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W. F. MINTEL.  
EMBROIDERY HOOP.  
APPLICATION FILED NOV. 17, 1908.

Patented Mar. 8, 1910.

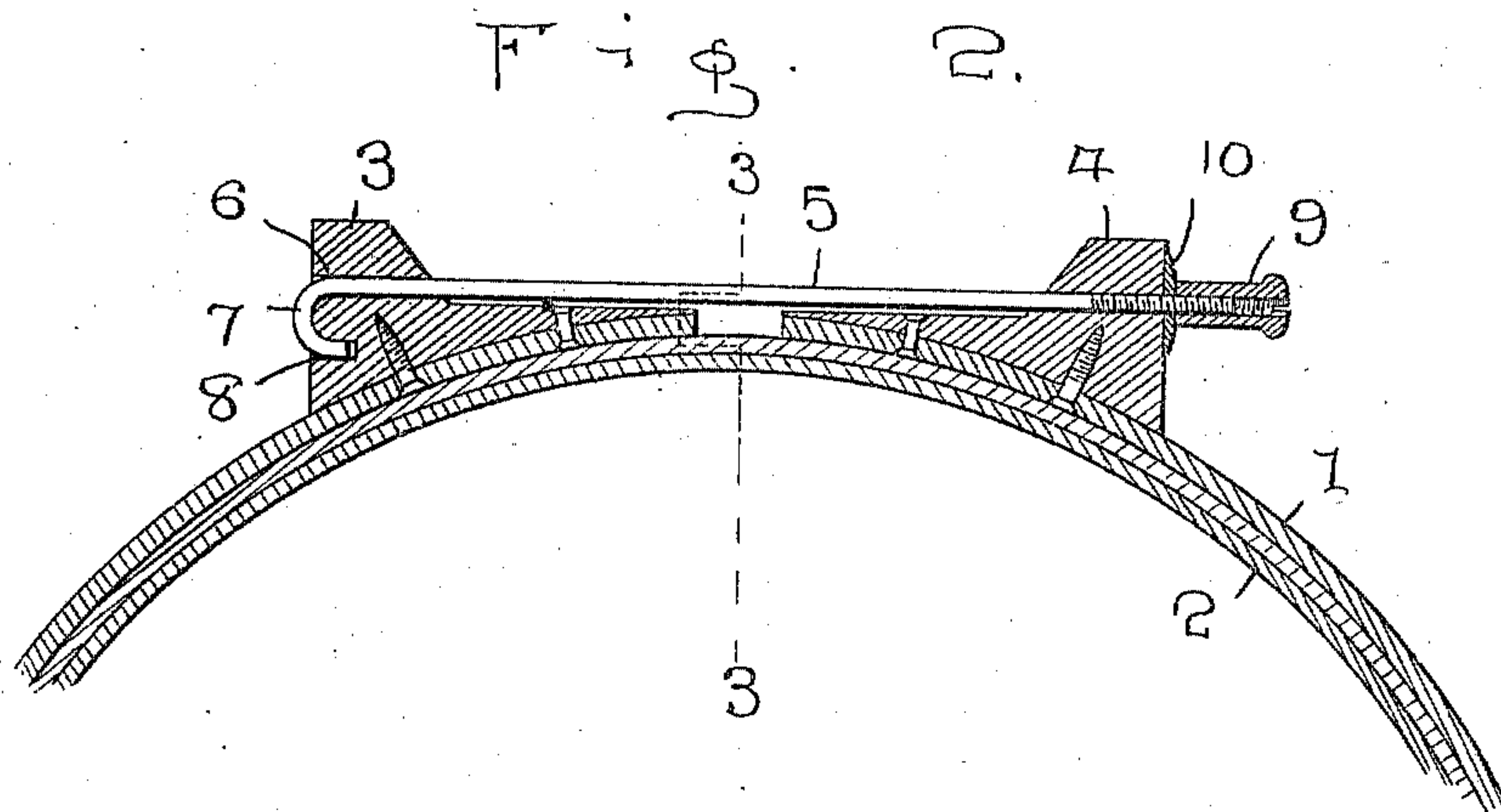
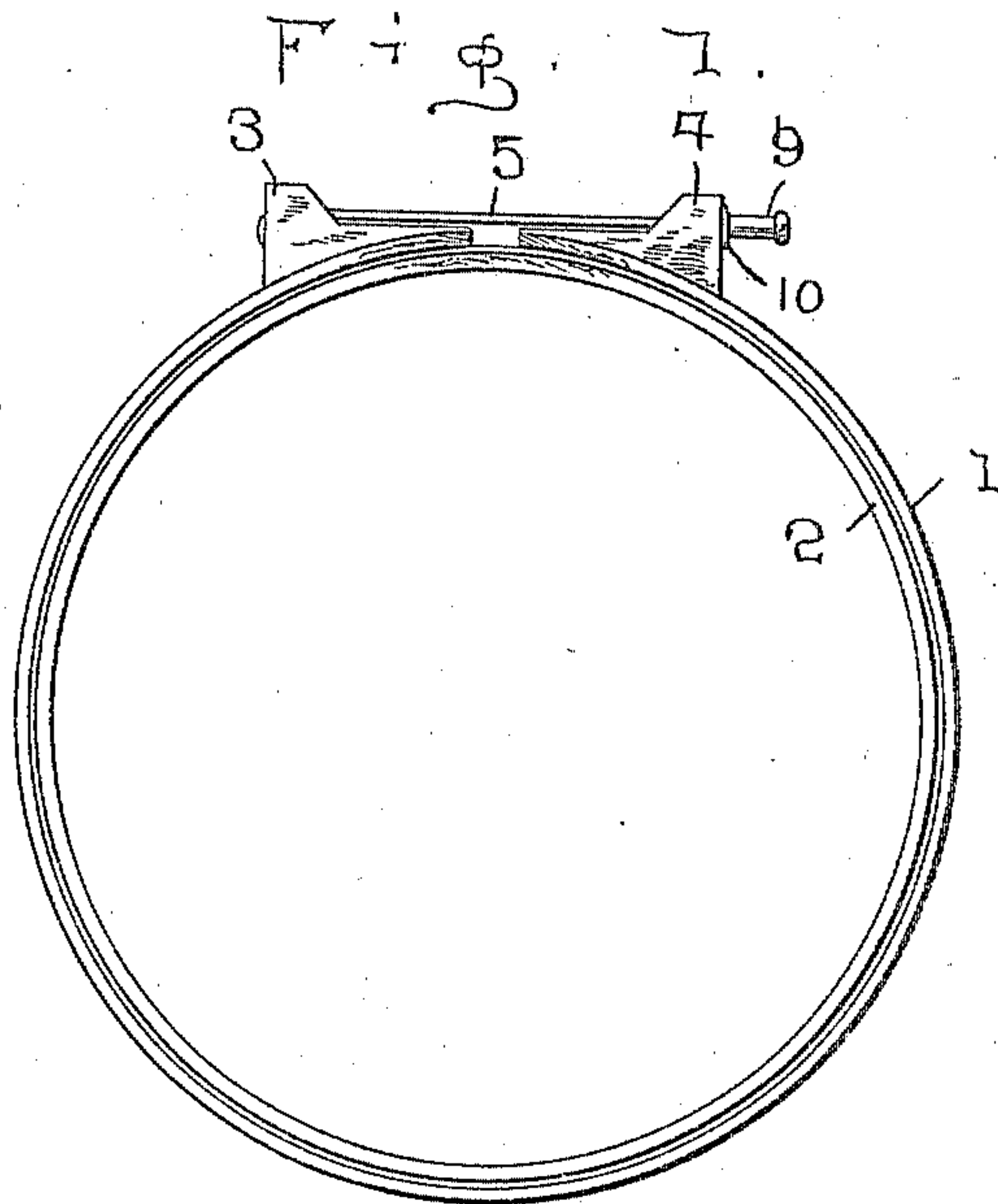
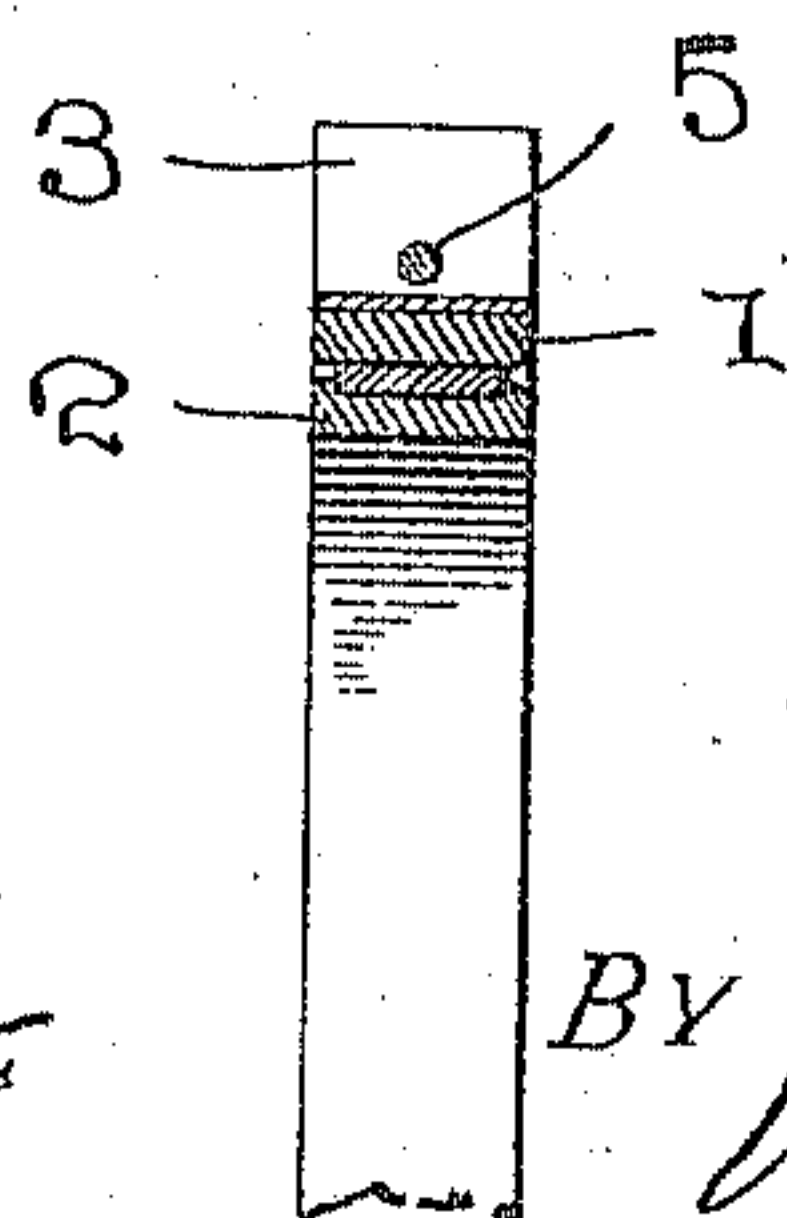


Fig. 3.



WITNESSES:

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# UNITED STATES PATENT OFFICE

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EMBROIDERY-HOOP.

951,509.

Specification of Letters Patent.

Patented Mar. 8, 1910.

Application filed November 17, 1908. Serial No. 463,085.

*To all whom it may concern:*

Be it known that I, WILLIAM F. MINTEL, a citizen of the United States, residing at Pawtucket, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Embroidery-Hoops; 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 new and useful improvements in what may be termed embroidery hoops for holding fabric or cloth while being decorated or embossed, and my object is to greatly simplify the construction of the parts and for rendering the same strong and durable and to provide for the manufacture of the device at the minimum expense.

The invention also contemplates the effective holding of the work and the ready adjustment of the device thereto.

It is known that heretofore, broadly, the use of a split ring or member has been employed in connection with an endless ring for the holding or retention of the material being operated upon, in effective position in drum-head like fashion, but these constitute no essential features of my invention, separately considered.

Other objects and advantages will be hereinafter referred to and more particularly pointed out in the claim.

In the accompanying drawings which are made a part of this application, Figure 1 is a plan view of my invention with the same adapted to receive the material to be operated upon. Fig. 2 is an enlarged detail section of the same, and, Fig. 3 is a section produced in accordance with the dotted line suggested by Fig. 2.

In describing the invention in detail, reference will be had to the accompanying drawings forming part of this specification, wherein like characters of reference denote corresponding parts in the several views.

In the embodiment of my invention, I employ in connection with a split hoop 1, an inner endless hoop 2 and means for effecting the adjustment and tension of the material between said hoops and in effective position, as will next be described.

The split hoop 1 is provided upon each side of its opening, with opposed outstanding bearings 3 and 4 firmly fastened to said

hoop for receiving an adjusting and connecting screw-threaded rod member 5, said rod member being received by passages or seats 6 formed in said bearings in a horizontal plane and in alinement with each other. One end of said rod member is inturned or formed in a hook terminal 7, with its inner end received by a socket or recess 8 formed in one of said bearings about parallel with the plane of said passages, thus providing for the effective retention of the end of said rod in place and removing it from appreciably projecting beyond said bearing and also from turning in said bearing. This, it will be seen, is necessary in order that said rod may be put under stress, as will be presently described and for holding the same in effective position while the adjustment and movement of the parts is being actuated in securing the material in place, as will be readily understood. The opposite or threaded end of said rod 5 is provided with a tubular nut or sleeve 9, for suitably stressing and bringing the parts together for the purpose above noted, by suitably manipulating said sleeve or nut, having interposed between it and one of the bearings for said rod or tightening member, a washer 10, the purpose of which is obvious.

It will be noted that the bearings 3 and 4 are of peculiar structural outline, having a broad base portion for that part secured to the split hoop and adapted to provide for a substantial connection therebetween and said split hoop in order to give strength and durability, said bearings each having that portion thereof provided with a passage or seat for the rod member, outstanding from said base portion and considerably contracted, thus providing for rendering the parts unnecessarily cumbersome for that purpose and yet retain the requisite strength and firmness.

I claim:

A device of the character described, consisting of a split hoop provided upon the opposite sides of its split with opposed brackets, each bracket having an end portion outstanding beyond the inner surface thereof, the outstanding portions, thus formed, having alining passages there-through, said brackets having opposed inwardly extending portions, the outer surfaces of which are also arranged in alinement with each other, said outstanding portions being provided with openings the bot-



toms of which are arranged substantially flush with said outer surfaces of the opposed inwardly extending portions of said brackets, one of said brackets being formed with  
5 a socket formed substantially in continuation of one of said openings and arranged parallel with said opening, that portion of the bracket forming the inner wall of said opening and said socket being a continuation of the other, and a rod received by the  
10 openings of said brackets and having one end turned inwardly and received by said socket, the opposite end of said rod be-

ing screw threaded, an internally screw-threaded sleeve applied to the threaded end 15 of said rod, and a washer interposed between the inner end of said sleeve and one of said brackets.

In testimony whereof I have signed my name to this specification in the presence of 20 two subscribing witnesses.

WILLIAM F. MINTEL.

Witnesses:

JOHN A. MANGAN,  
JOHN R. ELLSTON.