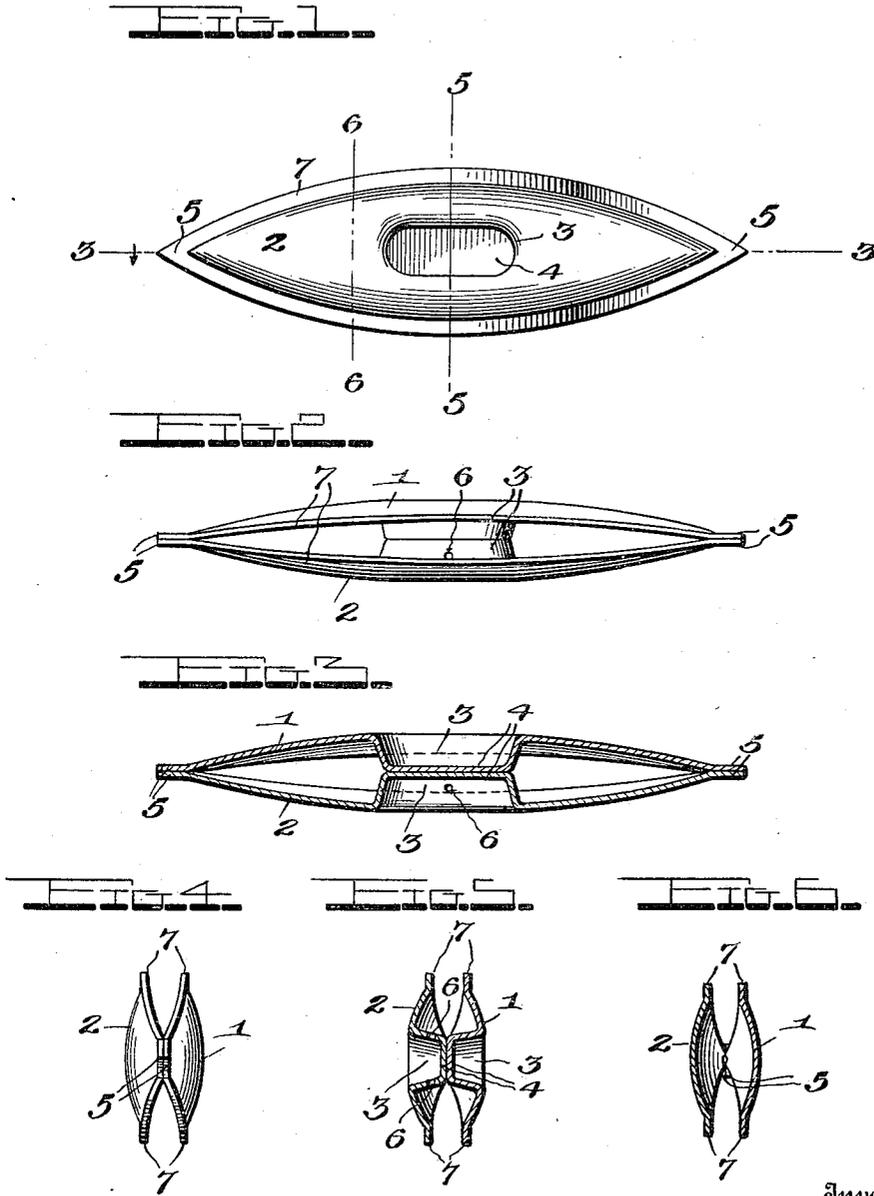


D. H. BUTLER.  
TATTING SHUTTLE.  
APPLICATION FILED MAY 11, 1917.

1,272,210.

Patented July 9, 1918.



Inventor

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# UNITED STATES PATENT OFFICE.

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## TATTING-SHUTTLE.

1,272,210.

Specification of Letters Patent.

Patented July 9, 1918.

Application filed May 11, 1917. Serial No. 168,027.

*To all whom it may concern:*

Be it known that I, DAVID H. BUTLER, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented a new and useful Improvement in Tatting-Shuttles, of which the following is a specification.

This invention relates to certain new and useful improvements in tatting shuttles, and the primary object of the invention is to provide a shuttle of this character which is formed of two pieces of celluloid that are subsequently united.

A further object of the invention is to provide a tatting shuttle which when the two parts are united produces a shuttle that is formed with points which are accurately alined.

Other and further objects of the invention will be later herein set forth and of themselves manifested in the course of the following description.

In the drawings—

Figure 1 is a top view of the invention.

Fig. 2 is a side elevation.

Fig. 3 is a section on the line 3—3 of Fig. 1.

Fig. 4 is an end elevation.

Figs. 5 and 6 are sections taken on the lines 5—5 and 6—6 respectively of Fig. 1.

In proceeding in accordance with the present invention two similar parts 1 and 2 are produced from celluloid which parts possess the shape depicted in the drawings and are drawn into such shape, while the celluloid is in a warm condition, by means of suitable dies. Each part is of ovaloid form and is provided with a central out-struck part 3, forming closed bottoms 4, the latter being rigidly secured to each other, by means of suitable cement or otherwise. The struck out parts 3 conjointly form a spool about which the thread is wound and the parts 5, due to the resilient properties of the celluloid, are held in yielding contact, and still are easily separated by the action of the thread in drawing or moving the latter be-

tween points 5. The member 2 has threading openings 6.

In forming the parts they are preferably provided with substantially flat rim parts 7, the purpose of which is to impart rigidity to the celluloid so as to strengthen and reinforce the parts.

From the foregoing it will be evident that the parts are identical, that is to say one is a duplicate of the other, and that these parts may be produced easily and quickly, by mere die stamping operations, and subsequently may be easily and quickly united to produce the finished product.

Celluloid, by reason of being very light and inexpensive, enables shuttles to be produced which are easily handled and devoid of rough edges, and in addition possesses an attractive appearance and sanitary properties, as well, since the shuttles may be washed with soap and water so as to always be thoroughly clean and neat.

Further, the assembling of the two parts which involves mere cementing of one to the other, can be expeditiously performed and the points easily alined, as is manifest.

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

As a new article of manufacture, a tatting shuttle composed of two substantially similar celluloid members each of substantially ovaloid form having a central struck-out part forming a closed bottom, said bottoms being relatively long and wide and being cemented to each other in abutting relation, each member having a flat rim-like part extending throughout the periphery thereof, the flat rim-like parts at the ends of the members contacting with each other.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

DAVID H. BUTLER.

Witnesses:

ADA E. HAGERTY,

J. A. MILLER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."