

**METHOD AND APPARATUS FOR PROVIDING VARIATIONS OF A LOWER-LID
CONTACT SURFACE AND UNDER-LID SUPPORT STRUCTURES OF A
TRANSLATING MULTIFOCAL CONTACT LENS**

ABSTRACT

A translating multifocal contact Lens is described. The lens including a lower-lid contact surface, and optionally an under-lid support structure. More specifically, a translating multifocal contact lens is described whereby a lower-lid contact surface may include multiple geometric variations and blend zones, and an under-lid support structure that may be designed based upon one or more various techniques including one or more of a function-driven technique, a uniform axial thickness technique, a uniform radial thickness technique, and a minimal energy surface (MES) technique.

Fig. 21A