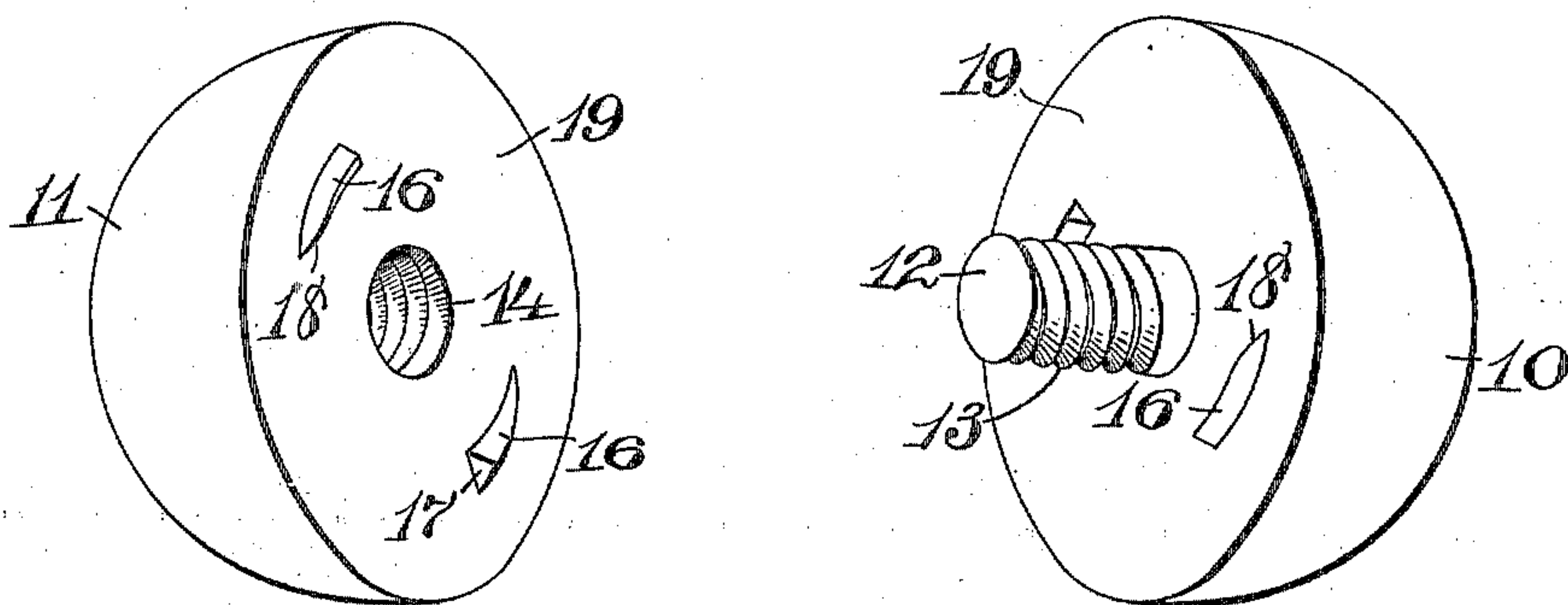


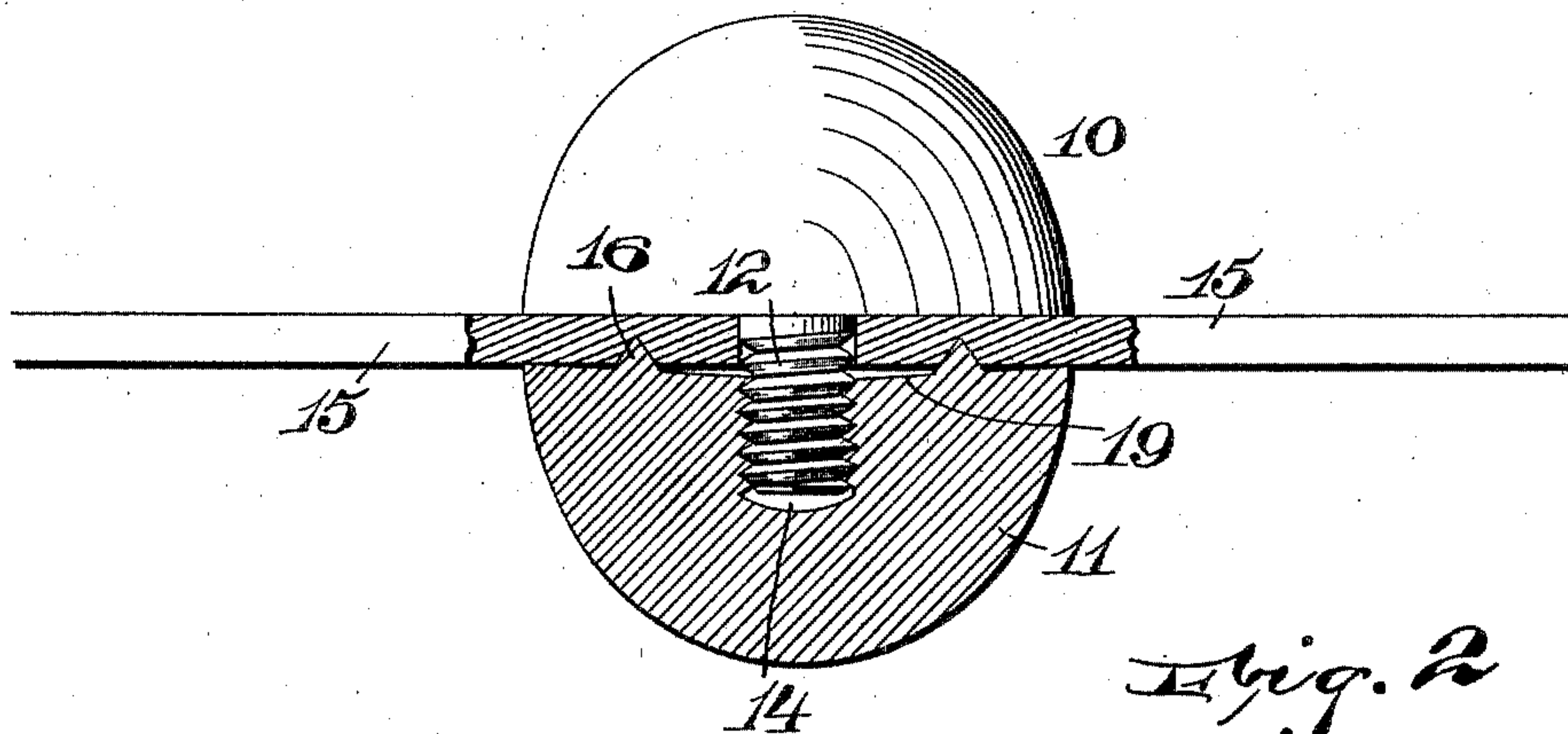
E. G. JEGGE.  
 REIN BUTTON.  
 APPLICATION FILED MAY 20, 1909.

947,992.

Patented Feb. 1, 1910.



*Fig. 1*



*Fig. 2*

WITNESSES:  
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*Emil G. Jegge*  
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# UNITED STATES PATENT OFFICE.

EMIL G. JEGGE, OF NEWARK, NEW JERSEY, ASSIGNOR TO THE DURANOID MFG. CO.,  
OF NEWARK, NEW JERSEY, A CORPORATION OF NEW JERSEY.

## REIN-BUTTON.

947,992.

Specification of Letters Patent.

Patented Feb. 1, 1910.

Application filed May 20, 1909. Serial No. 497,185.

*To all whom it may concern:*

Be it known that I, EMIL G. JEGGE, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Rein-Buttons; 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, reference being had to the accompanying drawings, and to figures of reference marked thereon, which form a part of this specification.

This invention relates to a button for driving-reins, and is designed to provide means for making a close fit between the edges of the button and the surface of the rein, and also to insure the security of the button on the reins. The buttons are usually made to screw together, one being provided with a screw-threaded stud and the other having a screw-threaded perforation, the stud passing through the rein and into the perforation in the other button.

This invention provides means for engaging the opposite faces of the rein to prevent the untwisting or unscrewing of the buttons from each other.

The invention is illustrated in the accompanying drawing, in which—

Figure 1 is a perspective view of the two members making up the button, and Fig. 2 is a view showing one button in section and the other button in elevation, the rein being broken away where the members come together.

The button consists of two members 10 and 11, the member 10 having a stud 12 thereon, which stud is provided with a screw-thread 13 and is adapted to enter a screw-threaded recess 14 in the member 11. The members are made with their outer faces round so that when they are assembled they form a structure spherical or nearly so. The opposed faces of the members are substantially flat and grasp the rein 15 between them when the members are screwed together. I provide the faces of the members with pro-

jections 16 which can be of any shape, but I prefer to make them triangular in cross-section so that they will enter into the leather of the rein more easily than a blunt surface, these projections having a flush face 17 so as to form a surface to abut on the rein and prevent the unscrewing of the members, each of the projections having an inclined portion 18, this portion, being inclined down to meet the face 19 of each member and being inclined toward the face in the same direction as the member on which it is, will be turned to be screwed to the other member. The inclined surface thus makes the turning of the button, in the direction to fasten it, easy, but the blunt face 17 on the projections causes an engagement with the rein when the parts are to be unscrewed that prevents the removal of the members, and the button is securely in place.

The face 19 of each member is preferably made slightly concave so that a slight space is provided for the buckling of the rein between the members when the projections enter the material of the rein, and this permits a tight flush fit on the edges of the members where they engage the rein.

Having thus described my invention, what I claim is:—

1. A button consisting of two members, the members having co-acting means passing through the rein and securing the members together when they are rotated in opposite directions, the opposed faces of the members being slightly concave and of the same diameter with their peripheries substantially in line, and projections on the opposed faces of the members and inclined to the surface of the faces of the members in the same direction as the members are rotated to secure them together, the concavity of the members allowing for the displacement of the reins by the projections.

2. A button consisting of two substantially semi-spherical members, the opposed faces of the members being slightly concave, projections on the faces of the members, each projection being substantially triangular in cross-section and being inclined toward the

face of its member in the same direction as  
the member would be rotated to secure it,  
and co-acting means on the members adapted  
to pass through the rein and secure the mem-  
5 bers together when they are rotated in op-  
posite directions.

In testimony, that I claim the foregoing,

I have hereunto set my hand this 19th day of  
May 1909.

EMIL G. JEGGE.

Witnesses:

E. A. PELL,

WM. H. CAMFIELD.