

Form PTO-1595 (Rev. 03/01) **RECORDATION FORM COVER SHEET** U.S. DEPARTMENT OF COMMERCE  
 OMB No. 0651-0027 (exp. 5/31/2002) **PATENTS ONLY** U.S. Patent and Trademark Office

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

1. Name of conveying party(ies): BEI Electronics, Inc.  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>MICROE, INC.</u> Internal Address: _____  Street Address: 8 Erie Drive  City: <u>Natick</u> State: <u>MA</u> Zip: <u>01760-1313</u> Additional name(s) & address(es) attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>April 27, 1995</u>	

4. Application number(s) or patent number(s):  
 If this document is being filed together with a new application, the execution date of the new application is: \_\_\_\_\_  
 A. Patent Application No.(s): \_\_\_\_\_ B. Patent No.(s): 5,646,730  
 Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>James F. Thompson</u> Internal Address <u>Chapin &amp; Huang, L.L.C.</u> Atty. Dkt.: <u>MCE04-06</u> Street Address: <u>Westborough Office Park</u> <u>1700 West Park Drive</u>  City: <u>Westborough</u> State: <u>MA</u> Zip: <u>01581</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>50-0901</u> (Attach duplicate copy of this page if paying by deposit account)
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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 attached copy is a true copy of the original document.*

James F. Thompson, Reg. No. 36,699 October 6, 2004  
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 3

CH \$40.00 500901 5646730

**ASSIGNMENT**

WHEREAS, BEI Electronics, Inc., a Delaware corporation (hereinafter "ASSIGNOR"), is the sole and exclusive owner, free and clear of all encumbrances of the entire right, title and interest in and to U.S. Patent Application Serial No. 08/383,700, filed February 1, 1995 for APPARATUS FOR DETECTING RELATIVE MOVEMENT, which is a continuation of U.S. Patent Application No. 08/293,090, filed August 19, 1994, now abandoned, which is a continuation of U.S. Patent Application Serial No. 07/878,494, filed May 5, 1992, now abandoned. U.S. Patent Application Serial No. 08/394,224, filed February 24, 1995 for APPARATUS FOR DETECTING RELATIVE MOVEMENT WHEREIN A DETECTING MEANS IS POSITIONED IN A REGION OF NATURAL INTERFERENCE ADJACENT TO A GRATING ELEMENT, which is a continuation of U.S. Patent Application Serial No. 08/250,666, filed May 27, 1994, now abandoned, which is a continuation-in-part of U.S. Patent Application Serial No. 07/878,494, filed May 5, 1992, now abandoned.

WHEREAS, MICROE, INC., a Delaware corporation (hereinafter "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in, to and under said Patent and the inventions covered thereby;

NOW THEREFORE, for valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR does hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in, to and under the United States of America and all foreign and PCT applications, and in all letters patent of the United States and all foreign countries which have been or shall be granted on said inventions, or any parts thereof, or on said applications, or on any divisions, continuations, reissues, extensions or other applications based in whole or in part thereon; the same to be held and enjoyed by ASSIGNEE for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives, to the end of the term or terms for which said patents are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR, if this assignment and sale had not been made; together with all claims for damages by reason of past infringement of said patents, with the right to sue for such damages, and collect the same for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives.

AND, ASSIGNOR, agrees for itself and its successors and assigns, with said ASSIGNEE and its successors and assigns, but at the expense and charge of said ASSIGNEE, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the transfer to the said ASSIGNEE and its successors and assigns of Letters Patent in the United States and in all other countries, with specifications and claims to vest and confirm in said ASSIGNEE and its successors and assigns, the legal title to all such patents and to otherwise give full effect to and perfect the rights of said ASSIGNEE under this assignment.

AND, ASSIGNOR, does hereby authorize and request competent authorities to issue such Letters Patents as shall be granted upon said applications to said ASSIGNEE and its successors and assigns. ASSIGNOR hereby covenants that it has full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreements inconsistent herewith.

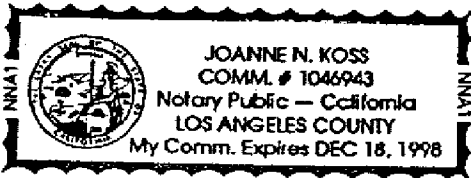
IN WITNESS WHEREOF, the ASSIGNOR has caused this instrument to be executed by its duly authorized officer this 27th day of April, 1995.

By: [Signature]  
Dr. Lawrence A. Wan  
Title: Vice President - Corporate Technology

State of California )  
County of Los Angeles ) SS.

On this 27th day of April, 1995, before me appeared Dr. Lawrence A. Wan, to me personally known who, being duly sworn, did dispose and say that he is an officer of BEI SENSORS AND SYSTEMS COMPANY, the corporation named in and which executed the foregoing instrument; and that said instrument was signed on behalf of said corporation; and that said person acknowledged said instrument to be the free and authorized act and deed of said corporation.

Given under my hand and seal at Sylmar, California this 27th day of April, 1995.



[Signature]  
Notary Public - Joanne N. Koss  
My Commission Expires: December 18, 1998

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