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ning of each regular issue of the PCT Gazette.

(54) Title: OPHTHALMIC DEVICES COMPRISING PHOTOCROMIC MATERIALS HAVING EXTENDED PI-CONJUGATED SYSTEMS

(57) Abstract: Various non-limiting embodiments disclosed herein relate to ophthalmic devices comprising photochromic materials having extended pi-conjugated systems. For example, various non-limiting embodiments disclosed herein provide a photochromic material, such as an indeno-fused naphthopyran, which comprises a group that extends the pi-conjugated system of the indeno-fused naphthopyran bonded at the 11-position of thereof. Further, the photochromic materials according to certain non-limiting embodiments disclosed herein may display hyperchromic absorption of electromagnetic radiation as compared to conventional photochromic materials and/or may have a closed-form absorption spectrum that is bathochromically shifted as compared to conventional photochromic materials. Other non-limiting embodiments relate to methods of making the ophthalmic devices comprising photochromic materials.

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