

09-28-1998

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Steven J. Foote  
Minoru Shinohara

9-21-98

Additional name(s) of conveying party(ies) attached? No

2. Name and address of receiving party(ies):

Noran Instruments, Inc.  
2551 West Beltline Highway  
Middleton, WI 53562

Additional name(s) & address(es) attached? No.

3. Nature of conveyance:

Assignment

Execution Date: September 11, 1998

4. Application number(s) or patent number(s):

08,872,945

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

( 08/872,945 )

B. Patent No.(s)

Additional numbers attached? No

5. Name and address of party to whom correspondence concerning document should be mailed:

Harry C. Engstrom  
FOLEY & LARDNER  
P. O. Box 1497  
150 East Gilman Street  
Madison, WI 53701-1497

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41). . . . . \$ 40.00

X Enclosed

Authorized to be charged to deposit account

8. Deposit account number: 06-1447

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Harry C. Engstrom

Name of Person Signing

*Harry C. Engstrom*

Signature

9/18/98

Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT  
REEL: 9468 FRAME: 0525

## ASSIGNMENT

WHEREAS, Steven J. Foote, of Middleton, Wisconsin, and Minoru Shinohara of Hitachinaka City, Japan (hereinafter "ASSIGNORS"), have invented a **COLLIMATOR FOR HIGH TAKEOFF ANGLE ENERGY DISPERSIVE SPECTROSCOPY (EDS) DETECTORS**, for which application is being made for Letters Patent in the United States, said application being executed by ASSIGNORS and filed on June 11, 1997; 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 patent 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

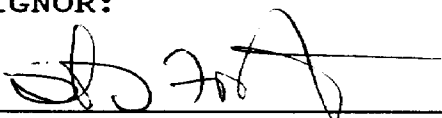
that ASSIGNORS will similarly aid ASSIGNEE in the prosecution of any interference that may arise involving any application for Letters Patent herein contemplated and that ASSIGNORS will execute and deliver to ASSIGNEE any and all additional papers that may be reasonably requested by ASSIGNEE to fully carry out the terms of this Assignment.

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

Serial No.: 08/872,945


Executed this 11th day of September, 1998.

ASSIGNOR:

  
\_\_\_\_\_  
Steven J. Foote (SEAL)

STATE OF WISCONSIN    )  
                              ) ss.  
COUNTY OF Dane        )

Before me personally appeared Steven J. Foote, 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 11th day of September, 1998.

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

ASSIGNOR:

Minoru Shinohara (SEAL)  
Minoru Shinohara

STATE OF WISCONSIN    )  
                              ) ss.  
COUNTY OF Dane        )

Before me personally appeared Minoru Shinohara, 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 \_\_\_\_\_ day of \_\_\_\_\_, 1997.

\_\_\_\_\_  
Notary Public, State of

My Commission: \_\_\_\_\_