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PATENTS ONLY RECORDATION FORM COVER SHEET Attorney Docket FUJO 22.496.	
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address	(es) below.
1. Name of conveying party(ies)/Execution Date(s): Kazuo SHIRAKAWA 2. Name and address of receiving party Name: FUJITSU LIMITED	· · · o
January 22, 2007	112950 U.S. PT 11/698499
Execution Date(s)	11295
3. Nature of conveyance: Nakahara-ku, Kawasaki-shi, Kanagawa	
✓ Assignment	
Security Agreement Change of Name State:	
Government Interest Assignment Executive Order 9424, Confirmatory License Country: Japan Zip: 211-8	
OtherAdditional name(s) & address(es) attached? 4. Application or patent number(s): This document is being filed together with a new	
01/31/2017 DBYRNE	
5. Name and address to whom correspondence concerning document should be mailed: 6. Total number of applications and particular involved:	ents
Name: Kalten Muchin Rosenman 7. Total fee (37 CFR 1.21(h) & 3.41) \$_4	0.00
Internal Address: Authorized to be charged by credit ca	
Street Address: 575 Madison Avenue Authorized to be charged to deposit a	ccount
Street Address: 575 Madison Avenue Linclosed 15th Floor, IP Department Interest not	affecting title)
City: New York 8. Payment Information	
State: New York Zip: 10022-2585 a. Credit Card Last 4 Numbers Expiration Date	
Phone Number: 212-940-8800 b. Deposit Account Number 50-1290	
Fax Number: 212-940-8986/8987 Email Address: Authorized User Name Katten Much	
9. Signature: January 26, 2007	n Rosenman
Signature Date	n Rosenman

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 018844 FRAME: 0614

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S)) FUJITSU LÍMITED 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan (hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention) TARGET DETECTION APPARATUS AND SYSTEM relating to International Patent Application PCT/JP and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was: (Insert date of execution of application, if not concurrent) (b) filed on _ Assignee's attorney is hereby authorized to insert in (b) the specified data, when known. and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)"). The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s), Kazuo SHIRAKAWA (Type Name) (Signature) (Type Name) (Date) (Signature) (Type Name) (Date) (Type Name) (Date) (Signature) (Type Name) (Date)

RECORDED: 01/26/2007

PATENT REEL: 018844 FRAME: 0615