

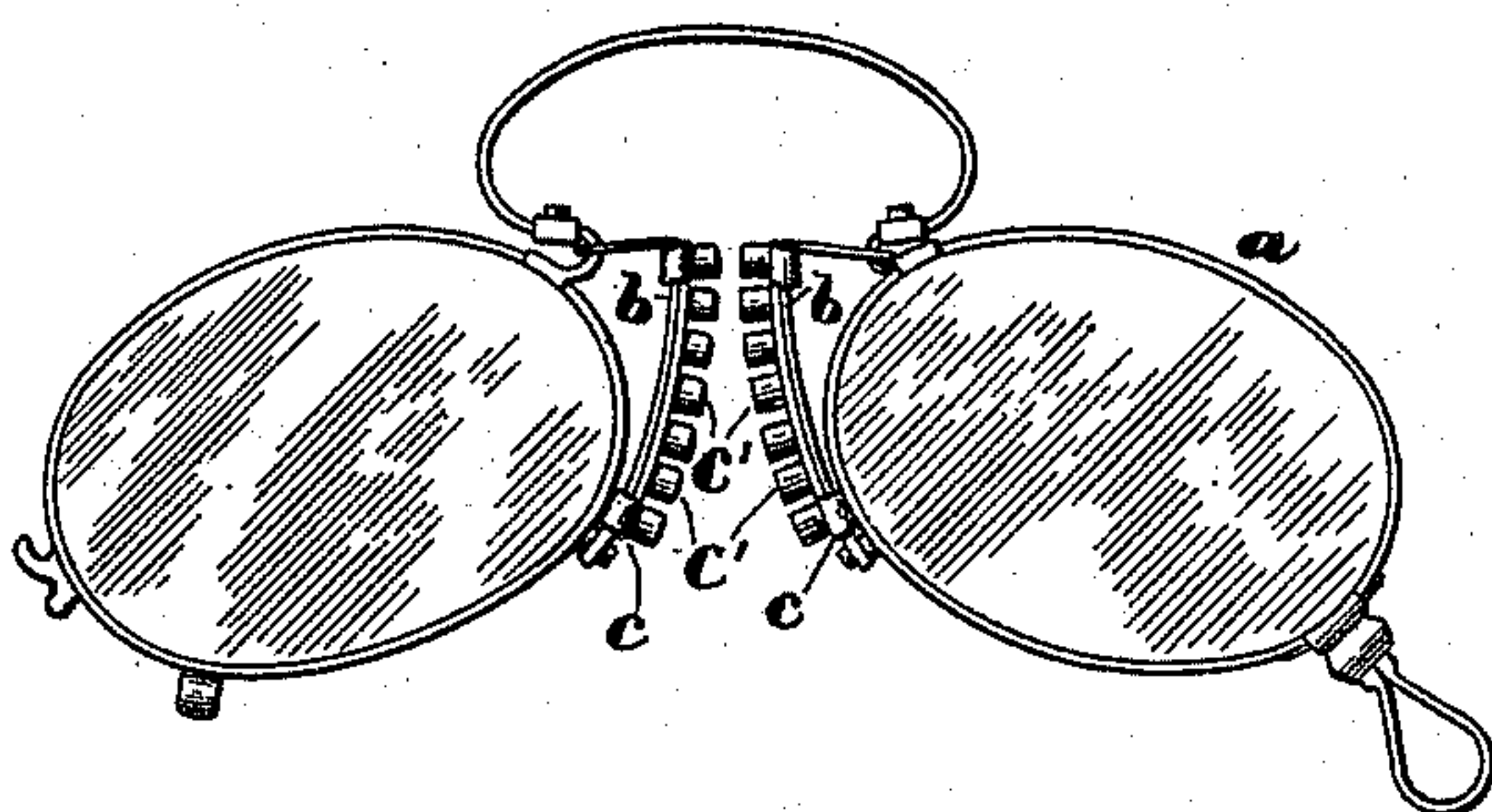
(No Model.)

C. J. BAILEY.  
EYEGASSES OR SPECTACLES.

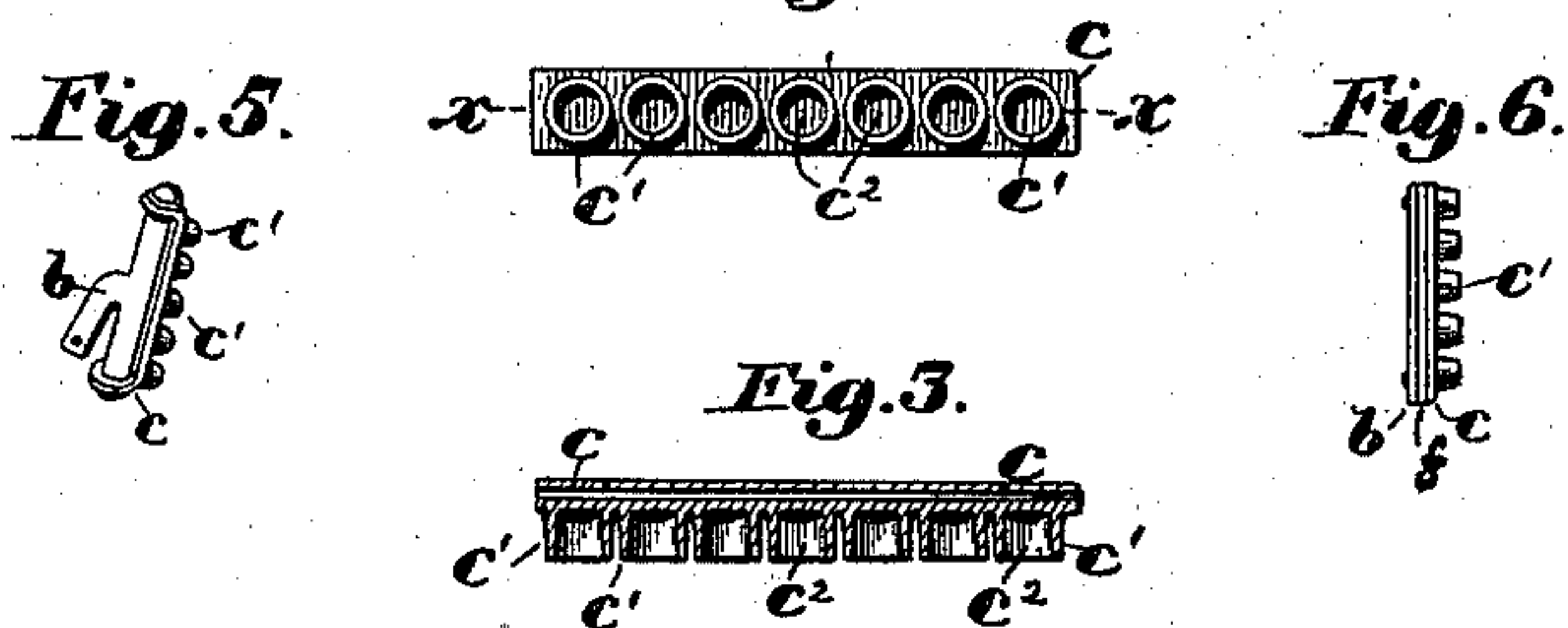
No. 567,955.

Patented Sept. 22, 1896.

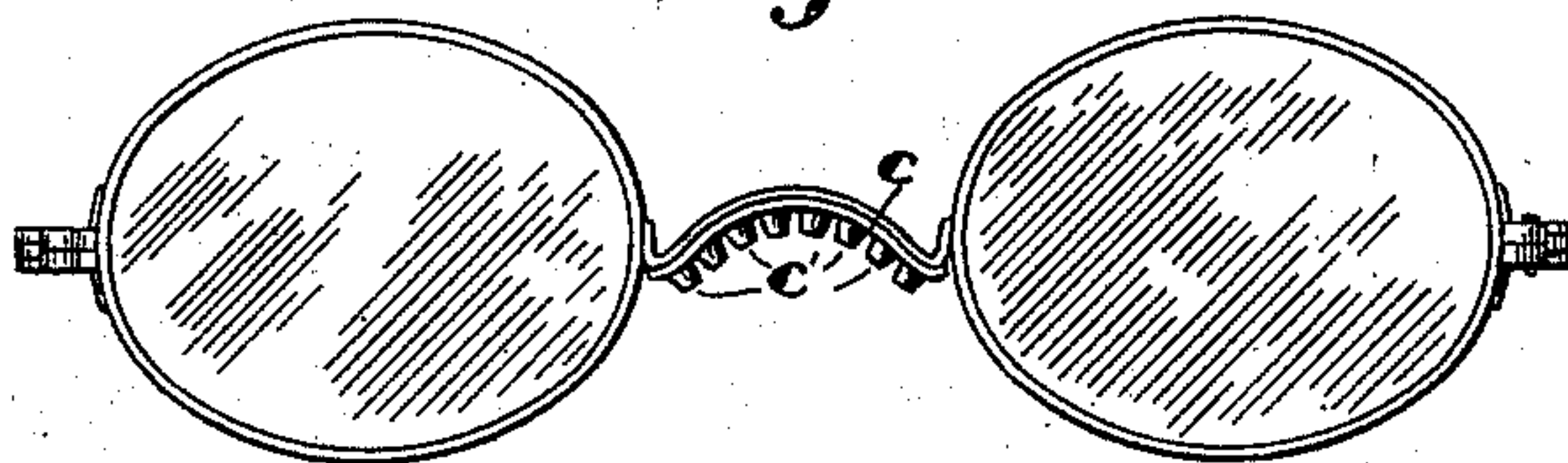
*Fig. 1.*



*Fig. 2.*



*Fig. 4.*



**Witnesses:**

Walter E. Lombard.

Thomas J. Drummond.

*Inventor:*

*Charles J. Bailey,*

by Crosby & Gregory -  
Attys.



# UNITED STATES PATENT OFFICE.

CHARLES J. BAILEY, OF NEWTON, MASSACHUSETTS.

## EYEGLASSES OR SPECTACLES.

SPECIFICATION forming part of Letters Patent No. 567,955, dated September 22, 1896.

Application filed February 20, 1896. Serial No. 580,048. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES J. BAILEY, of Newton, county of Middlesex, State of Massachusetts, have invented an Improvement in Eyeglasses or Spectacles, &c., of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

10 This invention has for its object the production of an improved nose-piece for eyeglasses.

15 Prior to my invention eyeglasses have been provided with nose-pieces which, acting as springs, press on opposite sides of the nose to hold the glass in place, and these springs have been faced with cork and other smooth material.

20 To enable the nose-pieces to act more effectually than heretofore, I have provided them with a holding-surface presenting a series of small feet to bear separately on the side of the nose, the feet clinging to the skin better than a substantially smooth or level surface, 25 and preferably these feet will be hollow at their ends, so that when applied to the skin the air will be expelled, causing the hollow ends to cling to the skin.

30 Figure 1 shows a pair of eyeglasses provided with my improvement; Fig. 2, an enlarged face view of the holding-surface detached from the spring; Fig. 3, a section in the line  $xx$ , Fig. 2; and Fig. 4 shows my invention applied to the bridge-piece of spectacles, 35 and Figs. 5 and 6 show modifications to be described.

The eyeglass-frame  $a$  and the spring-piece  $b$  attached thereto are and may be all as usual.

40 In accordance with my invention I provide a holding-surface composed of a back piece  $c$ , of india-rubber, cured in any suitable way and of any desired color, it having projecting from it at one side a series of feet  $c'$ , each preferably made hollow, so as to present a 45 chamber  $c^2$ .

50 The back  $c$  will preferably be made like a tube, and the feet  $c'$  will project from one side of the tube, a portion of the toothless part of the tube embracing the nose-piece, spring, or guard of whatever shape; but, if desired, the back may be made of a single thickness and be slitted near its end and be caught in said

slits on the ends of the piece  $b$ , as shown in Fig. 5, or the holding-surface may be cemented to the nose-piece, spring, or guard or to a piece of rubber  $f$ , riveted thereto, as in Fig. 6. 55

The feet will bear against the sides of the nose, one at a short distance from the other, such construction enabling the feet to become separately seated, in order that they 60 may hold better and more firmly to the skin, and being separated they do not impede the circulation of the blood as much as when the surface engaging the skin is a smooth surface of a length equal to the acting part of 65 the nose-piece or guard.

To yet further increase the holding action of the holding-surface, the feet  $c'$  may be and they are shown as made hollow or tubular, so that when applied to the skin the air will 70 be expelled, causing the feet to thereafter act by suction to increase their holding power, the hollow feet being more delicate and sure in their action.

This invention is not limited to the exact 75 shape or character of the nose-piece, as the nose-piece may be of any usual shape or construction.

I am aware that nose-pieces have been provided with roughened surfaces, such as pieces 80 of corrugated rubber.

I am also aware that it has been suggested to compress a strip of rubber behind a perforated metal plate, whereby a series of slightly-protruding ovals of the compressed rubber 85 fill the perforations of the plate, and accordingly I desire it to be understood that the individual projecting portions of my invention, which I have designated "feet," stand out free and uncompressed and unrestrained. 90 These feet extend in a fixed series one after the other lengthwise of the nose-piece facing and are more or less flexible, so as to grip the nose in several places, and on occasion tipping over somewhat sidewise to increase the 95 frictional contact and wedging action, as well as by the normal direct pressure of their ends.

The nose-piece of ordinary spectacles, it being composed of metal, frequently exerts a disagreeable pressure on the nose, and I may 100 use my flexible holding-surfaces at the inner side of the nose-pieces of spectacles, and in the claims following I shall use the term "eyeglass" as synonymous with spectacle.



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

5 1. An eyeglass having a nose-piece provided with a holding-surface presenting a series of hollow and laterally-flexible feet, to operate, substantially as described.

10 2. An eyeglass having a nose-piece, composed of a tubular back and a projecting series of hollow, pliable feet, fixedly secured at their inner ends to the back, and adapted to engage the nose with their outer ends, substantially as described.

15 3. An eyeglass having a nose-piece, composed of a back having a series of projecting hollow feet, a portion of the back surrounding the nose-piece, the feet being attached to

the back and extending freely forward to bear against the nose, to operate, substantially as described. 20

4. An eyeglass having a nose-piece provided with a holding-surface comprising a rubber back piece fixedly secured to the nose-piece, said back piece having a series of separate, individual feet projecting forward therefrom 25 and freely flexible in any direction, substantially as described.

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

CHARLES J. BAILEY.

Witnesses:

GEO. W. GREGORY,  
EMMA J. BENNETT.