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1. Name of conveying party(ies):	2. Name and address of receiving party(ies):						
Fuminori MORITAKE	STAR MICRONICS CO., LTD.						
Shigeru SUGIYAMA Naohiro FUJINAMI	20-10, Nakayoshida, Shizuoka-shi, Shizuoka, Japan						
Tomoyuki SATO	79.						
Yoshio IMAHOR:							
Additional name(s) of conveying party(ies) attached? Yes							
3. Nature of conveyance:							
☑ Assignment ☐ Merger							
☐ Security Agreement ☐ Change of Name							
Other							
Execution Date: April 19, 2001	Additional name(s) & address(es) attached? ☐ Yes ☑ No						
4. Application number(s) or patent number(s):							
If this document is being filed together with a new application, the execution date of the application is: April 19, 2002							
A. Patent Application No.(s)	B. Patent No.(s)						
	(0/14/176						
	numbers attached?						
5. Name and address of party to whom corresponde concerning document should be mailed:	1						
SUGHRUE MION, PLLC	7. Total fee (37 CFR 3.41): \$40.00						
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PATENT REEL: 012892 FRAME: 0850

ASSIGNMENT

Whereas, I/we Fuminori MORITAKE, Shigeru SUGIYAMA, Naohiro FAJINAMI, Tomoyuki SATO and Yoshio IMAHORI all of Shizuoka, Japan

hereinafter called assignor(s), have invented certain improvements in SPEAKER

and executed an application for Letters Patent of the United States of America therefor on

April 19, 2002

; and

Whereas,

STAR MICRONICS CO., LTD. of

20-10, Nakayoshida, Shizuoka-shi, Shizuoka, Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. § 119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Penrisylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number______, filed______) the filing date and application number of said application when known.

Date:	April	19,	2002	s/	Fuminori	Moritake
Date:	April	19,	2002	s/	G. Gugi	yama
Date:	April	19,	2002	s/	Naohiro	Fujinami
Date:	April	19,	2002	s/	Tomoyuki	Sato
Date:	April	19,	2002	s/	g/osfile (2 majori

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

RECORDED: 05/09/2002

PATENT REEL: 012892 FRAME: 0851