

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

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 01 day of December, 1997.

ASSIGNOR:

Ahmed Bouzid (SEAL)
Ahmed Bouzid

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.

Cynthia J. Hall
Notary Public, State of Wisconsin
Cynthia J. Hall
My Commission: June 3, 2001

Executed this 01 day of December, 1997.

ASSIGNOR:

James F. Aeschbach (SEAL)
James F. Aeschbach

STATE OF WISCONSIN)
) ss.
COUNTY OF DANE)

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 day of December, 1997.

Cynthia J. Hall
Notary Public, State of Wisconsin
Cynthia J. Hall
My Commission: June 3, 2001