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(Rev. 00/04)	02946891			
To the Director the U.S. Please record the attached documents or the new address(es) below.				
Name of conveying party(ies)/Execution Date(s):	Name and address of receiving party(ies):			
1. Satoshi ORITO	Name: FUJITSU MEDIA DEVICES LIMITED			
 Toru TAKEZAKI Satoshi ICHIKAWA Hirotada WACHI Tsuyoshi OURA Toshifumi TANAKA Koichi WADA 	Address: 3-12, Shin-Yokohama 2-chome Kohoku-ku, Yokohama-shi Kanagawa 222-0033, Japan			
Execution Date(s): 1. January 13, 2005 2. January 14, 2005 3. January 19, 2005 4. January 25, 2005 5. January 26, 2005 6. January 20, 2005 7. January 13, 2005				
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No				
3. Nature of conveyance: Assignment				
	Additional name(s) & address(es) attached? ☐ Yes ☒ No			
4. Application number(s) or patent number(s):				
A. Patent Application No.(s) 10/989,549	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 number of applications and patents involved: One 7. Total fee (37 CFR 1.21(h) & 3.41)\$ 40.00			
Name: Arent Fox PLLC	☑ Included in attached check.			
Street Address: 1050 Connecticut Avenue, N.W., Suite 400 Washington, D.C. 20036-5339	 Authorized to be charged by credit card. Authorized to be charged to Deposit Account. Any additional fees are authorized to be charged to deposit account. 			
Tel. No.: 202-857-6000 Fax No.: 202-638-4810	8. Payment Information			
Email Address: dcipdocket@arentfox.com 17/2005 SZEWDIE1 00000101 10989549	a. Credit Card Last 4 Numbers: Expiration Date:			
FC:8021 40.00 OP	b. Deposit account number: 01-2300 (Attach duplicate copy of this page if paying by deposit account)			
	Authorized User Name:			
DO NOT USE THIS SPACE				
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.				
Charles M. Marmelstein February 16, 2005				
Name of Person Signing Reg. No. 25,895 Date 27931				
CMM:cs Total numb	per of pages including cover sheet, attachments, and document: 2			

PATENT

Docket No: 025720-00057

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventors (hereinafter ASSIGNOR) by:

FUJITSU MEDIA DEVICES LIMITED of 3-12, Shin-Yokohama 2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 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:

SURFACE ACOUSTIC DEVICE

for which application for Letters Patent of the United States was filed on 11/17/2004, and assigned Serial No. 10/989,549 (Arent Fox PLLC is hereby authorized to insert the series code, serial number and/or filing date hereon, when known) and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventors have affixed their signatures.

Satoshi Orito	Satoshi Onto	13/ January/2005
Toru Takezaki	(SIGNATURE) James Jahren (SIGNATURE)	(DATE) /4 Jon 2005 (DATE)
Satoshi Ichikawa	Schish De L. Icawa (SIGNATURE)	19, Jan, 2005
Hirotada Wachi	Hinotada Nachi (SIGNATURE)	19, Jan, 2005 (DATE) 25, Jan, 2006 (DATE)
Tsuyoshi Oura	Jsvyoshi Oura (SIGNATURE)	26, Jan , 2005 (DATE)
Toshifumi Tanaka	Joshifumi Janaka (SIGNATURE)	
Koichi Wada	Koichi Wada (SIGNATURE)	20, Jan., 2005 (DATE) 13/ January / 2005 (DATE)
	(SIGNATURE)	(DATE)
	(SIGNATURE)	(DATE)

NO LEGALIZATION REQUIRED

RECORDED: 02/16/2005

PATENT REEL: 016277 FRAME: 0237