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 [21] Appl. No. **684,364**  
 [22] Filed **Nov. 20, 1967**  
 [45] Patented **Nov. 24, 1970**  
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[56] **References Cited**  
**UNITED STATES PATENTS**  
 3,187,338 6/1965 Neefe ..... 351/160  
 3,282,905 11/1966 Fasick et al. .... 351/160UX  
 3,308,107 3/1967 Selman et al. .... 351/160UX  
 3,458,348 7/1969 Sherman.

**OTHER REFERENCES**

Apt "Corneal Guard Lens" Article in Transactions of the American Academy of Ophthalmology and Otolaryngology, vol. 69, March-April 1965, p. 357 cited.

Girard et al. "Flush-Fitting Scleral Contact Lenses" Article in American Journal of Ophthalmology Part II, vol. 61, No. 5, May 1966, p. 1109-1123 cited.

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[54] **CONTACT LENS HAVING AN INDEX OF REFRACTION APPROXIMATING THAT OF HUMAN TEARS**  
 11 Claims, 4 Drawing Figs.

[52] U.S. Cl. .... 351/160;  
 260/87.5, 260/89.5  
 [51] Int. Cl. .... G02c 7/04  
 [50] Field of Search. .... 351/160-  
 162; (Inq.); 260/87.5, 89.5

**ABSTRACT:** A wettable contact lens of the type applied to the human eye to correct vision deficiencies, said lens formed of a transparent, dimensionally stable, solid material characterized by an index of refraction approximating that of the human tears.

