

(No Model.)

G. W. WELLS.  
NOSE GUARD FOR EYEGLASSES.

No. 604,448.

Patented May 24, 1898.

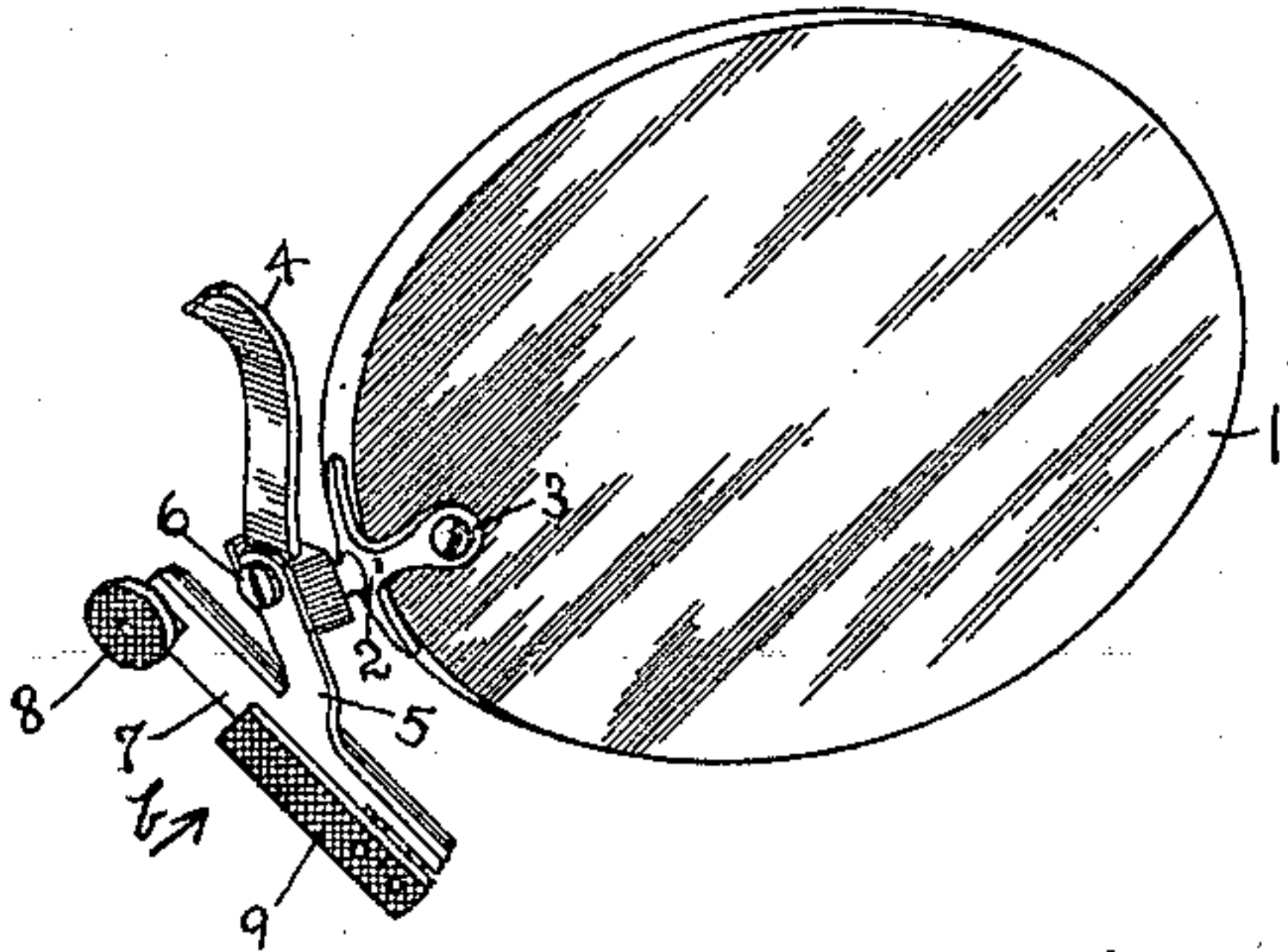


Fig. 1.

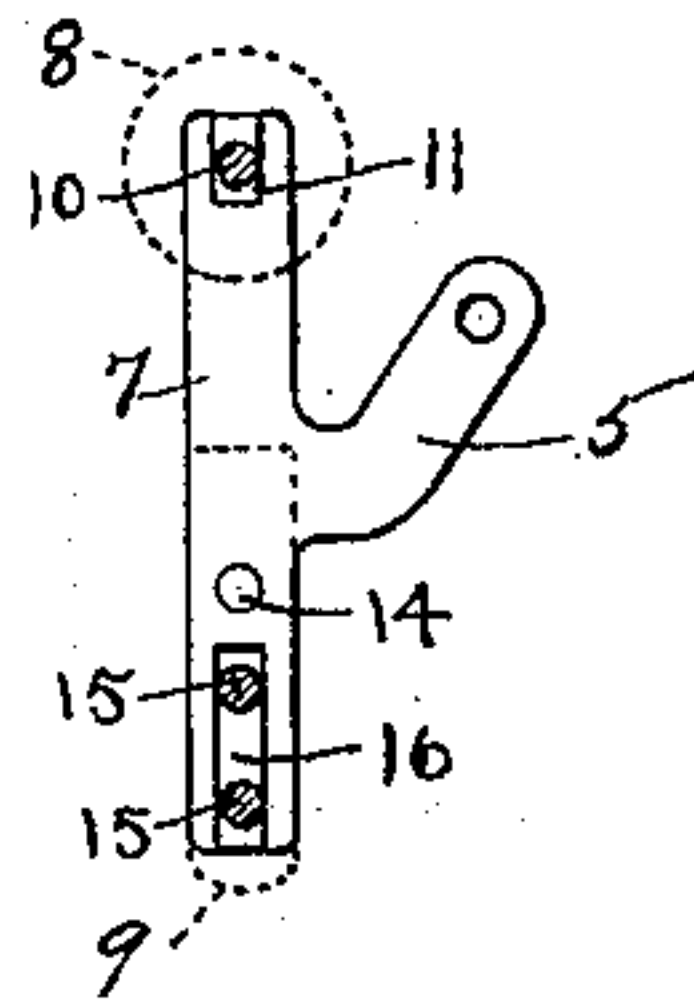


Fig. 2.

Fig. 3.

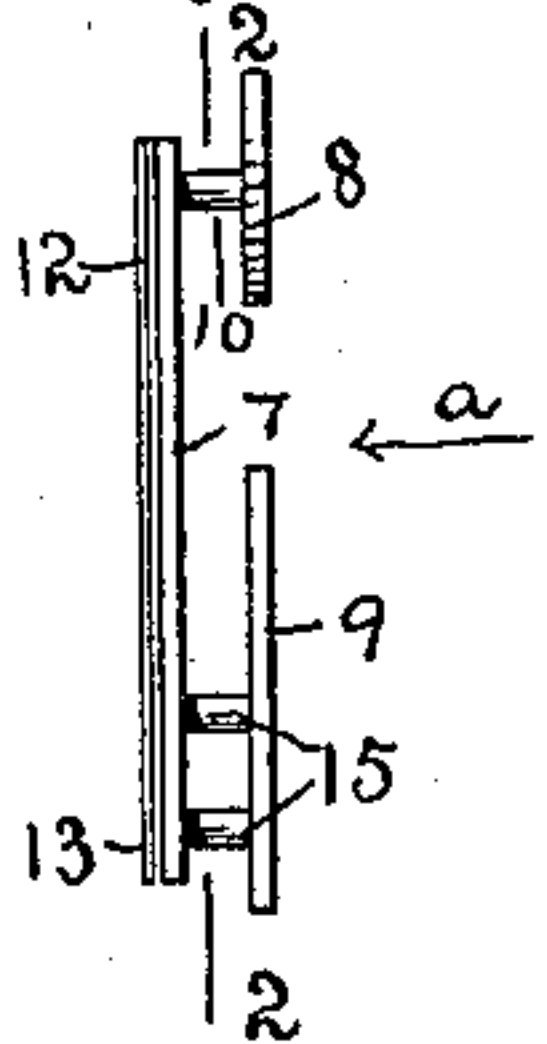


Fig. 4.

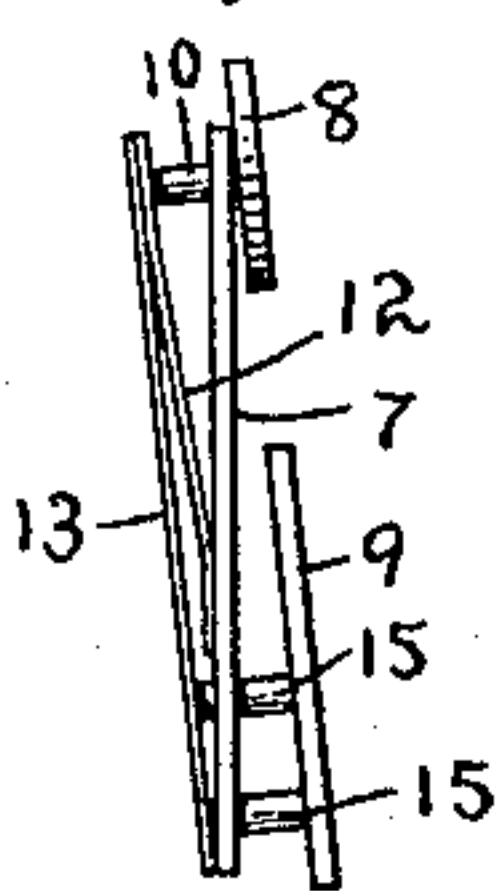


Fig. 5.

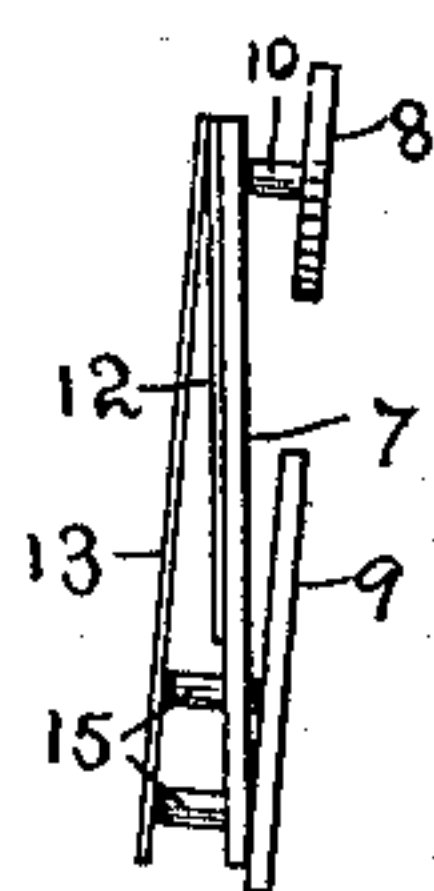


Fig. 6.

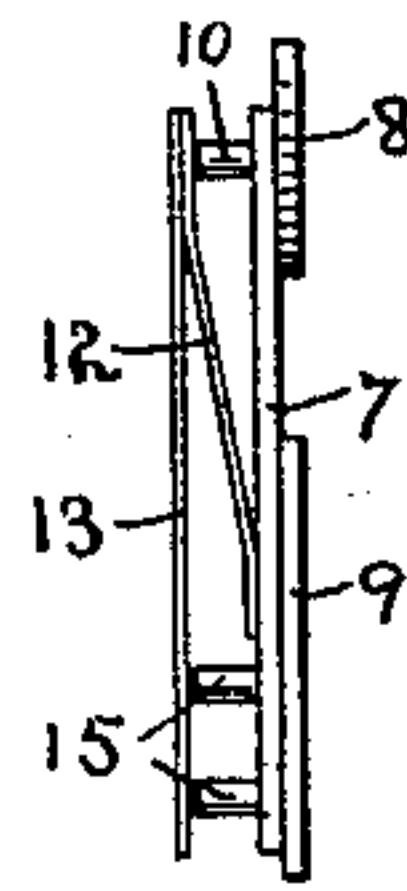


Fig. 7.

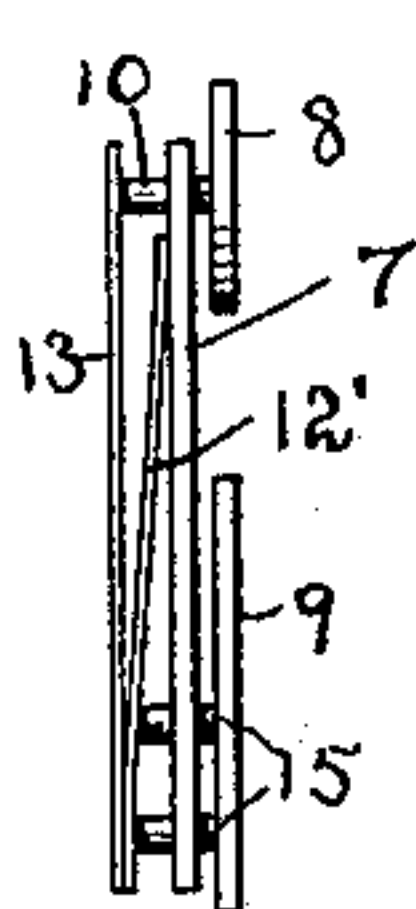


Fig. 8.

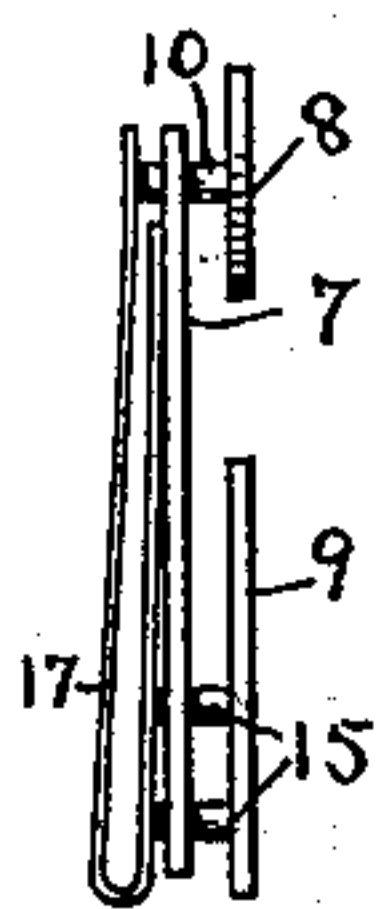
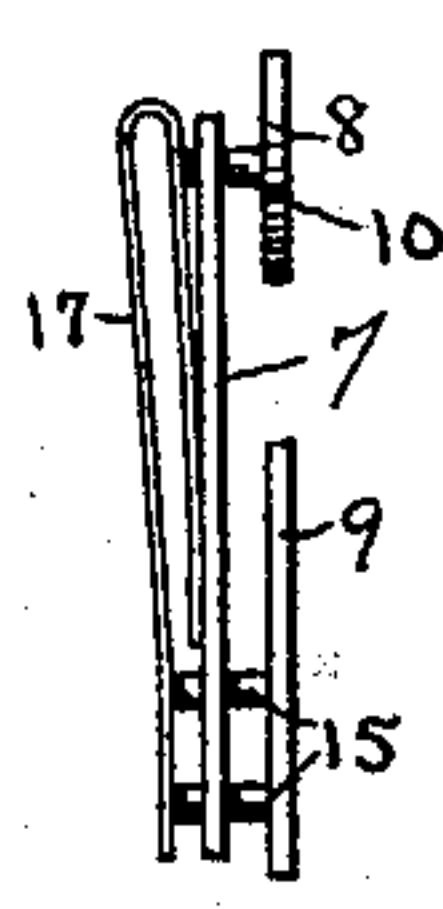


Fig. 9.



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# UNITED STATES PATENT OFFICE.

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## NOSE-GUARD FOR EYEGLASSES.

SPECIFICATION forming part of Letters Patent No. 604,448, dated May 24, 1898.

Application filed June 21, 1897. Serial No. 641,563. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE W. WELLS, a citizen of the United States, residing at South-bridge, in the county of Worcester and State  
5 of Massachusetts, have invented certain new and useful Improvements in Nose-Guards for Eyeglasses, of which the following is a specification.

My invention relates to nose-guards for eye-  
10 glasses; and the object of my invention is to provide an improved nose-guard having a rigid arm or portion secured to the post of the eyeglasses in the ordinary way and carry-  
15 ing the main part or bar of the nose-guard, preferably offset and made integral with said arm. Two separate nose pieces or pads, of horn or other suitable material, are combined with the main part of the nose-guard and extend upon the inner side thereof. Each nose-  
20 piece has an independent spring motion, and both nose-pieces have a conjoint spring motion relative to the main part of the nose-guard and in a plane parallel to the plane of said main part.

25 My invention consists in certain novel features of construction of my nose-guard, as will be hereinafter fully described.

Referring to the drawings, Figure 1 is a per-  
30 spective view of one of a pair of eyeglasses with my improved nose-guard combined therewith. Fig. 2 is a section on line 2 2, Fig. 3, looking in the direction of arrow *a*, same figure. Fig. 3 is a front edge view of the nose-guard shown in Fig. 1, looking in the direc-  
35 tion of arrow *b*, same figure, showing the parts in their normal position. Fig. 4 shows the upper nose-piece pushed back. Fig. 5 shows the lower nose-piece pushed back. Fig. 6 shows both nose-pieces pushed back against  
40 the main part of the nose-guard. Fig. 7 shows a modified construction of the nose-guard shown in the previous figures. Fig. 8 shows a second modified construction, and Fig. 9 shows a third modified construction.

45 In the accompanying drawings, 1 is the lens.

2 is the post, secured in this instance to the rimless lens 1 by a screw 3 and having the grooved or recessed head to receive the  
50 end of the bridge-spring 4 and the end of the

rigid arm 5, which are secured to said head by a screw 6 in the ordinary way.

The arm 5 carries the nose-guard, consist-  
ing of the main part or bar 7, which in this instance is made integral with the arm 5 and  
55 is offset or extends at an angle thereto in the ordinary way. The main part 7 is preferably made of metal. The arm 5 may be separate therefrom and attached thereto.

Combined with the main part 7 of the nose-  
60 guard are two nose pieces or pads 8 and 9, which are in front of or upon the inner side of the main part 7 and preferably extend in a plane parallel therewith. The nose-pad 8  
65 is preferably made of circular or disk shape, and of horn, cork, or other suitable material, and is secured upon one end of a pin or stud 10, which extends through a slot or opening  
70 11 in the upper end of the main bar 7 of the nose-guard. (See Fig. 2.) The end of the pin or stud 10 on which the pad 8 is secured is preferably of reduced diameter, and the pad 8 has a central hole therein, into which the  
75 end of the stud 10 is inserted, and the inner surface of the pad bears against the annular shoulder on the stud 10, formed by reducing the diameter of the end of the stud. The  
80 end of the stud is then headed to secure the pad 8 rigidly thereon. The opposite end of the pin or stud 10 is also of reduced diameter, leaving an annular shoulder or flange, and  
85 extends into a hole in the upper end of the flat spring 12 and also into a hole in the upper end of the flat spring 13, which extends upon the outside of the spring 12. The end  
90 of the pin or stud 10 is then headed to secure the ends of the springs 12 and 13 rigidly thereon. The spring 12 extends between the back of the main part or plate 7 of the nose-guard and the spring 13—that is, it is inter-  
95 mediate the plate 7 and the spring 13—and one end of said spring 12 is secured to the plate 7 by a rivet 14 or otherwise, preferably above or below the middle or central portion of said plate 7.

To the lower end of the spring 13 are se-  
cured one end of the two studs 15, which ex-  
tend through a slot or opening 16 in the lower  
part of the main part or bar 7. (See Fig. 2.)  
Upon the other ends of said studs is secured  
100



the nose piece or pad 9, preferably of bar shape, as shown in Fig. 1.

From the above description, in connection with the drawings, the operation of my improved nose-guard will be readily understood by those skilled in the art.

It will be seen that the upper nose-pad 8 has a spring motion independent of the main part 7 of the nose-guard and of the lower nose-pad 9, as shown in Fig. 4; also, that the lower nose-pad 9 has a spring motion independent of the main part 7 and of the upper nose-pad 8, as shown in Fig. 5, and that both nose-pads 8 and 9 have a conjoint spring motion to move toward and away from the main portion or plate 7 in a plane parallel with said plate, as shown in Fig. 6.

In Fig. 7 I have shown a modified construction of the nose-guard shown in the previous figures. In said Fig. 7 the intermediate spring 12' is secured at its upper end to the main part 7 of the guard and has the two studs 15 15 secured to the lower end thereof, which is the reverse of what is shown in the previous figures.

In Fig. 8 I have shown another modified construction, in which, instead of two separate springs 12 and 13, (shown in the previous figures,) a two-leaf or double spring 17, made in one piece, is shown, having the stud 10 of the upper nose-pad 8 attached to the upper free end thereof and the two studs 15 15 of the lower nose-pad 9 attached to the loop end thereof, which end is also secured to the main part or plate 7, near the upper end thereof.

In Fig. 9 I have shown another modified construction of the nose-guard which corresponds to Fig. 8, except that the double spring 17 is shown in the reverse position to that shown in Fig. 8, with its end secured to the main part 7, near the lower end thereof.

It will be seen that the operation or movement of the pads 8 and 9 will be the same,

with the springs connected therewith made as two separate springs, as 12 and 13, with one spring, as 12, intermediate the main part of the nose-guard and the other spring forming a two-leaf or double spring, or with the springs made integral, as shown in Figs. 8 and 9, and also forming a two-leaf or double spring. It is therefore immaterial which construction is employed, and either may be used, as preferred.

It will be understood that the details of construction of my nose-guard may be varied, if desired, and various modified forms thereof may be used, if desired.

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

1. In a nose-guard for eyeglasses, the combination with the main part of the nose-guard, of a two-leaf or double spring extending at the back thereof, and two nose-pads secured thereto and moving therewith, one leaf or part of said spring being intermediate the other leaf or part of the spring and the back of the main part of the nose-guard, and secured to said main part, substantially as shown and described.

2. In a nose-guard for eyeglasses, the combination with the main or rigid part of the nose-guard, of a spring extending at the back thereof, and two nose-pads secured thereto and moving therewith, and a second spring intermediate the first-mentioned spring and the back of the main part of the nose-guard, and secured at one end to said main part, and at its other end to one end of said first-mentioned spring, substantially as shown and described.

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