Page 1 of 1

Recordation Form Cover Sheet PATENTS ONLY

Attorney's Docket No. 1012778-000151

REEL: 022245 FRAME: 0943

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

	<u>.</u>		_				
1.	Name of conveying party(ies): Yoshiyuki YASUI, Toshihisa KATO, Hiroshi MATSUOKA, Junya NAGAYA Name and address of receiving party(ies): ADVICS CO., LTD. 2-1, Showa-cho Kariya city, Aichi pref., 448-8688 Japan						
2.							
3. Nature of Conveyance/Execution Date(s): Execution Date(s): August 1, 2005; August 3, 2005; August 3, 2005					August 3, 2005		
	Assignment Security Agreement Joint Research Agreement Government Interest Agreement Other:			Executive Or Merger Change of Na	der 9424 Confirmatory License		
4.	Application or patent number(s): A. Patent Application No.(s) 11/190,818			B. Patent No. [List Pater	(s) it Numbers here]		
	This docu	ment is being filed together w	ith a n	ew application.			
5.	Name and address to whom correspondence Name: Matthew L. Schneider Address: Buchanan Ingersoll & Room Customer Number 21839 P.O. Box 1404 Alexandria, VA 22313-1404			cerning document	should be mailed:		
6.	Total number	Total number of applications and patents involved: 1					
7.	Total fee (37 C	FR 1.21(h) & 3.41) \$ 40		attached. Authorized to be ch Enclosed.	arged by credit card. PTO Form 2038 arged to deposit account 02-4800 't interest not affecting title)		
8.	Signature:	Signature Dayld R. Kemeny			February 10, 2009 Date		
		Name of Person Signing		Total number of pages documents:	including cover sheet, attachments, and 4		

Attorney's Docket No. 012778-151

ASSIGNMENT (JOINT)

THIS ASSIGN	MENT, I	by Yosi	hiyuki YASUI; Toshihisa KATO; Hiroshi MATSUOKA; and Junya NAGATA	
		•		-
<u></u>			Touch gity Aichi pref Japan; and	
residing at Na Kariya city, Alc	igoya city hi pref., J	, Aichi r apan	oref., Japan; Handa city, Aichi pref., Japan; Toyota city, Aichi pref., Japan; and	
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			the Assignors"), respectively, witnesseth:	
WH	EREAS,	the As	signors have invented certain new and useful improvements in	\neg
ROLL INCRE	ASING TI	ENDEN	CY ESTIMATION APPARATUS	I
				4
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set forth in a	n applic	ation fo	or Letters Patent of the United States, which is a	
(1)	0		sional application	
(-,	(a)	O	and filed on	
	(b)	0	to be filed herewith; or	
(2)	0	non-p	provisional application	
(=)	(a)	Θ	bearing Application No. <u>11/190,818</u> , and filed on July 28, 2005	
	(b)		having an eath or declaration executed on even date herewith prior to filing of application;	0
	(c)	0	having an oath or declaration executed on a different date than this Assignment; and	
			Page 1 of 3	(7/04)

PATENT REEL: 022245 FRAME: 0944

Application No.	11/190,818
Attorney's Docket No.	

WHEREAS, ADVICS CO., LTD.
a corporation duly organized under and pursuant to the laws of Japan
and having a principal place of business at 2-1, Showa-cho, Kariya city, Aichi pref., 448-8688, Japan

(hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made:

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Burns, Doane, Swecker & Mathis, L.L.P. to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

Application No. <u>11/190,818</u>
Attorney's Docket No. <u>012778-151</u>

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

DATE Aug 1, 2005	Joshiyuki Yasui
DATE Aug 1, 2005	Joshihisa Kato
DATE Aug. 3, 2005	Hiroshi Matsuoka
DATE Aug 3, 2005	Akroshi Matomoka Hiroshi MATSUOKA Junya Nagaya Junya NAGAYA
DATE	