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To the Director of the United States Pa 10311	7221
 Name of conveying party(ies): Tsukasa WATANABE Tadashi MASUDA Additional name(s) of conveying party(ies) attached? ☐ Yes 	2. Name and address of receiving party(ies): NATIONAL INSTITUTE OF ADVANCED INDUSTRAIL SCIENCE AND TECHNOLOG Address: 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921, Japan
3. Nature of Conveyance: ■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other	
Execution Date: October 20, 2005	Additional name(s) and address(es) attached? ☐ Yes ■ ?
4. Application number(s) or patent number(s):	
☐ This document is being filed together with a new applicat	tion
A. Patent Application No.(s) 11/213,704	B. Patent No.(s)
Additional numbers	attached? Yes No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1
Customer Number	7. Total fee (37 CFR 3.41): \$40.00
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Tel. (703) 413-3000 Fax. (703) 413-2220	Authorized to be charged to deposit account 8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)
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9. Statement and signature	
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Alexandria, Virginia. 22313

PATENT REEL: 017190 FRAME: 0945

Assignment of Application

Page 1 of 2

	WHEREAS, I (WE)	(1). Tsukasa WAT	ANABE				
RT NAMES	of c/o National Institute of Advanced Industrial Science and Technology,						
RESIDENCE PRESS OF INVENTORS:				uba-shi, Ibaraki 305-8563, JAPA			
		(2). Tadashi MAS		17 100 0022 I	ADAN		
		of 3-21, Nishiki-i	machi 2-chome, 1 a	chikawa-shi, Tokyo 190-0022, J <i>A</i>	TAIN		
					**		
SERI TITLE INVENTION: SERI DATE IN- NTORS SIGNED CLARATION:							
	10.00				, respectively,		
	have invented certain new and useful improvements in:						
	ANGLE DETECTO	OR WITH SELF-CALIBR	RATION CAPABIL	JITY			
	for which an applicati	ion for Letters Patent was	executed on	October 20, 2005			
EDT.VANE	(Application No.	11/213,704	, filed	August 30, 2005), and		
ERT NAME ADDRESS OF IPANY OR IER ASSIGNEE	WHEREAS, National Institute of Advanced Industrial Science and Technology						
	(hereinafter referred to as "ASSIGNEE") having a place of business at:						
	3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921, JAPAN						
	is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that						

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	October	20,	2005	(Signature of Inventor) Tsukasa WATANABE
Date:	October	20,	2005	Tadashi Masuda (Signature of Inventor) Tadashi MASUDA
Date:				(Signature of Inventor)
Date:				(Signature of Inventor)
Date:				(Signature of Inventor)
Date:				(Signature of Inventor)
Date:				(Signature of Inventor)
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