

The characters n_D and n_G , respectively denote the refractive indices for the D line and for the G¹ line of the spectrum of the glasses of which the lenses I to VI are made.

Utilization of the principles of the present invention results in a lens system in which the spherical and chromatic aberrations astigmatism, distortion and coma are corrected and having a very large relative aperture.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

1. In an objective lens for photographic, microscopic and similar pur-

poses, the combination of five lenses, three of which are collective and enclose a dispersive meniscus and a dispersive biconcave lens, the dispersive meniscus having a longer focal length than the biconcave lens and being composed of a collective lens and a dispersive lens, the latter having a higher refractive index and a larger dispersion than the collective lens.

2. The lens combination substantially as described.

Dated this 16th day of April, 1931.

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[This Drawing is a full-size reproduction of the Original]

