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Additional name(s) of conveying party(ies) attached? Yes X No		
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Execution Date(s)March 31, 2011 and April 4, 2011		
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Security Agreement Change of Name	City:	
Joint Research Agreement	State:Osaka	
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Executive Order 9424, Confirmatory License	Country: Japan Zip: 565-0871	
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	document is being filed together with a new application.	
A. Patent Application No.(s)	B. Patent No.(s)	
13/081,510		
13/00/1/2/0		
Additional numbers att	I ached? ☐ Yes ☒ No	
5. Name and address to whom correspondence	6. Total number of applications and patents	
concerning document should be mailed:	involved: 1	
Name: <u>George D Liu</u>	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00	
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Signature	April 7, 2011 Date	
George D. Liu	Total number of pages including cover 5	
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PATENT REEL: 026101 FRAME: 0916

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 13/081,510

Inventor: Michisato TOYODA

Filed: April 7, 2011

Title: Distance Measuring Apparatus, Distance Measuring Method, Distance Measurement

Program And Computer Readable Recording Medium

Confirmation No.: 4095

CONTINUATION OF BOX 2: NAME AND ADDRESS OF RECEIVING PARTY(IES)

Name of Assignee 2: MSI.TOKYO, INC.

Address: 1-3-10, Tobitakyu, Chofu-shi, Tokyo 182-0036 Japan

PATENT REEL: 026101 FRAME: 0917

ASSIGNMENT OF INVENTION

In consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the sufficiency and receipt of which are hereby acknowledged, and for the other good and valuable consideration,

ASSIGNOR:

Michisato Toyoda c/o Osaka University, 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 Japan

Toshio Tashima c/o MSI.TOKYO, INC., 1-3-10, Tobitakyu, Chofu-shi, Tokyo 182-0036 Japan

hereby sell, assign and transfer to

ASSIGNEE:

OSAKA UNIVERSITY 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 Japan

MSI.TOKYO, INC. 1-3-10, Tobitakyu, Chofu-shi, Tokyo 182-0036 Japan

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to all improvements which are disclosed in the invention entitled:

DISTANCE MEASURING APPARATUS, DISTANCE MEASURING METHOD, DISTANCE MEASUREMENT PROGRAM AND COMPUTER READABLE RECORDING MEDIUM

which has been executed by the unde	rsigned concurrently herewith
which was filed on April 7, 2011	and assigned Serial No. 13/081,510
and, in and to all Letters Patent to be obtained f	for said invention by the above application or

any continuation, division, renewal, substitute, reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

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Ref# 1703P019US

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We hereunto set hand and seal

March 31, 2011	Michisato Coyada
Date	Michisato Toyoda
Date	Toshio Tashima

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We hereunto set hand and seal

Date

Michisato Toyoda

Date

Toshio Tashima

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