

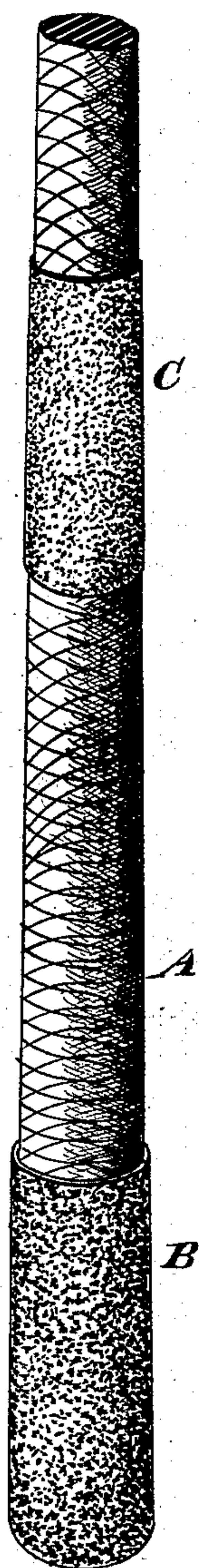
(No Model.)

A. CAMPBELL, 2d.  
Whip Handle.

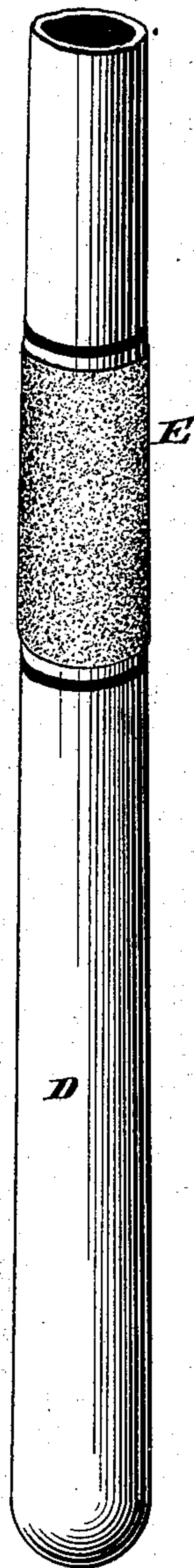
No. 242,749.

Patented June 14, 1881.

*Fig. 1.*



*Fig. 2.*



*Witnesses.*

*A. Rupert*  
*L. M. Connell*

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# UNITED STATES PATENT OFFICE.

ANDREW CAMPBELL, 2D, OF WESTFIELD, MASSACHUSETTS.

## WHIP-HANDLE.

SPECIFICATION forming part of Letters Patent No. 242,749, dated June 14, 1881.

Application filed April 23, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, ANDREW CAMPBELL, 2d, a citizen of the United States, residing at Westfield, in the county of Hampden, and State of Massachusetts, have invented certain new and useful Improvements in Whip-Handles; 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 appertains to make and use the same, reference being had to the accompanying drawings, and to the letters or figures of reference marked thereon, which form a part of this specification.

My invention relates to a new article of manufacture, which consists of a whip-handle having upon it one or more guards for preventing it from being worn by the socket in which it is placed when not in use. These guards are composed, by preference, of corundum, but they may be of emery, pearl, quartz, or sand, when mixed with glue, varnish, shellac, or other substance that will hold the material upon the handle, the object being to provide that portion of the handles of whips which enters what is known as the "whip-socket" with one or more rings of material of such consistency as will prevent the wearing thereof. I attain this object by the means hereinafter described, and illustrated in the accompanying drawings, in which—

Figure 1 is an elevation of a portion of a handle of a whip, having a covering of the usual form applied to it, over which there is placed, at two points, a covering of corundum or other similar substance; and Fig. 2 is an elevation of a portion of a stock of a whip which has no covering, except that provided at one point, which is of some of the substances above named.

Similar letters refer to similar parts in both of the views.

It is well-known to persons who use whips that the handles thereof, or any metallic or other ferrules or ornaments that may be placed upon the part thereof which enters the whip-socket attached to the carriage, soon become scratched and worn by contact with said socket, and thus defaced to such an extent as to render them objectionable, if not worthless.

My improvement is designed to provide a

remedy for these difficulties by covering that portion of the handle or stock of a whip which enters the whip-socket, or parts thereof, with corundum which has been pulverized to the required extent and mixed with glue or some other substance which will hold the particles firmly in place upon the handle, or emery, pearl, or quartz, properly prepared and mixed with such substances, may be used, preference being given to corundum on account of its cheapness and hardness, the latter quality rendering it a very desirable article for such purpose.

In the examples shown, A refers to a portion of a whip stock or handle which has been covered with leather or other suitable substance, its lower end being provided with an outer coating, B, of corundum or other similar substance, which extends for any required distance upward. At the proper distance from the coated portion B there is applied more of the material, as at C, which, if preferred, may be more finely pulverized than that applied at B. The coating C is to be placed in such a position on the handle as to bring it at or near the upper end of the whip-socket when placed therein. This coating, being made of material so much harder than that of which the socket is made, will prevent the handle from becoming worn or defaced for an indefinite period of time.

I have shown at D, in Fig. 2, another form of handle, which may consist of vulcanized rubber polished upon its outer surface; or it may be of ivory or any other suitable substance the surface of which it is desirable to preserve in its polished condition, in doing which there is provided upon a portion of its surface a coating, E, of corundum or some similar substance, the length and position of which are to be such as to prevent any portion of the handle, except its extreme lower end, from coming in contact with the socket when it is placed therein. In applying this coating to whips it may be first mixed with glue, varnish, or a preparation of shellac, or any other substance that will cause the particles to adhere to the stock, and then applied to the part or parts that it is desired to coat; or the glue or other substance may be first applied to the part or parts to be coated, and the material, in its pul-

verized condition, be applied to it, and, if found necessary, the first coat may be covered with another, and so on until the coating is of the required thickness.

5 I do not wish to be understood as limiting my invention to the use of any particular hard substance, or to the material used in attaching it to the whip handle or stock, but reserve the right to use any hard pulverized substance that  
10 will produce the results above described; neither do I limit myself to the particular part or parts to which it is to be applied, but reserve the right to apply it to any part or parts which are liable to be worn or defaced by the action  
15 of the whip-socket.

Having thus described my invention, what

I claim, and desire to secure by Letters Patent, is—

As an improved article of manufacture, a whip handle or stock having that portion there- 20 of which enters the whip-socket covered in part or in whole by a coating of corundum or other hard substance pulverized, it being held in its position on the handle by glue or some other adhesive substance, substantially as set 25 forth.

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

ANDREW CAMPBELL, 2D.

Witnesses:

JAS. L. HANCHETT,  
JOHN C. SCHMIDT.