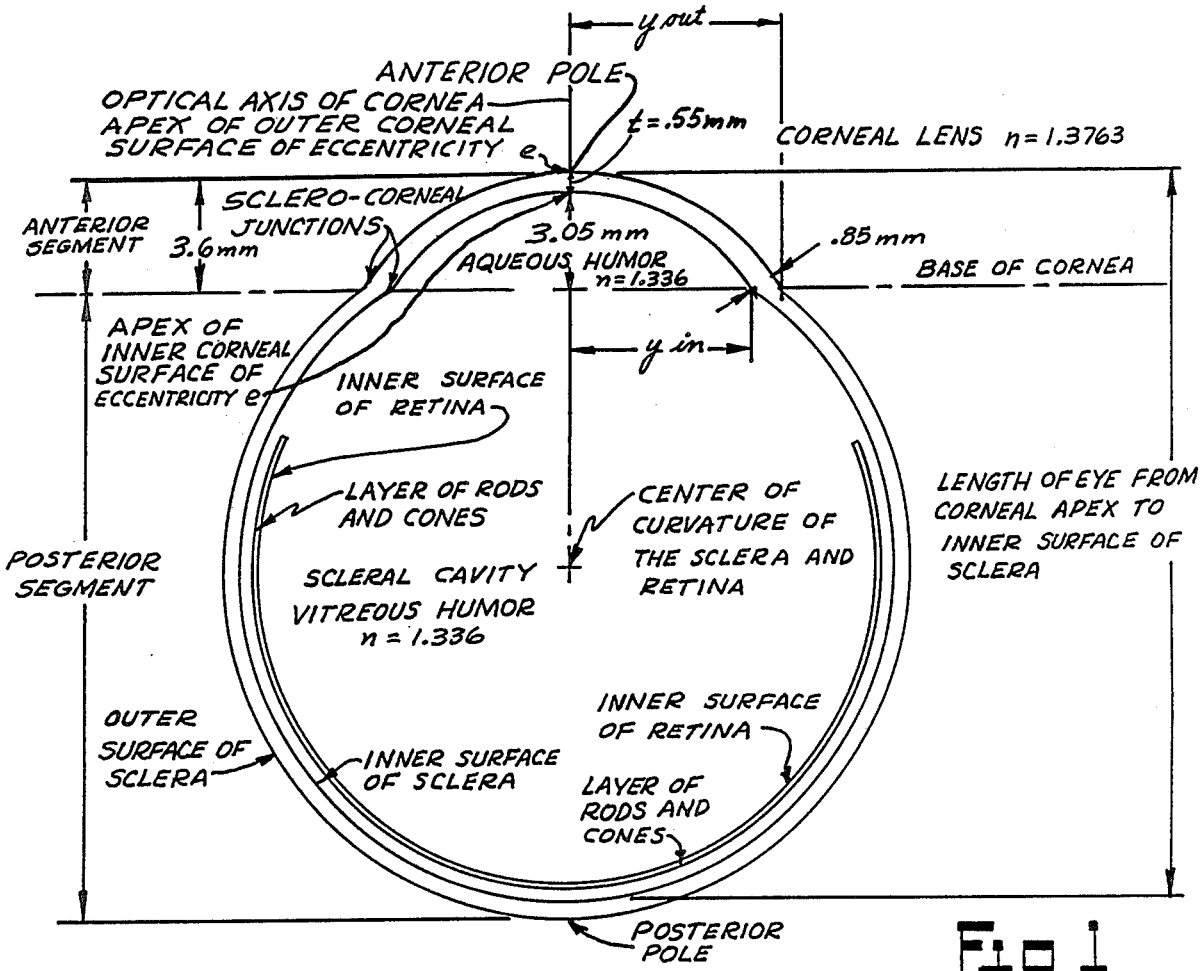
y out
ANTERIOR POLE
OPTICAL AXIS OF CORNEA
APEX OF OUTER CORNEAL SURFACE OF ECCENTRICITY e
t = .55mm
CORNEAL LENS n = 1.3763
ANTERIOR SEGMENT
3.6mm
SCLERO-CORNEAL JUNCTIONS
3.05 mm
AQUEOUS HUMOR n = 1.336
.85 mm
BASE OF CORNEA
y in
APEX OF INNER CORNEAL SURFACE OF ECCENTRICITY e
INNER SURFACE OF RETINA
LAYER OF RODS AND CONES
CENTER OF CURVATURE OF THE SCLERA AND RETINA
LENGTH OF EYE FROM CORNEAL APEX TO INNER SURFACE OF SCLERA
POSTERIOR SEGMENT
SCLERAL CAVITY
VITREOUS HUMOR n = 1.336
OUTER SURFACE OF SCLERA
INNER SURFACE OF SCLERA
INNER SURFACE OF RETINA
LAYER OF RODS AND CONES
POSTERIOR POLE

Fig 1

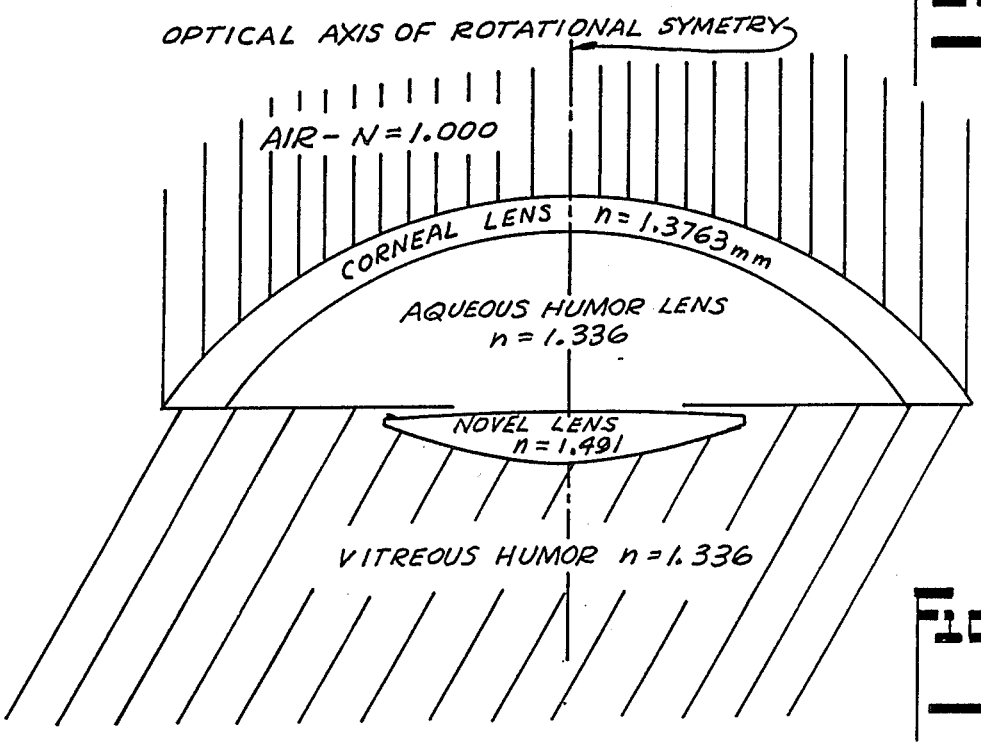
OPTICAL AXIS OF ROTATIONAL SYMETRY
AIR - N = 1.000
CORNEAL LENS n = 1.3763 mm
AQUEOUS HUMOR LENS n = 1.336
NOVEL LENS n = 1.491
VITREOUS HUMOR n = 1.336

Fig 2