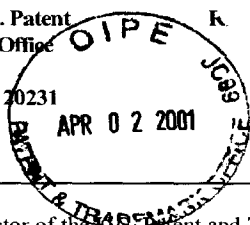


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Michael M. NAHUM
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☐ Yes ☒ No

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B. Execution Date: December 8, 2000

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

B. Patent Application No.(s) 09/731,671

C. Patent No.(s) _____

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

Name: Stephen J. Roe

Address: **OLIFF & BERRIDGE, PLC**
P.O. Box 19928
Alexandria, VA 22320

6. Total number of applications and patents involved: _____

7. A. Total fee (37 CFR 3.41).....\$ 40.00

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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.

Thomas J. Roe

Stephen J. Roe Registration No. 34,463

THOMAS J. ROE Ry No 34,411

Date: April 2, 2001

Total number of pages including cover sheet, attachments, and document: 2

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<p>3. A. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>B. Execution Date: <u>December 8, 2000</u></p>	<p>09/731671</p>
<p>4. A. If this document is being filed together with a new application, the execution date of the application is: <u>December 8, 2000</u></p> <p>B. Patent Application No.(s) _____ C. Patent No.(s) _____</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Stephen J. Roe</u></p> <p>Address: <u>OLIFF & BERRIDGE, PLC</u> <u>P.O. Box 19928</u> <u>Alexandria, VA 22320</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. A. Total fee (37 CFR 3.41).....\$ <u>40.00</u> B. Enclosed (Check No. <u>114521</u>)</p> <p>8. Credit any overpayment or charge any underpayment to deposit account number <u>15-0461</u>.</p>
<p>9. Statement and signature. <i>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.</i></p> <p> _____ Stephen J. Roe Registration No. 34,463 Eric D. Morehouse Registration No. 38,565</p> <p>Date: <u>December 8, 2000</u></p> <p>Total number of pages including cover sheet, attachments, and document: <u>2</u></p>	

MRD 12-8-00

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PATENT
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WORLDWIDE ASSIGNMENT

(1-8)	Insert Name(s) of Inventor(s)	(1) Michael M. NAHUM	(5) _____
		(2) Patrick H. MAWET	(6) _____
		(3) _____	(7) _____
		(4) _____	(8) _____

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9)	Insert Name of Assignee	(9) Mitutoyo Corporation
(10)	Insert Address of Assignee	(10) 20-1, Sakado 1-chome, Takatsu-ku, Kawasaki Kanagawa-ken 213, JAPAN

(hereinafter designated as the Assignee) and Assignee's heirs successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100 and for all other countries: in the invention; in all applications for patent or similar rights on the invention, said applications including any and all provisional, non-provisional, divisional, continuation, confirmation, substitute and reissue application(s), including any application(s) filed in any country based thereon, and including the right to file foreign applications under the provisions of any treaty or convention; and in all grants, such as Letters Patent, certificates, utility models, confirmations, extensions, reissues and reexamination certificates that may be granted in the U.S. and in all other countries on the invention, known as

(11)	Insert Identification, such as Title, Case Number or Foreign Application Number	(11) SYSTEMS AND METHODS FOR HIGH-ACCURACY DISPLACEMENT DETERMINATION IN A CORRELATION BASED POSITION TRANSDUCER
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(Attorney Docket No. 106539)
for which the undersigned has (have) executed an application for patent in the United States of America

(12)	Insert Date of Signing of Application	(12) on _____
(13)	Alternative Identification for filed applications	(13) U.S. Application Serial Number _____ filed _____

1) The undersigned agree(s) to execute all papers necessary in connection with any application and/or grant for the invention and also to execute separate assignments in connection with such applications and grants as the Assignee may deem necessary.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning any application or grant for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain, maintain or confirm a valid grant to the Assignee in the United States and any other country in which the Assignee may file a patent application(s).

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and other issuing authorities to issue any and all grants resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement(s) in conflict herewith.

6) The undersigned hereby grant(s) the firm of OLIFF & BERRIDGE the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of any issuing authority, including the United States Patent and Trademark Office, for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>12/8/00</u>	Name of Inventor	<u>Michael M. Nahum</u> (SEAL)
Date	<u>12/8/00</u>	Name of Inventor	<u>Patrick H. Mawet</u> (SEAL)
Date	_____	Name of Inventor	_____ (SEAL)
Date	_____	Name of Inventor	_____ (SEAL)
Date	_____	Name of Inventor	_____ (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date	<u>12/8/00</u>	Witness	<u>Jennifer L. Hammond</u>
Date	<u>12/8/00</u>	Witness	<u>[Signature]</u>