PRESBYOPIC TREATMENT SYSTEM

ABSTRACT

A method and system for treating Presbyopia and pre-Presbyopia are provided that do not compromise the wearer's intermediate or distance vision. The system is a lens and a lens series, wherein the power profiles of the lenses are tailored to provide an amount of positive ADD power in the near vision zone that is slightly less than that which is normally required for near vision accommodation, while also providing an amount of negative spherical aberration in the peripheral optical zone. The dynamic ocular factors of the wearer's eye work in conjunction with the positive ADD power provided by the central optical zone and with the effective ADD gained from the negative spherical aberration provided by the peripheral optical zone to induce a minimally discernible amount of blur that is tuned to maximize the wearer's depth of focus.

Figure 2