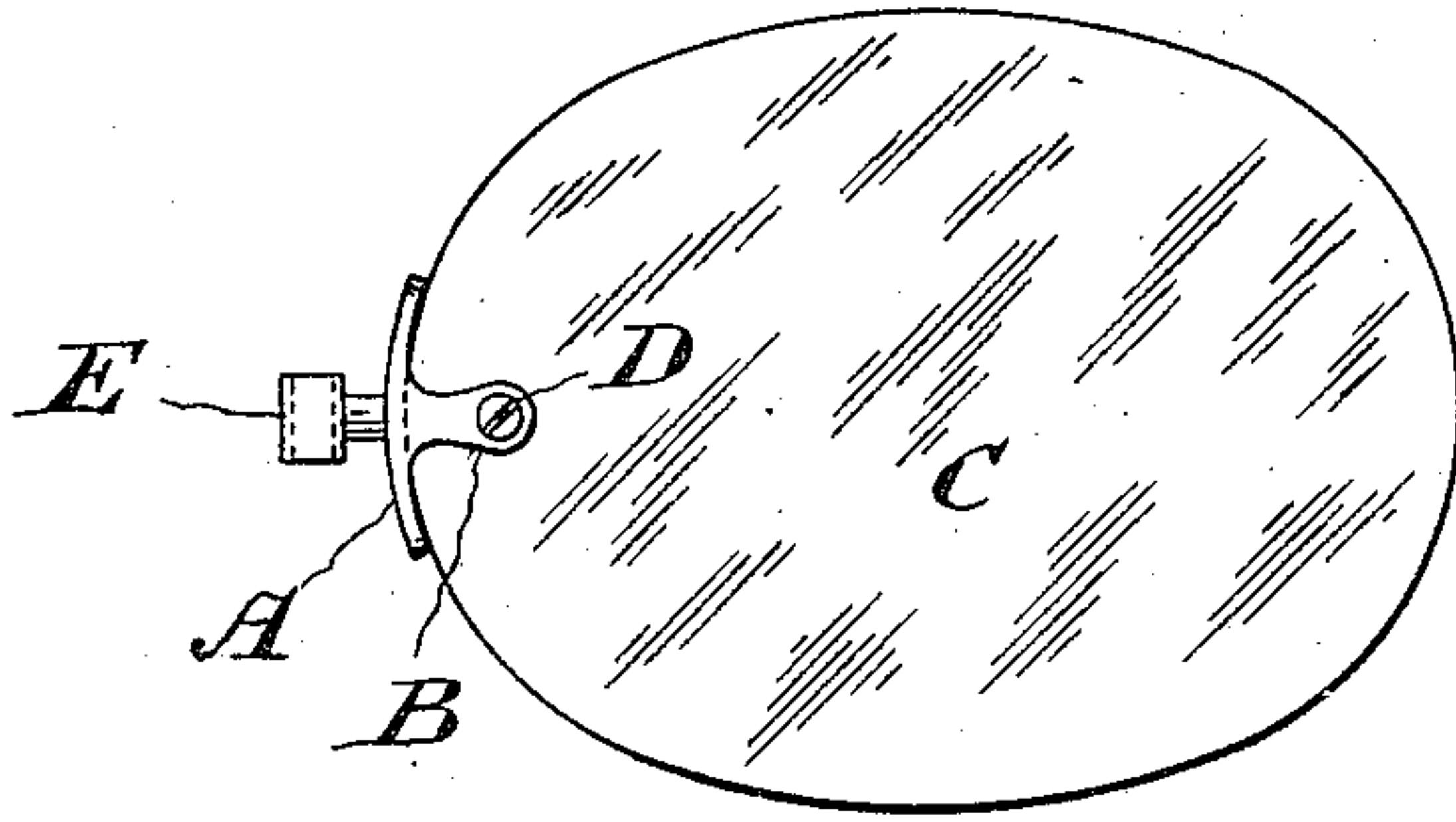


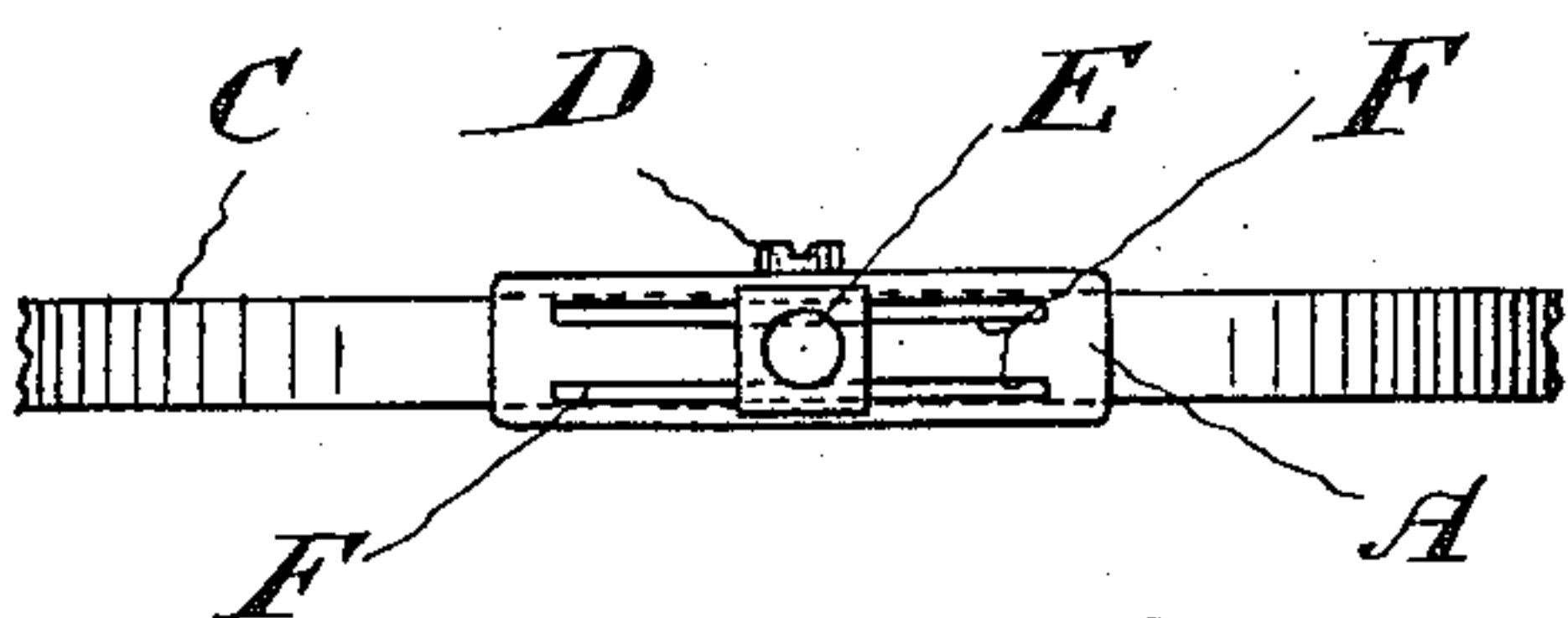
F. W. NOLTE.  
LENS CLAMP.  
APPLICATION FILED NOV. 10, 1910.

999,517.

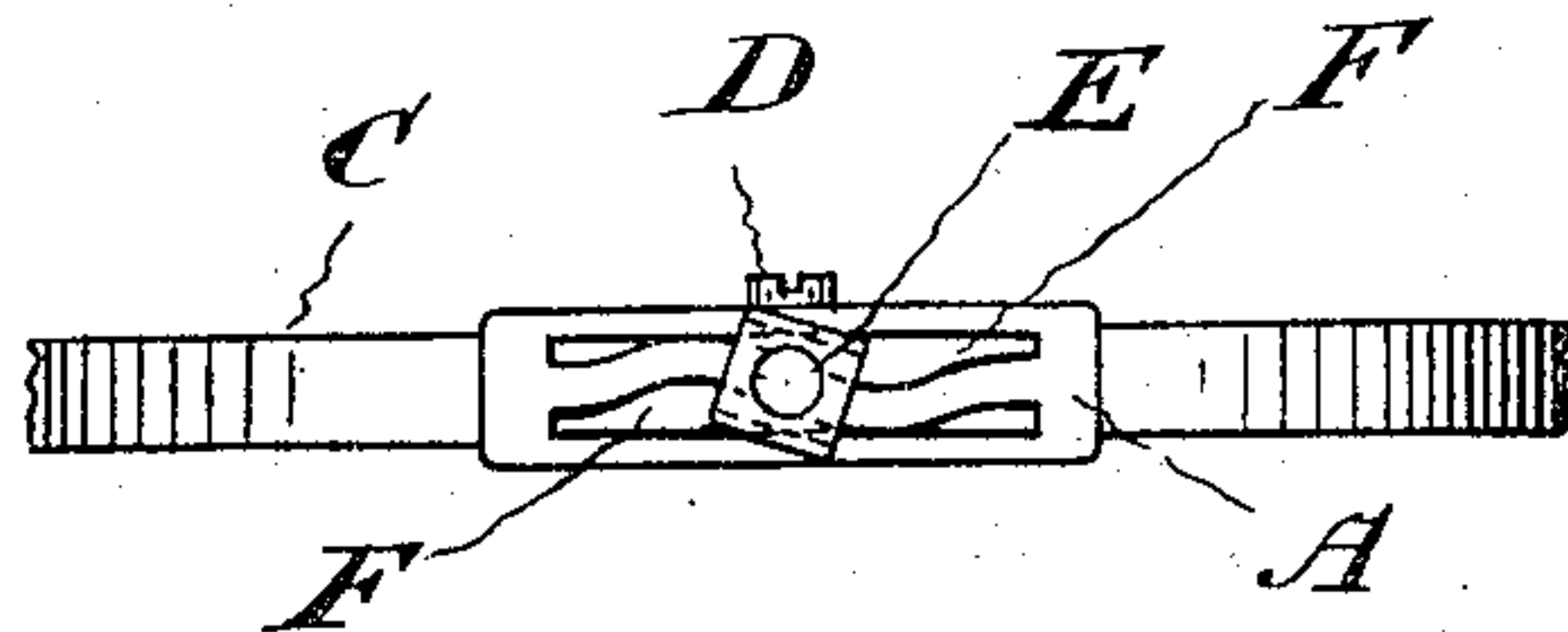
Patented Aug. 1, 1911.



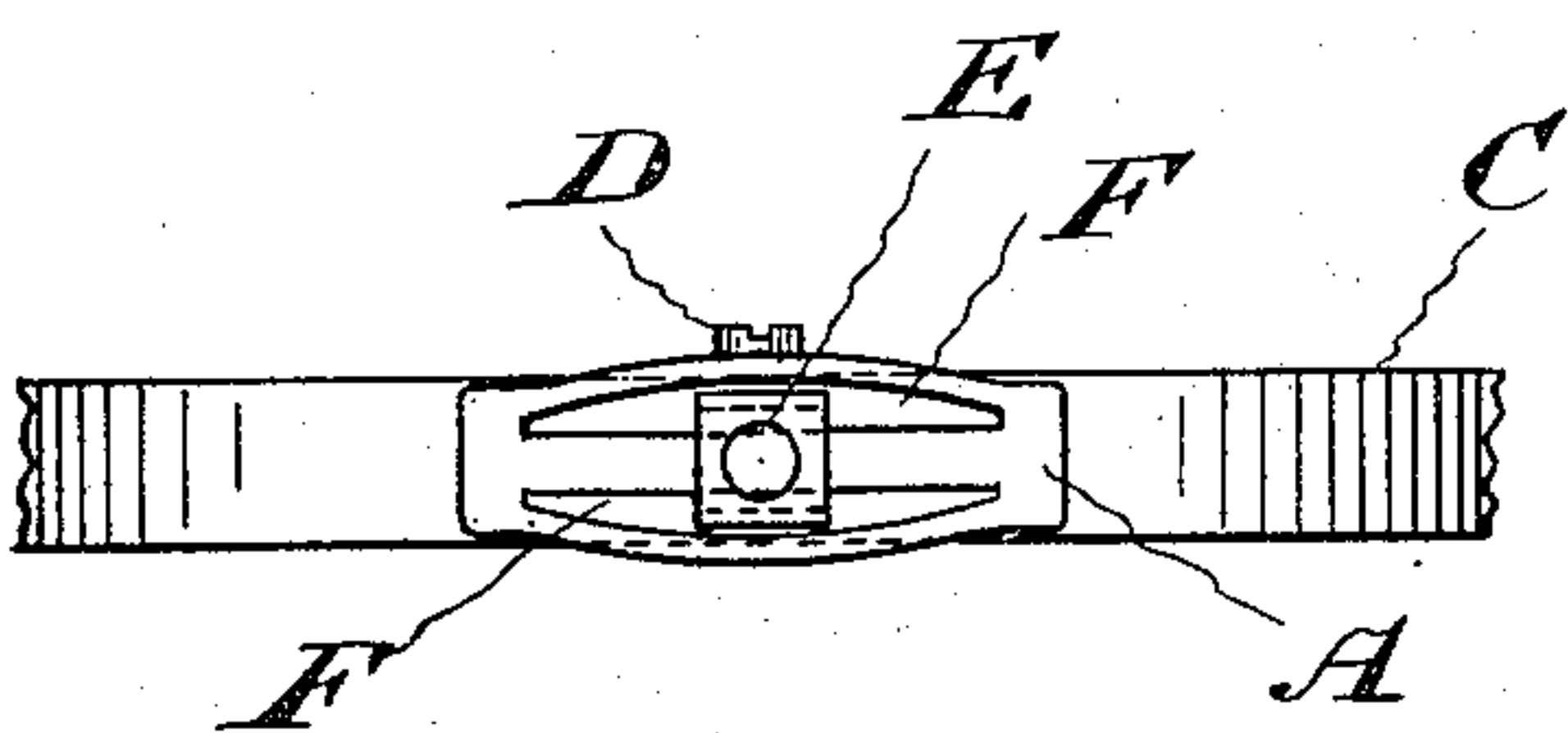
*Fig. 1*



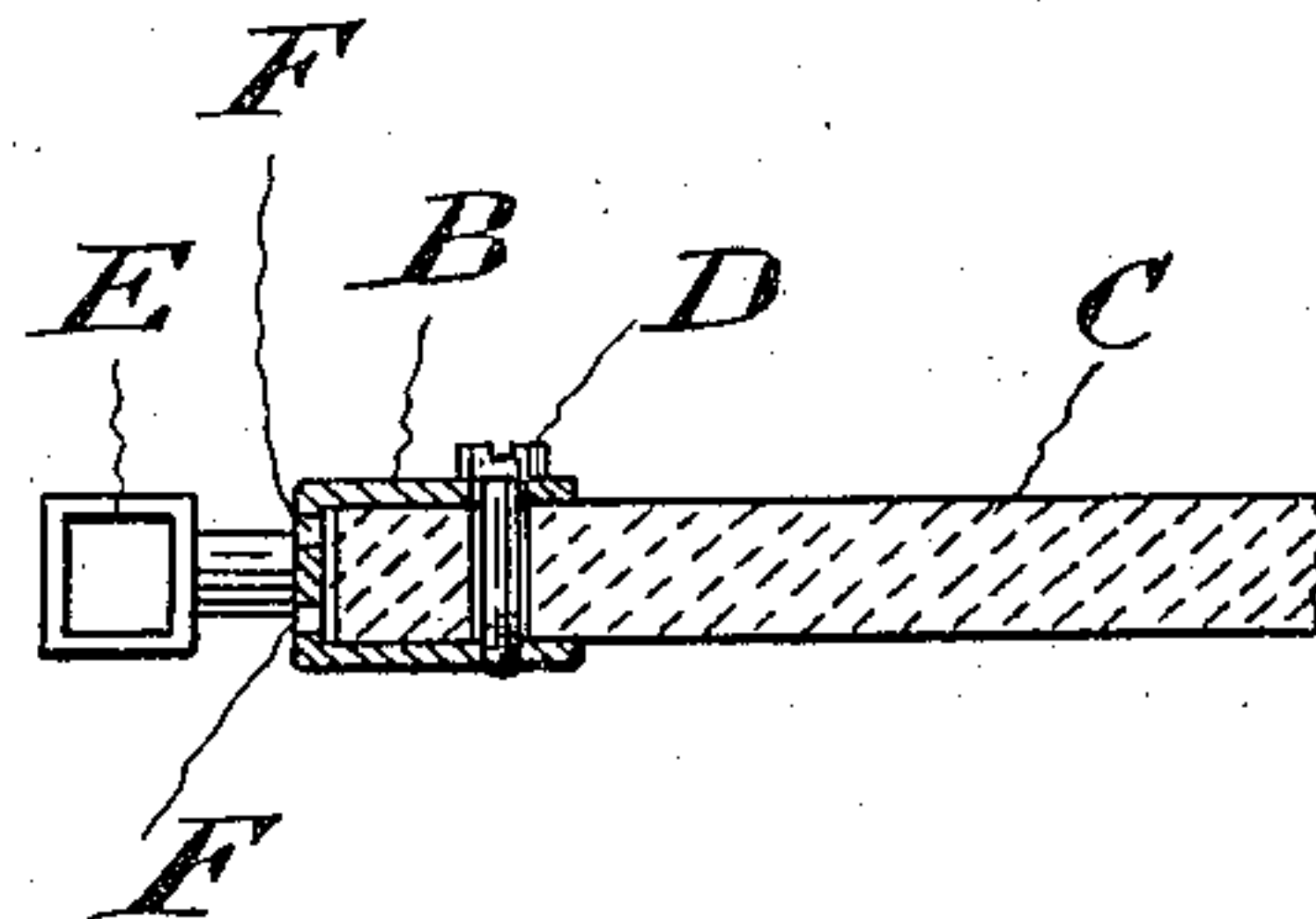
*Fig. 2*



*Fig. 4*



*Fig. 3*



*Fig. 5*

WITNESSES:

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# UNITED STATES PATENT OFFICE.

FREDERICK W. NOLTE, OF VICTORIA, BRITISH COLUMBIA, CANADA.

## LENS-CLAMP.

999,517.

Specification of Letters Patent.

Patented Aug. 1, 1911.

Application filed November 10, 1910. Serial No. 591,690.

*To all whom it may concern:*

Be it known that I, FREDERICK W. NOLTE, of the city of Victoria, in the Province of British Columbia, Canada, have invented  
5 certain new and useful Improvements in Lens-Clamps, of which the following is a specification.

The object of my invention is to devise a universal lens clamp, that is a clamp which  
10 though made in one size only may be made to fit any thickness of lens within reasonable limits and which permits of the stud being turned or bent relative to the saddle.

I attain my object by forming two slits in  
15 the saddle of the clamp which slits extend nearly from end to end of the saddle. The metal of the saddle is thus divided into three strips. To the outer strips the strap is connected as usual and to the center the  
20 stud. With this construction it is an easy matter to spread the ends of the strap apart to any desired width, or to twist or turn the stud to give the lens any desired inclination to the mounting.

Figure 1 is a front elevation of my improved clamp with a lens in position. Fig. 2  
25 is a side elevation of the same as applied to a thin lens. Fig. 3 is a similar view showing the clamp applied to a thick lens. Fig. 4  
30 is a similar view showing the stud of the lens clamp twisted. Fig. 5 is a cross section through the clamp and a portion of a lens.

In the drawings like letters of reference  
35 indicate corresponding parts in the different figures.

The lens clamp comprises the usual parts, namely the saddle A the strap B, the ends of which embrace the lens C and are secured thereto by means of a screw D, and the stud  
40 E. In the drawings the stud is shown of a type commonly employed in eye-glasses. For spectacles a somewhat different form is employed, but this in no wise affects the present invention.

I obtain the desired adjustability by slit- 45  
ting the saddle longitudinally. Preferably two slits F are formed in the saddle and these extend within a short distance of each end of the saddle. The metal of the saddle is thus divided into three strips the ends of 50  
the strap B being connected with the outer strips and the stud E connected to the center strip. I am thus enabled to separate the ends of the straps, as shown particularly in Fig. 3, by bending outwardly the outer 55  
portions of the saddle. Also any desired twist may be given to the stud as indicated in Fig. 4, the center strip of the saddle bending into an undulatory form as shown.

In Fig. 5 I show the stud with its axis in 60  
alinement with the lens. It is evident that with the construction described the stud might be bent out of alinement with the lens, if desired, in any direction. It is evident then, from the construction described, 65  
that the clamp may be made to fit almost any thickness of lens within reasonable limits and that the lenses may be set relative to the studs at any desired angle.

What I claim as my invention is:— 70

1. In a lens clamp a saddle; a strap connected thereto at each side and a stud connected thereto centrally, the saddle being slit longitudinally at each side of the stud.

2. In a lens clamp a saddle; a strap con- 75  
nected thereto at each side and a stud connected thereto centrally, the saddle being slit longitudinally at each side of the stud, the slits extending within a short distance  
80 of each end of the saddle.

Victoria, B. C., Canada, this 1st day of Nov. 1910.

FREDERICK W. NOLTE.

Signed in the presence of—

H. J. O'LEARY,

R. F. FITZPATRICK.