R SHEET L. U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 04-06-1998 R (Rev. 6-93) Patent and Trademark Office OMB No. 0651-0011 (exp. 4/94) Tab settings □ □ □ ▼ 100672784 To the Honorable Commissioner of attached original documents or copy thereof. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies): Noran Instruments, Inc. Name: Ahmed Bouzid and James F. Aeschbach Internal Address: Additional name(s) of conveying party(ies) attached?

Yes X No. 3. Nature of conveyance: MRD 3-27-98 Street Address: 2551 West Beltline Highway Assignment □ Merger ☐ Security Agreement ☐ Change of Name City: Middleton State: WI ZIP: 53562 Other __ Execution Date: December, 1, 1997 Additional name(s) & address(es) attached? ☐ Yes X No 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 08/984,600 Additional numbers attached?

Yes

No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Harry C. Engstrom 7. Total fee (37 CFR 3.41).....\$\,\(\frac{40.00}{}\) Internal Address: Foley & Lardner Enclosed P. O. Box 1497 Authorized to be charged to deposit account Street Address: 150 East Gilman Street 8. Deposit account number: 06-1447 City:__Madison _____ State: WI ZIP: 53701 (Attach duplicate copy of this page if payer by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attacked copy is a true copy of the original document. March 24, 1998 Harry C. Engstrom Signature Name of Person Signing Date Total number of pages including cover sheet, attachments, and document:

ASSIGNMENT

WHEREAS, Ahmed Bouzid of Madison, Wisconsin, and James F. Aeschbach of Middleton, Wisconsin (hereinafter "ASSIGNORS"), have invented a WAVELENGTH SELECTION, MULTIPLEXING AND DEMULTIPLEXING METHOD AND APPARATUS, for which application is being made for Letters Patent in the United States, said application being executed by ASSIGNORS on 12-1-97 AND 12-1-97; and

WHEREAS, Noran Instruments, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Wisconsin, and having its principal office in Middleton, Wisconsin, is desirous of acquiring an interest in the APPLICATION;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which by ASSIGNORS from ASSIGNEE is hereby acknowledged, said ASSIGNORS, by these presents, do hereby sell, assign, and transfer unto ASSIGNEE the full and exclusive right, title, and interest for the territory of the United States of America, its territories and possessions, and for all foreign countries, in and to the invention as described in the above APPLICATION and in and to the APPLICATION. The invention, APPLICATION, and Letters Patent are to be held and enjoyed by ASSIGNEE for its own use, and by its successors and assigns, to the full end of the term for which Letters Patents may be granted, as fully and entirely as the same would have been held by ASSIGNORS had this Assignment and sale not been made.

ASSIGNORS do further hereby agree to provide all reasonable aid to ASSIGNEE in the making and prosecuting of any application for other Letters Patent that ASSIGNEE may wish to make covering the invention claimed in the APPLICATION

PATENT REEL: 9054 FRAME: 0128 and in vesting in ASSIGNEE like exclusive right, title, and interest in and to all such other applications and resulting Letters Patent in similar proportion. ASSIGNORS hereby agree that ASSIGNORS will similarly aid ASSIGNEE in the prosecution of any interference that may arise involving any application for Letters Patent herein contemplated and that ASSIGNORS will execute and deliver to ASSIGNEE any and all additional papers that may be reasonably requested by ASSIGNEE to fully carry out the terms of this Assignment.

ASSIGNORS hereby authorize the ASSIGNEE or the attorney of record in the application to insert below the filing date and serial number of the application when that information is known:

Serial No.: 08/984,600

Filing Date: December 3, 1997

Executed this of day of December, 1997.

ASSIGNOR:

Ahmed Bouzid (SEAL)

STATE OF WISCONSIN)
) ss.
COUNTY OF DANE)

Before me personally appeared Ahmed Bouzid, to me known to be the person identified as ASSIGNOR in the above Assignment, who signed the foregoing instrument in my presence and made oath before me to the allegations set forth therein as being under oath on the $_$ 1st day of $_$ December , 1997.

Notary Public, State of Wisconsin Cynthia J. Hall

My Commission: June 3, 2001

Executed	this Ol day of Leawer,	1997.
	ASSIGNOR:	
	James F. Aeschbach	SEAL)
STATE OF WISCONSIN)) ss.)	

Before me personally appeared James F. Aeschbach, to me known to be the person identified as ASSIGNOR in the above Assignment, who signed the foregoing instrument in my presence and made oath before me to the allegations set forth therein as being under oath on the $_$ 1st $_$

Notary Public, State of Wisconsin Cynthia J. Hall

My Commission: June 3, 2001

RECORDED: 03/27/1998