

03-29-2002



Q68793

Form **PTO-1595** (modified)  
(Rev. 03/01)  
OMB No. 0651-0027

**102036285**  
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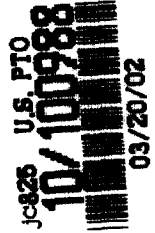
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Shigeru SUGIYAMA  
Hajime KITAMURA  
Yoshio IMAHORI

## 2. Name and address of receiving party(ies):

STAR MICRONICS CO., LTD.  
20-10, Nakayoshida, Shizuoka-shi, Shizuoka, Japan



*03/20/02*

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: February 25, 2002

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: February 25, 2002

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

SUGHRUE MION, PLLC  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-3213

## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.  
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## 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.*

*Darryl Mexic*

Darryl Mexic

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March 20, 2002

Date

Total number of pages including cover sheet, attachments, and documents: 2

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Box Assignment

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03/28/2002 TDIAZI 00000190 10100988

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**PATENT**  
**REEL: 012717 FRAME: 0433**

# ASSIGNMENT

Whereas, I/we Shigeru SUGIYAMA, Hajime KITAMURA 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

February 25, 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  
Pennsylvania 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: February 25,  
2002

s/

*G. Sugiyama*

Date: February 25,  
2002

s/

*H. Kitamura*

Date: February 25,  
2002

s/

*Yoshio Imahori*

Date:

s/

Date:

s/

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