, and in which—

Figure 1 is an elevational view of the complete whip; Fig. 2, a fragmentary view of the end of the stock and portions of the lash secured thereto before plaiting the same; and Fig. 3 a fragmentary sectional view on line 3 3, Fig. 2.

The same reference characters are used to designate the same parts in the several figures of the drawings.

Reference-letter A indicates the stock of the whip, which may be constructed in any desired manner. The stock is preferably, however, so constructed as to permit the lash to rotate freely relatively thereto. In Fig. 3 the stock is shown as comprising a metal tube A^2 , within which is rotatably supported a rod or bolt A^3 . A leather covering A' surrounds the metal tube A^2 . A filling material a' is preferably located between the exterior of the tube and the leather covering A' . To the head of the rod A^3 , which projects beyond the end of the tube A^2 , is secured the lash B, thereby permitting the lash to revolve freely with respect to the portion of the stock which is grasped by the hand. The end of the stock opposite to the point of connection with the lash is closed by a button a .

The lash B comprises an outer plaited covering B' , which surrounds a sack B^2 , preferably composed of leather filled with shot. The shot-sack extends a considerable distance within the lash, preferably more than a third of its length, and serves to impart to the lash the necessary weight without impairing the flexibility thereof. The shot-sack also serves as a filler to give the lash the desired size and taper. The lash is secured to the stock by means of an interposed connection, which may conveniently consist in a rawhide thong B^3 , which is securely fastened around a metal washer a^2 , located upon the rod A^3 adjacent to the head thereof. A

leather washer a^3 also preferably surrounds the rod A^3 and extends around the periphery of the metal washer and between the same and the rawhide thong B^3 . The rawhide
 5 thong closely but rotatably surrounds the end of the metal tube A^2 and is retained longitudinally immovable with respect to the metal tube A^2 owing to its interior diameter being less than the diameter of the washers
 10 which it surrounds. A plaited knot b^3 surrounds the rawhide thong and is adapted to rotate therewith relatively to the stock of the whip and forms an ornamental covering for the portion of the stock around which it is
 15 located.

A portion of the rawhide thong which projects beyond the head of the rod A^3 is provided with holes therethrough extending in lines at right angles to each other. The sev-
 20 eral strips, which are plaited to form the outer covering B' of the lash, unite at one end in a common strip b' , which extends through the rawhide thong B^3 in the manner indicated in Fig. 2. A leather strip b^2 extends through
 25 the holes in the thong at a right angle to the portion of the strip b' within the thong. The strip b^2 is securely fastened around the larger end of the shot-sack B^2 and may, if desired, be formed integral with the material of which
 30 the shot-sack is composed. The strip b^2 is tightly bound around the shot-sack by any suitable means—as, for instance, a cord. The shot-sack B^2 is thereby tightly held in close contact with the end of the thong B^3 . The
 35 several strips B' are then plaited around the shot-sack and also tightly around the portion of the strip b' which projects beyond the thong, so as to bind the same between the shot-sack and the outer plaited covering.
 40 The plaiting of the strips B' is continued to the end of the lash, as indicated in Fig. 1.

The lash of the whip, it will be observed, is secured to the stock thereof by two strips extending at right angles to each other, such
 45 strips being securely fastened to the larger end of the lash and passing through connecting means interposed between the adjoining ends of the stock and the lash. In this manner the lash is held in alinement with the
 50 stock and the whip is strengthened at the point where the lash and stock are united.

Where the stock is constructed as illustrated in Fig. 3 the lash is immovably secured to the rod A^3 , and as the latter is rotatably
 55 supported within the portion of the stock which is grasped by the hand the lash may revolve freely in all directions while the stock is firmly held.

The specific means for rotatably securing
 60 the rod A^3 to the stock forms no part of my

invention, and I do not wish to be understood as limiting my invention to any particular type of stock, inasmuch as it is evident that the rawhide thong may be rigidly secured
 65 to the stock without interfering with the advantage which results from connecting the lash to the end of the stock solely by means of a plurality of strips angularly disposed with respect to each other.

While I have described more or less precisely the details of construction, I do not wish to be understood as limiting myself thereto, as I contemplate changes in form, the proportion of parts, and the substitution of
 70 equivalents as circumstances may suggest or render expedient without departing from the spirit of my invention. 75

Having now fully described my invention, what I claim as new, and desire to secure by Letters Patent, is— 80

1. A drover's whip, comprising a stock and a lash forming an alined continuation of the stock, and a plurality of straps secured to one of said parts of the whip and passing in intersecting planes through transverse open-
 85 ings in the other part of the whip, thereby securely uniting the two parts of the whip.

2. In a drover's whip, the combination with a stock, of a lash comprising an outer covering and an inclosed filler, and straps separately securing said outer covering and said
 90 inclosed filler to said stock.

3. In a drover's whip, the combination with a stock, of a thong secured to said stock having transverse openings therethrough, a lash,
 95 and straps secured to said lash and passing through the openings in said thong in intersecting planes.

4. In a drover's whip, the combination with a stock, of a thong secured to said stock having transverse openings therethrough, a lash comprising an outer covering and an inclosed
 100 filler, straps secured to said outer covering and to said inclosed filler and passing through separate openings in said thong.

5. In a drover's whip, the combination with a stock comprising a hollow portion and rod mounted therein, of a thong secured to said rod having transverse openings therethrough,
 105 a lash comprising an outer covering and an inclosed filler, straps secured to said outer covering and to said inclosed filler and passing through separate openings in said thong. 110

In testimony whereof I sign this specification in the presence of two witnesses.

PATRICK S. HARRINGTON.

Witnesses:

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 CLARA C. CUNNINGHAM.