to move his upper lid with the help of the frontalis and there is a slight palpebral furrow due to the pulling of the strips. The upper scars cannot be seen, as they are covered by the eyebrow, while the lower, near the lid margin, disappear in the palpebral furrow.

I have successfully used this operation, also, in those cases where the levator was not completely paralysed, and have found this easier than the advancement of that muscle.

Full surgical asepsis is of particular importance as any infection will vitiate the result.

In conclusion, I have to thank Mr. Alabaster for the use of his clinical material (Fig. 4, 5).

REFERENCES

- Lexer.—Ptosisoperation, Herstellung der Oberlidfalte und des Unterlides durch Fascienzügel. *Klin. Monatsbl. f. Augenheilk.*, p. 464, 1923.
 Derby.—Correction of Ptosis by Fascia Lata Hammock. *Amer. Jl. of Ophthalmol.*, p. 352, 1928.
 Meller.—Ophthalmic Surgery.

A MODIFICATION IN BIFOCALS

BY

F. A. WILLIAMSON-NOBLE

LONDON

THE commonest complaint of the wearer of bifocals is difficulty in going downstairs, stepping up curbs, etc.

This is due, not so much to the different power in the reading portion as to its centering. In the ordinary bifocal glasses the centres

FIG. 1

Ordinary solid ground bifocal.

are arranged as in Fig. 1, with the result that when the eye is lowered from the distance to the reading portion, objects appear to be displaced upwards. The amount increases with the difference in the strength between the distance and reading corrections.

By incorporating a prism base up of suitable strength in the reading portion of the bifocal lens, this jump can be entirely

FIG. 2

Bifocal lens corrected for displacement in lower segment.

D = distance optical centre.

R = reading optical centre.

eliminated, in which case the centres of the two parts can be made to coincide at the dividing line as shown in Fig. 2.

Glasses such as these produce no apparent movement of the object when the wearer looks down, and consequently abolish the difficulty of going downstairs.

The reading segments are a little more conspicuous than in the ordinary invisible variety, but this defect is more than compensated for by the absence of apparent movement of objects on looking down.

I have to thank Messrs. Keeler for their kind co-operation in producing these lenses. It is suggested that they might be designated "Apedesic" (*ἀ* primitive, *πῆδησις* leaping.)

Since this paper was written I find that a similar lens has already been made by another firm.