June 10, 1924. 1,497,185

A. S. MITCHELL

FLEXIBLE TOOL FOR INSERTING PADDING INTO UPHOLSTERY

Filed March 5, 1923

FIG. 1

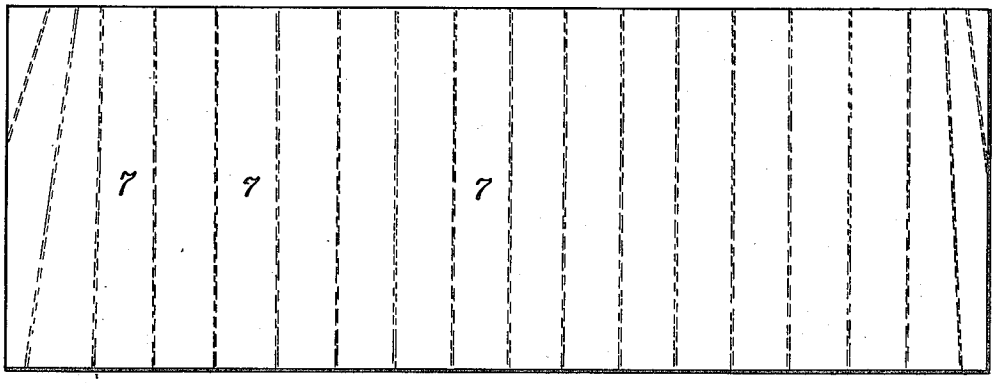



FIG. 2

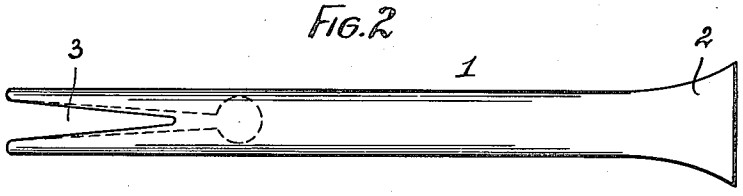



FIG. 3

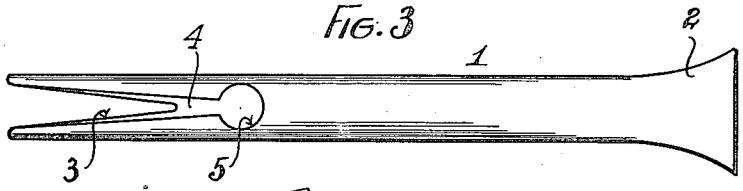
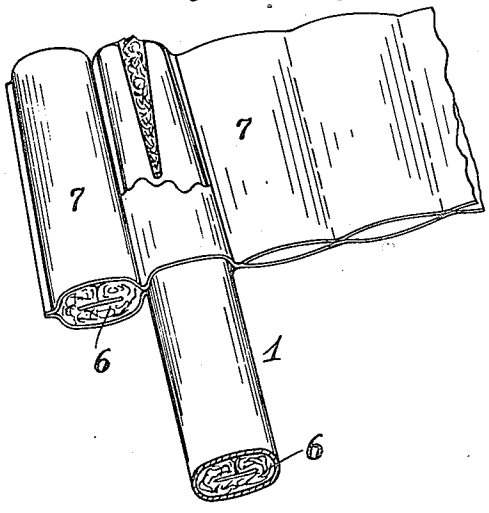



FIG. 4




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# UNITED STATES PATENT OFFICE.

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## FLEXIBLE TOOL FOR INSERTING PADDING INTO UPHOLSTERY.

Application filed March 5, 1923. Serial No. 622,900.

*To all whom it may concern:*

Be it known that I, ALLISTER S. MITCHELL, a citizen of the United States, residing at Oakland, in the county of Alameda and State of California, have invented certain new and useful Improvements in Flexible Tools for Inserting Padding into Upholstery, of which the following is a specification.

My invention is an improved padding filler, and an improvement on my co-pending application, Serial No. 609,608, filed December 29th, 1922.

Automobile cushions are made up of a plurality of tubes or pipes which are formed by sewing two strips of material together at intervals. A number of tubes in each cushion converge towards the top, consequently the filler which carries the padding must be yieldable in order to enter these tubes.

The object of my invention is to provide a tubular padding filler which has a yieldable tip that adapts it to diverging tubes or pipes.

In the drawing is which my invention is illustrated—

Fig. 1 is a plan view of a strip of automobile upholstery.

Fig. 2 is a plan view of my filler.

Fig. 3 is a bottom view of the same.

Fig. 4 is a fragmentary perspective view, showing the filler and the padding inserted in one of the tubes in the upholstery.

Referring more particularly to the drawing:—A holder 1 is preferably formed of metal tubing and a cross section approximately that which the padding will finally take. The holder 1 has an enlarged receiving opening 2 formed on one end thereof for the reception of the padding. Two elongated notches 3 and 4 are formed on opposite sides of the other end of the holder 1. The notch 4 is longer than the notch 3 and terminates in a circular cut 5. By this construction the end of the holder 1 is made yieldable—that is the end can compress in a direction at right angles to the notches 3 and 4, which enables the filler to enter the conveying pipes of the upholstery.

The method of operation of my invention is as follows: A long strip of padding 6, is inserted in the holder 1, until a portion comes opposite the notches 3 and 4. The holder is then inserted in one of the pipes 7, as shown in Fig. 4, and pushed through the proper distance. The holder is then withdrawn from the pipes leaving the padding therein.

The metal of the holder 1 is sufficiently resilient so that it will always return to its original diameter after being compressed in the pipe.

Having described my invention, I claim:

1. A padding filler for upholstery which consists of a hollow O-shaped tube of substantially uniform cross section for the major portion of its length and V-shaped projections extending beyond the tube, the V-shaped projections being adapted to be inserted in the pipe of the upholstery.

2. A padding filler for upholstery which consists of a substantially O-shaped tube having a flaring end adapted to receive the padding, the opposite end of the tube being provided with transversely collapsible projections adapted to be inserted in the pipe of the upholstery.

3. A padding filler for upholstery which consists of a hollow holder, said holder adapted to receive a strip of padding and to be inserted in the pipe of the upholstery, and the end of said holder having two elongated notches formed therein, one notch being longer than the other, and the longer notch ending in a circular opening.

4. A padding filler for upholstery which consists of a substantially O-shaped tube provided with an end portion substantially larger than the body portion of the tube, resilient substantially V-shaped projections extending from the other end of the tube and serving as a means whereby the padding within the holder may be compressed by the operator clasping the two projections.

5. A padding filler for upholstery which consists of a hollow holder, said holder adapted to receive a strip of padding and to be inserted in the pipe of the upholstery, the end of said holder having two elongated notches formed therein, one notch being longer than the other.

In testimony whereof I affix my signature.

ALLISTER S. MITCHELL.