

*G00002*



# DIFFERENTIAL THICKNESS CONTACT LENS WITH COMPENSATION FOR DIFFERENTIAL SHRINKAGE AND METHOD OF MANUFACTURING SAME

## ABSTRACT

A contact lens and a method of manufacturing a contact lens having areas of different thickness, the contact lens being compensated for differential shrinkage during the manufacturing process. The unwanted toricity induced by the differential shrinkage caused by a particular manufacturing process is experimentally determined, both in terms of angular position and power. The lens compensation is achieved by providing an equal and opposite power to the unwanted toricity induced by the manufacturing process.

**Figure 2b**



*162162*