იგ-06-2002 FORM PTO-1595 (Modified) 3HEET U.S. DEPARTMENT OF COMMERCE (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) Patent and Trademark Office P08A/REV03 Tab settings → → To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name of conveying party(ies): Name and address of receiving party(ies): Bernard Malo Name: Alcatel Optronics Canada Inc. Address: 22 de Varennes Yes 🛛 No Additional names(s) of conveying party(ies) 3. Nature of conveyance: Assignment Merger ☐ Security Agreement ☐ Change of Name City: Gatineau State/Prov.: Quebec Country: Canada ZIP: J8T 8R1 Other Execution Date: 05/24/02 Additional name(s) & address(es) ☐ Yes X No 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: 05/24/02 Patent Application No. Filing date B. Patent No.(s) ☐ Yes 🛛 No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Marks & Clerk 7. Total fee (37 CFR 3.41):....\$ 40.00 Enclosed - Any excess or insufficiency should be 37,547 Registration No. credited or debited to deposit account Address: P.O. Box 957, Station B ☐ Authorized to be charged to deposit account 8. Deposit account number: 13-1717 State/Prov.: ON City: Ottawa (Attach duplicate copy of this page if paying by deposit account) ZIP: K1P 5S7 Country: Canada DO NOT USE THIS SPACE 9. Statement and signature. Hrue and correct and any attached copy is a true copy To the best of my knowledge and belief, the foregoing information is of the original document. May 28, 2002 George M. MacGregor Date Signature Name of Person Signing Total number of pages including cover sheet, attachments, and il documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments 05/31/2002 EHAILE1 00000064 10156237 Washington, D.C. 20231

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PATENT REEL: 012949 FRAME: 0320

Docket No.: 13301-US

Agent's Docket No. 13301-US

ASSIGNMENT

WHEREAS, Bernard Malo, residing at III DeRovanillen, Getineson Pop. 78, 3N 7

has invented improvements in METHOD AND APPARATUS FOR FABRICATING AND TRIMMING OPTICAL FIBER BRAGG GRATING DEVICES, for which an application for United States Letters Patent has be

DEVICES, for which an application for United States Letters Patent has been executed by us on even date hereon

WHEREAS, ALCATEL OPTRONICS CANADA INC., whose full post office address is 22 de Varennes, Gatineau, Quebec, J8T 8R1, Canada, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Letters Patent that may be granted therefor.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, as assignor hereby sell, assign and set over to said assignee the entire right, title and interest for the United States of America and all other countries, in and to said invention and the aforesaid application for Letters Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for themselves and their legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interference or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid for by said assignee.

> PATENT REEL: 012949 FRAME: 0321

Signed at Crutineau	this 34th day of may 2002
	Bernard Malo
	(Witness)

RECORDED: 05/29/2002

PATENT REEL: 012949 FRAME: 0322