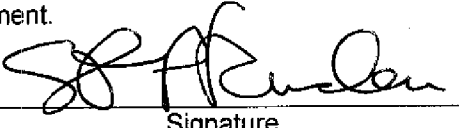


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Docket No. P00923-US (TIROS Optics)

ASSIGNMENT OF PATENT RIGHTS

In consideration of One Dollar and other good and valuable consideration, receipt of which is hereby acknowledged, I

Dr. William James Cassarby, a citizen of the United States, residing at 6329 Caddies Way, Mason, OH 45040

hereby sell and assign to

OPTICAL RESEARCH ASSOCIATES, a California Corporation having its principal place of business at 3280 East Foothill Boulevard, Suite 300, Pasadena, CA 91107, USA (hereinafter "Company")

its successors and assigns, for the territory of the United States of America and for all foreign countries, my entire right, title and interest in and to the improvements in

US Patent No. 6,819,505, issued November 16, 2004, for INTERNALLY REFLECTIVE ELLIPSOIDAL COLLECTOR WITH PROJECTION LENS

invented by me, and the application for United States Letters Patent therefor, executed concurrently herewith, and all original and reissued patents granted therefor, and all divisions and continuations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all priority rights under the International Convention for the Protection of Industrial Property for every country of the Union, and all applications for Letters Patent which hereafter be filed for said improvements in any country or countries foreign to the United States, and all extensions, renewals and reissues thereof, and covenant that I have full right so to do, and agree that I will communicate to said Company or its representatives all facts known to me respecting said improvements, whenever requested, and will testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns and nominees, to obtain and enforce proper patent protection for said improvements in all countries.

Wil James Cassarby
Name: Dr. William James Cassarby

Date: 1/6/05

Name: _____

Date: _____

Name: _____

Date: _____

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