

I. BROOKE.
 INSTRUMENT FOR HOLDING EYEGLASSES.
 APPLICATION FILED JAN. 15, 1912.

1,045,119.

Patented Nov. 26, 1912.

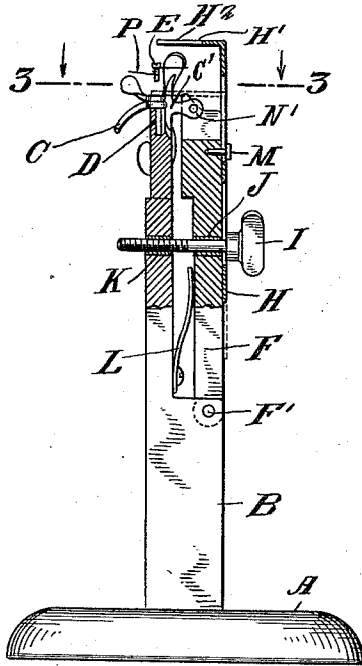


Fig. 1.

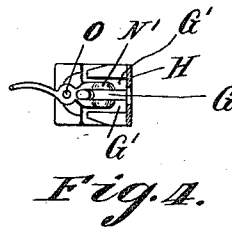


Fig. 4.

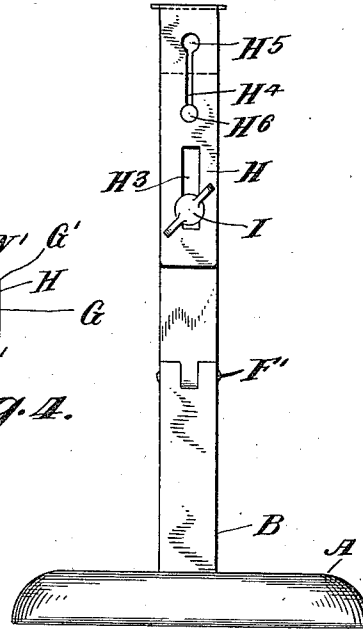


Fig. 2.

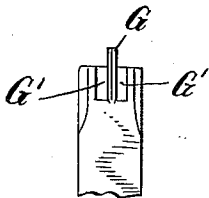


Fig. 6.

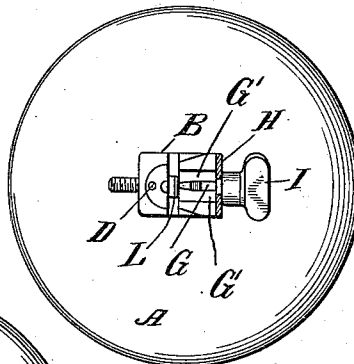


Fig. 3.

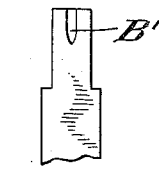


Fig. 7.

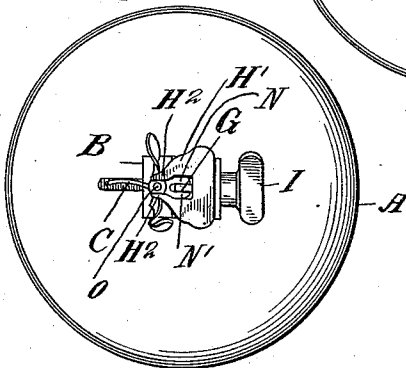


Fig. 5.

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INSTRUMENT FOR HOLDING EYEGLASSES.

1,045,119.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ISIDORE BROOKE, a citizen of the United States, and a resident of New York city, borough of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Instruments for Holding Eyeglasses, of which the following is a specification.

My invention relates to improvements in eye-glasses and particularly to an instrument for holding the finger piece mounting in proper position to attach or detach the stud-screw in position which holds the guard to the nose piece.

The object of my invention is to provide an instrument of simple construction by means of which the nose piece and finger piece may be held rigidly in position in order that the stud-screw which holds the finger piece to the nose piece may be placed easily and quickly in position.

Referring to the drawings which form a part of this specification Figure 1 is a side view of a construction embodying my invention, the upper portion of which is shown in vertical section and on the top of which is mounted a portion of the finger piece and eye-glass mounting. Fig. 2 is a rear view of the construction disclosed in Fig. 1. Fig. 3 is a plan view partly in section taken on line 3—3 of Fig. 1. Fig. 4 is a plan sectional view on line 3—3 of Fig. 1 disclosing the nose piece held by the instrument. Fig. 5 is a plan view showing the nose piece and finger piece held in proper position for the insertion of the stud-screw. Fig. 6 is a front view of a portion of the element which is hinged to the main column. Fig. 7 is a view of that portion of the construction on which the nose piece rests when in position for the stud-screw to be inserted.

A indicates a base piece which may be made of wood, metal or other suitable material and B the main column, the upper end of which is semi-circular in form and is provided with a recess B' on its inner face to permit the enlarged boss C' of the nose piece to rest therein when in position on the top of the pillar. Adjacent to recess B' and just back of same is a vertical hole D, the use of which is to permit the lower end of the stud-screw E to project therein when it is screwed through the finger piece and nose piece into position in case the stud-screw is larger than the parts in which it is fitted. The top end

of the column B is practically semi-circular in shape as shown.

F is a swinging member hinged to the column B at F' and provided at its top end with an upwardly extending thin portion forming a center piece G on each side of which is formed a recess G' adapted to receive the ends of the strap which is connected with the nose piece. Carried by the swinging member F is a sheet metal slide H, the top of which is bent at a right angle to the lower portion and which is provided with a slot H' of sufficient width to expose the stud-screw hole in the nose piece when the nose piece is clamped in position by the inwardly projecting ends H²—H² of the slide H. The slide H is also provided with a vertical slot H³ and a vertical slot H⁴, the last named slot terminating in enlarged openings H⁵ and H⁶ at each end thereof. A thumb screw I is passed through the slot H³ and through a hole J formed in the swinging member F in which it is free to turn the screws into the pillar B at K. A flat leaf spring L is interposed between the column B and the swinging member F to automatically force said swinging member apart from the pillar when the thumb nut I is unscrewed. A pin M extends through the slot H⁴. By this construction the slide H may be raised and lowered and may swing laterally a predetermined distance depending on the diameter of the openings H⁵ and H⁶ when the slide is in such position that the pin M is located in one or the other of said openings.

The instrument is used as follows: Assuming that the eye-glass has been removed from the strap piece and the finger piece and guard have been removed from the nose piece and it is desired to assemble the parts, the nose piece is first placed in such position that the bifurcated strap portions N—N respectively will enter the recesses G' on each side of the center piece G and the thumb nut I is then turned to force the swinging member F toward the pillar until the hub C' of the nose piece is seated in the recess B' at which point the stud-screw hole O in the nose piece will come in alignment with the hole D in the top of the pillar, in which position the nose piece is clamped to the pillar. The finger piece and guard H² is then placed in position as illustrated in Fig. 5 to bring the screw hole therein in alinement with the stud-screw

hole in the nose piece and the slide piece H is then lowered until the end pieces H² press the finger piece and guard tightly in position, when the screw I is tightened further 5 sufficiently to hold the slide firmly in position. The stud-screw E can then be easily inserted in the stud-screw hole and screwed into position with the screw driver, thus holding the usual spring P in proper position to serve its usual function. The open- 10 ings H⁵ and H⁶ permit the top of the slide H to move laterally in order to accommodate slight differences in the make of eye-glasses, as will be readily understood by 15 those skilled in this art.

Having thus described my invention, I claim as new:—

1. An instrument comprising a pillar, the top end of which is adapted to support the 20 nose piece of an eye-glass, and means carried by said pillar and movable relative thereto to form a clamp therewith and adapted to embrace said nose piece and hold same to said pillar, and a slide movable transversely 25 to said clamp adapted to hold the guard of an eye-glass in position on said nose piece, substantially as set forth.

2. An instrument comprising a pillar, the top end of which is adapted to support the 30 nose piece of an eye-glass, means movable relative to said pillar to form a clamp therewith and a guard slidably mounted on said instrument and transversely movable relatively to said clamp and adapted to embrace 35 said nose piece and hold same to said pillar, substantially as set forth.

3. An instrument comprising a pillar, the top end of which is adapted to support the nose piece of an eye-glass, means carried 40 by said pillar and movable relative thereto to form a clamp therewith and a guard transversely movable with respect to said clamp and slidably mounted on said instrument and adapted to embrace said nose

piece and hold same to said pillar, and 45 means for holding said slide in adjustable relation to said pillar, substantially as set forth.

4. An instrument comprising a pillar, the top end of which is provided with a slot on 50 one side thereof and is adapted to support the nose piece of an eye-glass, and means comprising a slotted bar carried by said pillar and movable relative thereto to form a 55 clamp therewith and adapted to embrace said nose piece and hold same to said pillar, substantially as set forth.

5. An instrument comprising a pillar having a lateral slot adjacent to the top thereof, and adapted to hold a member of 60 an eyeglass mounting, and a clamp adapted to clamp said member within said slot, and a second clamping member movable transversely to said first clamping member and adapted to clamp a part to be attached to 65 said mounting.

6. An instrument comprising a pillar having a lateral slot adjacent to the top thereof and adapted to hold a member of an 70 eyeglass mounting, a clamping member comprising a bifurcated bar adapted to engage said mounting, and to clamp it within the slot, and a second clamping member movable transversely to said first clamping 75 member, said second member having a portion thereof bent at right angles to the body thereof and slotted at its end, said second clamping member being adapted to embrace and to hold on said mounting another mem- 80 ber to be fastened thereto.

Signed at New York city, in the county of New York, and State of New York, this 12th day of January A. D. 1912.

ISIDORE BROOKE.

Witnesses:

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