

(No Model.)

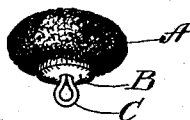
G. DOOLITTLE.

MANUFACTURE OF UPHOLSTERY TUFTS.

No. 384,896.

Patented June 19, 1888.

*Fig 1*



*Fig 2*



*Witnesses.*

*S. S. Williamson.*

*Julian H. Sterling.*

*Inventor.*

*George Doolittle.*

*By*

*Smith and Hubbard.*

*Atty.*

# UNITED STATES PATENT OFFICE.

GEORGE DOOLITTLE, OF BRIDGEPORT, CONNECTICUT, ASSIGNOR, BY MESNE ASSIGNMENTS, TO S. H. HUBBARD, OF SAME PLACE, AND JOHN K. BEACH, OF NEW HAVEN, CONNECTICUT, TRUSTEES.

## MANUFACTURE OF UPHOLSTERY-TUFTS.

SPECIFICATION forming part of Letters Patent No. 384,896, dated June 19, 1888.

Application filed May 12, 1886. Serial No. 201,993. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE DOOLITTLE, a citizen of the United States, residing at Bridgeport, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Methods of Making Upholsterers' Tufts; 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.

My invention relates to certain novel and useful improvements in the methods of making tufts for upholstery purposes, and has for its object to provide such an article as shall be exceedingly cheap and durable, while at the same time all stitching of the strands composing the tuft is done away with; and with these ends in view my invention consists in inserting a mass of yarn or other fiber in compressed form within a cup-shaped metal back and then crimping the edges of said back inward against the yarn or fibers.

In order that those skilled in the art to which my invention appertains may more fully understand how to make and use the same, I will proceed to describe it in detail, referring by letter to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a perspective view of my improved tuft, and Fig. 2 a central longitudinal section.

Similar letters denote like parts in both figures of the drawings.

A is the body of the tuft, composed of strands of yarn or other suitable fiber, and B

the back of the tuft, made of metal. This back is cup-shaped, and the side thereof is crimped firmly against the body A. C is an eye secured to the metal back, and by means of which the tuft is secured to the upholstery.

In the manufacture under my improvement, the strands of yarn are assembled, and while compressed inserted within the metal back, and the latter is then crimped against the strands. The strands are then sheared according to the length of pile desired.

I am aware that upholsterers' tufts have been made heretofore by sewing the yarn or fiber together and securing metal backs to said sewed tufts, and in fact I myself have been making such sewed tufts with metal backs for several years, and I therefore do not wish to be understood as claiming any such construction.

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

The method of making upholsterers' tufts, which consists in inserting a mass of unsewed yarn or other fiber under temporary compression within a cup-shaped metal back and then crimping the sides of said back firmly against said yarn or fiber, substantially as set forth.

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

GEORGE DOOLITTLE.

Witnesses:

S. S. WILLIAMSON,  
JULIAN H. STERLING.