United States Patent [19]

Loshaek

[11] **4,390,676**

[45] * **Jun. 28, 1983**

[54] **ULTRAVIOLET ABSORBING LENSES**

[75] Inventor: **Samuel Loshaek**, Chicago, Ill.

[73] Assignee: **Schering Corporation**, Kenilworth, N.J.

[*] Notice: The portion of the term of this patent subsequent to Dec. 8, 1998, has been disclaimed.

[21] Appl. No.: **278,310**

[22] Filed: **Jun. 29, 1981**

Related U.S. Application Data

[60] Continuation-in-part of Ser. No. 741,695, Nov. 15, 1976, Pat. No. 4,304,895, which is a division of Ser. No. 371,603, Jun. 20, 1973, abandoned.

[51] **Int. Cl.**[3] **C02C 7/04**; C08F 12/24; C08F 16/12; C08F 216/12

[52] **U.S. Cl.** ..... **526/313**; 264/1.1; 351/160 H; 524/558; 526/316

[58] **Field of Search** ..... 526/313, 316; 260/42.21, 42.52; 264/1.1; 351/160 H; 524/558

[56] **References Cited**

U.S. PATENT DOCUMENTS

2,269,037	1/1942	Oker	88/41
2,518,099	8/1950	Tillyer	88/55
3,162,676	12/1964	Goldberg	260/486
3,171,869	3/1965	Weinberg	264/1
3,195,145	7/1965	Tisher et al.	351/159
3,265,763	8/1966	Deichert et al.	260/872
3,382,183	5/1968	Donoian et al.	252/300
4,304,895	2/1982	Loshaek	526/313

FOREIGN PATENT DOCUMENTS

1031200	5/1978	Canada .	
885986	1/1962	United Kingdom	2/6

OTHER PUBLICATIONS

Wald, Alleged Effects of the Near Ultraviolet on Human Vision Journal of The Optical Society of America, vol. 42, No. 3, 171-177, Mar. 1952.

Primary Examiner—Lester L. Lee

Attorney, Agent, or Firm—Warrick E. Lee, Jr.; Vincent H. Gifford; Bruce M. Eisen

[57] **ABSTRACT**

An ultraviolet absorbing lens for use by aphakics formed by copolymerizing a monomer suitable for making lenses and a copolymerizable ultraviolet absorber for absorbing radiation having wavelength of 340 to 450 mmu.

8 Claims, No Drawings