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finity vision is desired, another and minor area of said one face being finished with a curvature representing a selected addition power over said base curve and constituting a reading zone, said two zones being joined to one another by a plurality of intermediate relatively narrow zones adjoining one another side by side and concentric to one another with the surface curvatures of said intermediate areas formed to give addition powers progressively weaker by relatively small increments in a direction away from the marginal part of said reading zone to the bordering part of said infinity vision zone, said body having its opposite face surfaced to give with said major part of said one face an optical effect in accordance with a desired prescription.

11. A multi-focal spectacles lens comprising a one piece lens body of light transmitting material of uniform index of refraction throughout, and having upon one face and in one zone thereof a curved surface representing a desired reading addition of substantial area but constituting a minor part of said face, said body having its opposite face surfaced to provide with the curvatures of said one face, a selected optical effect in accordance with an infinity vision prescription, said body also having upon said first face thereof and bordering the reading zone, a plurality of intermediate addition curved areas of relatively narrow width, adjoining one another, that one of said intermediate areas immediately adjoining said reading zone being weaker than, but closely approaching the addition power of said reading zone, and that one of said intermediate areas immediately adjoining the remaining major area of said first face being stronger than, but closely approximating the power of said infinity vision prescription, and said other intermediate areas being of weaker addition powers progressively away from said area adjoining reading zone to said addition area adjoining said first lens face, the addition curved areas being blended gradually into one another and into said reading zone formed by said major area of said face and the surfacing of said other face to provide a smooth surface free of abrupt changes in direction, said reading zone being disposed eccentrically of said lens body so as to be in position for downwardly directed normal reading therethrough, the major zone being in position for infinity vision therethrough, and the intermediate zones being disposed in positions for vision therethrough with progressively closer focus as the eye, looking therethrough, moves progressively from the major zone to the reading zone.

12. An optical lens comprising a one-piece lens

body of light transmitting material of uniform index of refraction throughout, having one face thereof finished with a selected addition curve over a substantial area of that face and providing a vision zone of uniform magnifying power, said one face having adjoining said one zone a plurality of relatively narrow zones concentric to said one zone and to each other, with the surface curvatures of said narrow zones formed to give addition powers of progressively weaker magnifying power, by relatively small increments in a direction away from the marginal part of said vision zone, said small zones being additionally blended into each other and to said vision zone at their abutting margins, and said body having its opposite face surfaced to give with said one zone a predetermined optical effect.

13. An optical lens comprising a one-piece lens body of light transmitting material of uniform index of refraction throughout, having a convex face thereof finished with a selected addition curve over a substantial area of that face and providing a vision zone of uniform magnifying power, said one face having adjoining said one zone a plurality of relatively narrow zones concentric to said one zone and to each other, with the surface curvatures of said narrow zones formed to give addition powers of progressively weaker magnifying power, by relatively small increments in a direction away from the marginal part of said vision zone, said small zones being additionally blended into each other and to said vision zone at their abutting margins, and said body having its opposite face surfaced to give with said one zone a predetermined optical effect.

14. A multi-focal lens comprising a single piece of light transmitting material of uniform index of refraction having a substantial part of one face of a uniform curvature to afford one uni-focal zone of substantial area, another substantial part of said one face of a different uniform curvature to afford another uni-focal zone of substantial area, but of different light refractive properties than said one zone, and having a plurality of side by side, narrow zones interposed in succession on said one face between said uni-focal zones and having light refractive powers intermediate those of said uni-focal zones but of progressively weaker power by increments from the narrow zone adjoining the uni-focal zone of stronger power to the narrow zone adjoining the uni-focal zone of weaker power, said narrow zones having their surfaces merged smoothly into each other and to said uni-focal zones along their abutting margins to avoid abrupt changes in power between zones.

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