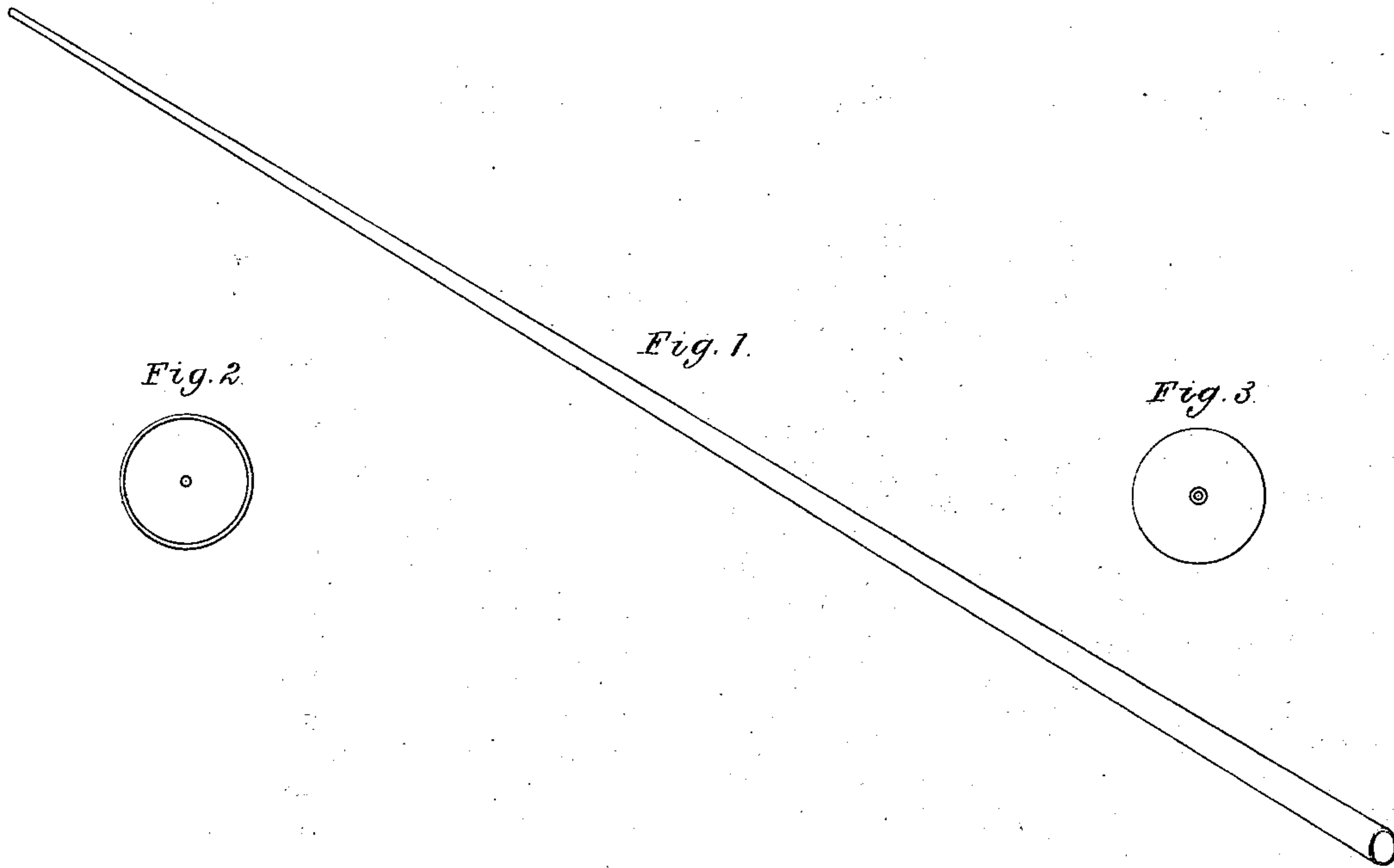


G. H. DOUGLAS.

Rubber-Covering for Whip-Stocks.

No. 153,762.

Patented Aug. 4, 1874.



Witnesses
S. H. Piper
L. N. Holden

George H. Douglas
by his attorney
N. H. Edley

UNITED STATES PATENT OFFICE.

GEORGE H. DOUGLAS, OF WESTFIELD, MASSACHUSETTS.

IMPROVEMENT IN RUBBER COVERINGS FOR WHIP-STOCKS.

Specification forming part of Letters Patent No. **153,762**, dated August 4, 1874; application filed May 13, 1874.

To all whom it may concern:

Be it known that I, GEORGE H. DOUGLAS, of Westfield, in the county of Hampden and State of Massachusetts, have invented a new and useful Manufacture or Covering for Whip-Stocks; and do hereby declare the same to be fully described in the following specification and represented in the accompanying drawings, of which—

Figure 1 denotes a perspective view of it; Fig. 2, a view of its larger end; Fig. 3, a view of its smaller end.

It is an elastic tapering seamless and water-proof tube, generally about seven feet in length, three-fourths of an inch in diameter at its larger end, and about three twenty-fourths of an inch in diameter at its smaller end. Its thickness is about the twenty-fourth part of an inch. It tapers regularly from end to end, and is made of india-rubber or its equivalent vulcanized.

I do not confine it to the precise proportions above stated, as they may be varied to suit the size of the stock to be covered.

When used it is to be drawn endwise upon

the stock so as to fit it closely, cement being used, if desirable, to connect it therewith.

In order to finish a whip after its stock may have been thus covered, the elastic seamless tapering covering may be painted or varnished or covered with braiding or a woven covering. The external surface of the rubber covering may be embossed or figured to imitate braiding, and, if desirable, the covering may be formed with projections in imitation of the usual whip mountings. Being water-proof and seamless the whip covering completely protects the stock from humidity or water, and thus preserves its glue or cement in its normal or hard condition, and being elastic, both lengthwise and widthwise, the covering can readily be made to fit any stock.

I claim—

As a new manufacture, the seamless elastic tapering and water-proof whip covering, substantially as described.

GEO. H. DOUGLAS.

Witnesses:

HENRY FULLER,
SAMUEL J. DOUGLAS.

