

No. 725,004.

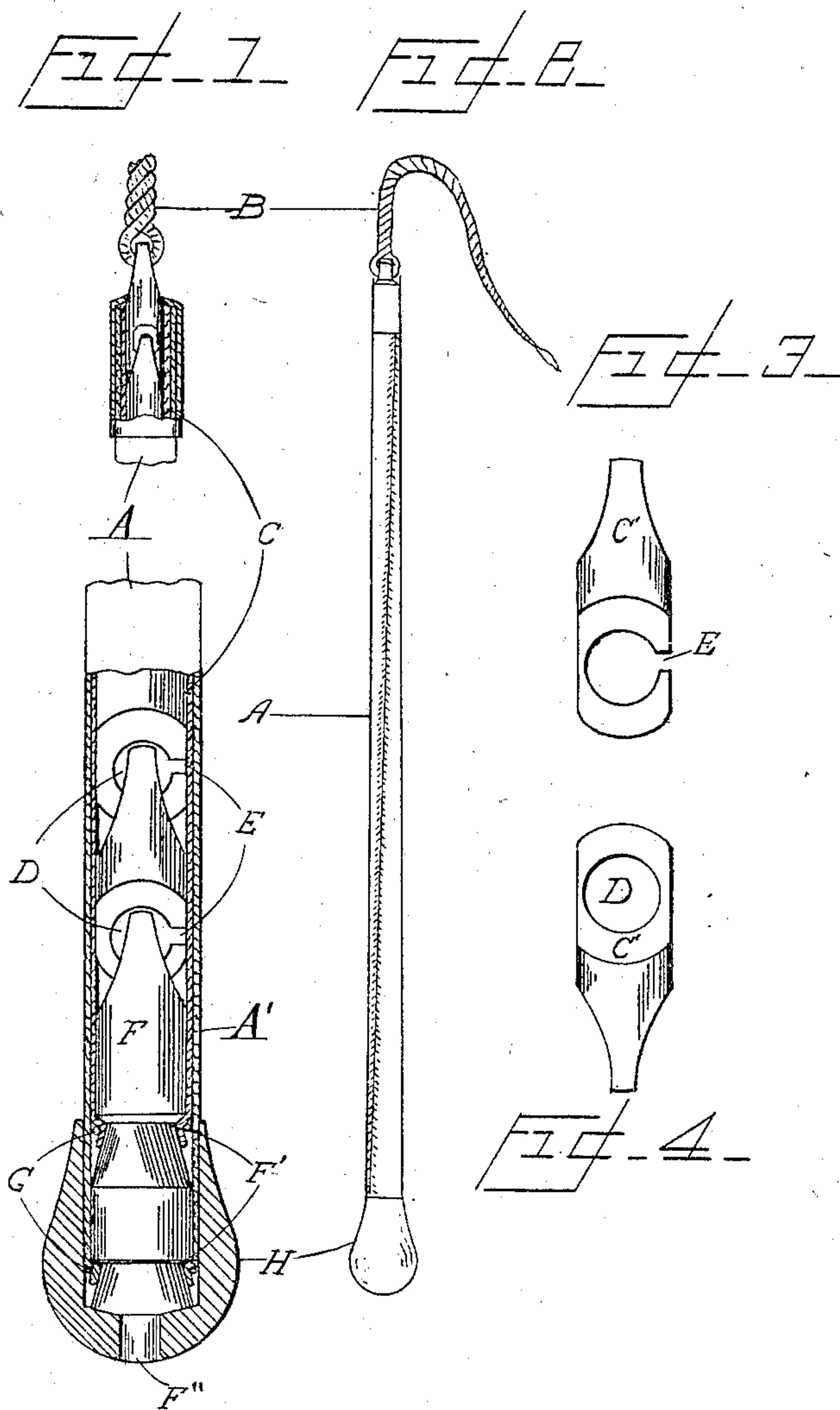
PATENTED APR. 7, 1903.

H. F. MOORE.

WHIP.

APPLICATION FILED DEC. 19, 1902.

NO MODEL.



WITNESSES

George C. Winton
H. C. Nicholson

INVENTOR

Herman F. Moore

BY Hazard Harpham
ATTORNEYS

UNITED STATES PATENT OFFICE.

HERMAN F. MOORE, OF VENTURA, CALIFORNIA.

WHIP.

SPECIFICATION forming part of Letters Patent No. 725,004, dated April 7, 1903.

Application filed December 19, 1902. Serial No. 135,916. (No model.)

To all whom it may concern:

Be it known that I, HERMAN F. MOORE, a citizen of the United States, residing at Ventura, in the county of Ventura, State of California, have invented new and useful Improvements in Whips, of which the following is a specification.

My invention relates to that species of whips called a "black-snake;" and the object thereof is to produce a very durable whip. I accomplish this object by the whip described herein, and illustrated in the accompanying drawings, in which—

Figure 1 is an elevation of a whip embodying my invention. Fig. 2 is a longitudinal central section of fragments of the same. Figs. 3 and 4 are side elevations of the link which forms the interior of the body of the whip, the plane of one being at right angles to that of the other.

In that species of whips known as the "black-snake" the body is usually loaded with shot to make it heavy enough for use. In this construction the whole strain is on the covering of the body, which soon causes it to wear out, and it is easily broken. In my improved whip I avoid this objectionable feature by the use of a chain composed of links which when united together form a substantially round tapering body.

In the drawings, A is the body of the whip, and B is the lash. The body is composed of the usual outer covering A', of leather, and an inner central chain C, composed of tapering links C', the ends of which are flattened and provided with holes D therein. These holes are preferably so placed that the wall of the hole is thinner at the side than at the end, and in one of the side walls is cut a slit E, which is just wide enough to permit the passage therethrough of the side wall of the hole in the adjacent link. I use this con-

struction so that there may be no possibility of the links unhooking after the outer covering is put on the whip. The outer covering is sewed on in the usual manner on a chain of suitable length, the small end of which projects through the small end of the cover and to which the lash is affixed in the usual manner. In the last link of the larger end of the chain I hook an end piece F, which is provided with as many grooves F' as there are layers of leather in the covering, which layers are wired to the end piece by wires G. The end piece has a reduced portion F'', on which is riveted the end knob H, which is preferably of some metal. By the use of a chain the proper weight is given to the body and it is strengthened thereby. Any other form of link will do which will give the proper weight to and will strengthen the body; but I prefer to use one which is substantially round in cross-section.

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

1. A black-snake whip having the central section composed of a chain, an outer covering of leather secured thereto, and a lash.

2. In a black-snake whip the combination of the outer covering of leather, and the inner central section composed of tapering links.

3. In a black-snake whip the combination of an outer covering of leather; the inner central link-section; and the end knob-piece.

In witness that I claim the foregoing I have hereunto subscribed my name this 10th day of December, 1902.

HERMAN F. MOORE.

Witnesses:

W. H. BARNES,
LLOYD SELBY.