

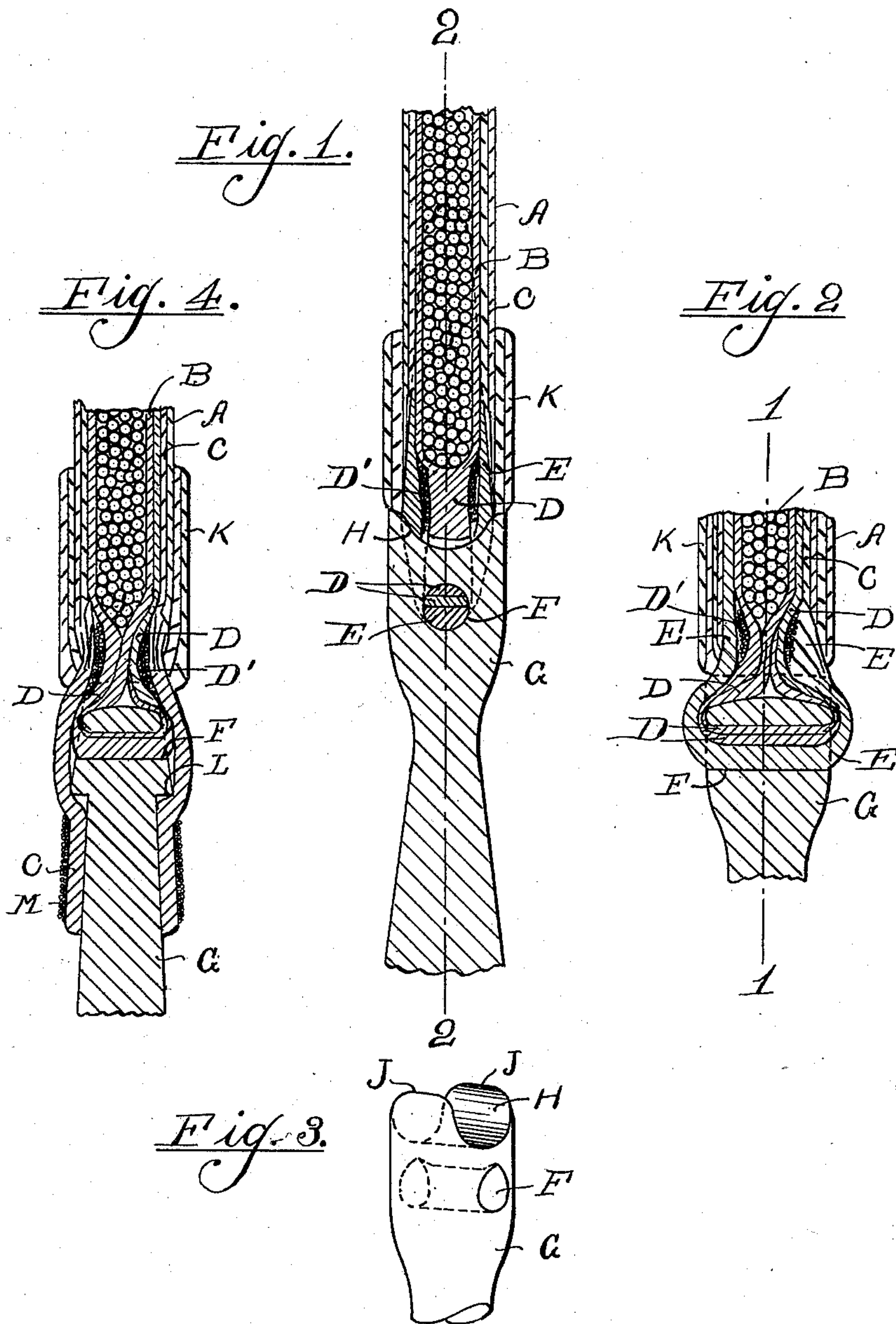
No. 757,089.

PATENTED APR. 12, 1904.

H. BROWN.  
DROVER'S WHIP.

APPLICATION FILED OCT. 30, 1903.

NO MODEL.



Witnesses:

C. F. Wilson  
Arthur C. Loh

Inventor:

Henry Brown  
By Rudolph H. Loh  
Attorney.



# UNITED STATES PATENT OFFICE.

HENRY BROWN, OF CHICAGO, ILLINOIS.

## DROVER'S WHIP.

SPECIFICATION forming part of Letters Patent No. 757,089, dated April 12, 1904.

Application filed October 30, 1903. Serial No. 179,127. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY BROWN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have  
5 invented certain new and useful Improvements in Drovers' Whips; and I do hereby 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 ap-  
10 pertains to make and use the same.

My invention relates to a novel construction in a drover's whip, the object being to provide simple and efficient means for fasten-  
15 ing the lash to the stock so as to hold the inner end portion of the lash against tipping and likewise to prevent the same from being torn and mutilated at the stock end by ex-  
20 tending a part of the stock into said lash; and it consists in the features of construction and combinations of parts hereinafter fully de-  
scribed and claimed.

In the accompanying drawings, illustrating my invention, Figure 1 is a fragmentary central longitudinal section of a whip constructed  
25 in accordance with my invention, taken on the line 1 1 of Fig. 2. Fig. 2 is a similar section on the line 2 2 of Fig. 1. Fig. 3 is a detail perspective view of the upper end of the stock. Fig. 4 is a central longitudinal section show-  
30 ing a slightly-modified form of construction.

In the construction of drovers' whips in which long heavy lashes are used it is essen-  
35 tial that the inner end of the lash should be so secured to the stock as to permit of no relative pivotal motion between the end of the stock and said inner end of the lash, this be-  
ing most essential to the proper manipulation of such whip. It is equally essential to avoid  
40 the use of any devices which in accomplishing the above result will decrease the durability of the whip and cause the lash to wear out or break adjacent the stock. To provide such  
desired rigid connection between the stock and the lash, I construct the lash A in the  
45 usual manner, the core B thereof consisting of a flexible conical leather bag filled with shot and around which the leather casing C is braided. The said bag B and casing C each  
terminate at their lower ends in long and com-

paratively wide straps or thongs D and E, 50  
which are passed through an opening F in the upper end of the stock G in opposite direc-  
tions, the free ends of said thongs being laid against opposite sides of said shot bag or core  
B, the said strap or thong D being secured 55  
by means of the cord D', wound around the same immediately above the end of the stock G, while the strap or thong E is held securely  
in place by the braiding of the casing C. The  
60 said upper end of said stock G is provided with a concave recess H, the axis of which is parallel with the axis of said opening F, and  
the bottom of said recess is preferably made slightly convex longitudinally, so as to enable  
65 the cord securing said thong D to be wound so as to cause said thong to lie in close contact with  
the upper wall of said opening F and bottom of said recess H and be drawn very taut to  
prevent relative movement between the same  
70 and the part of the stock G engaged thereby. The said thong E, the other end of which ter-  
minates in the strips to be braided to form said casing C, is also drawn very taut and very  
75 closely braided to prevent any travel longitudinally through said opening F and said re-  
cess H. The projections J on each side of the recess H form shoulders which will ob-  
viously prevent the lash from tipping rela-  
80 tively to said stock in another direction, so that said lash is thus held absolutely rigid  
with the end of the stock, and to further insure this I provide a stiff tautly-braided rein-  
forcing-sleeve K around the lower end of said  
lash immediately above said stock.

The above-described construction may be 85  
modified as illustrated in Fig. 4, in which the stock G is annularly reduced below the open-  
ing F to form an annular shoulder L. The casing C instead of terminating in a strap or  
thong passing through said opening F is of 90  
sufficient width at its lower end to surround the said stock above and below said shoulder  
L and is secured by a cord M, wound tightly  
over same. In all other respects this con-  
95 struction coincides with that shown in Figs. 1 and 2. This construction is very advan-  
tageous, for the reason that no part of the stock extends into the lash, which usually causes



the latter to be worn through near its lower end by the wear to which it is subjected by the projecting position of said stock.

My device is also easier and cheaper to manufacture than the drovers' whips now in general use.

I claim as my invention—

1. In a whip, the combination with a lash, of a stock provided, at its free end, with a transverse groove and also with a transverse opening parallel with and adjacent said groove, thongs on the inner end of said lash adapted to be passed through said opening and securely bound into said groove, whereby pivotal motion of said lash relatively to said stock is prevented.

2. In a whip, the combination with a lash and thongs on the inner end of said lash, a stock provided at its free end with projections adapted to receive said thongs between the same and hold the latter against pivotal motion relatively to said stock in one direction, said stock being also provided with a transverse opening adjacent said projections adapted to receive said thongs for fastening said lash to said stock and hold said lash against relative pivotal motion in another direction.

3. In a drover's whip the combination with a stock provided in its end with a transverse concave groove and provided below said groove with a transverse opening axially parallel with said groove, of a lash comprising a filling member having a thong at one end passing through said opening and lying partially within said groove for holding the end of said member firmly within the latter, and a braided casing terminating in a strap passing through said opening and lying partially in said groove for holding the end of said casing firmly within the same, said filling member and said casing being thus held against pivotal motion relatively to said stock.

4. In a drover's whip, the combination with a stock provided in its end with a transverse concave groove and provided below said groove with a transverse opening axially parallel with said groove, of a lash comprising a

filling member having a thong at one end passing through said opening and lying partially within said groove for holding the end of said member firmly within the latter, and a braided casing terminating in a strap passing through said opening and lying partially in said groove for holding the end of said casing firmly within the same, and a reinforcing-sleeve on said casing extending partially within said groove.

5. In a drover's whip, the combination with the stock provided adjacent its free end with a transverse opening and provided in its free end with a concave groove axially parallel with said opening, of a shot-bag and thongs, attached to the base of said shot-bag, adapted to lie within said groove and be secured therein by means of a cord or thong passing through said opening, said bag being thus held against pivotal motion relatively to said stock, and a braided casing or covering surrounding said shot-bag and lying partially within said groove, said casing or covering being secured to said stock below said groove.

6. In a drover's whip, the combination with the stock, provided adjacent its free end with a transverse opening and provided in its free end with a concave groove axially parallel with said opening, of a shot-bag and thongs attached to the base of said shot-bag adapted to lie within said groove and be secured therein by means of a cord or thong passing through said opening, said bag being thus held against pivotal motion relatively to said stock, and a braided casing or covering surrounding said shot-bag and lying partially within said groove, said casing or covering being secured to said stock below said groove, and a reinforcing-sleeve mounted on said casing and lying partially within said groove for further preventing relative pivotal motion between said lash and said stock.

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

HENRY BROWN.

Witnesses:

RUDOLPH WM. LOTZ,  
ARTHUR C. LOTZ.