

A/y 581-40

J013 Rec'd 01/10 31 OCT 2001

09/926429

01-15-2002

Attorney Docket No. 011325DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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101946585

Commissioner for Patents: Please record the attached original documents or copy thereof.

Submission type: X NewConveyance type: X Assignment

Conveying Party(ies): (Last, First, Middle Initial) Execution Date

First party Name: TAKEUCHI, Takanobu August 24, 2001

Second party Name: OHBAYASHI, Yoshiaki September 13, 2001

Third party Name: YASUDA, Mamoru September 13, 2001

Fourth party Name: SAEKI, Shinichi September 13, 2001

Fifth party Name:

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

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Receiving Party (ies):

First party Name: MITSUBISHI DENKI KABUSHIKI KAISHA  
Address: 2-3, Marunouchi, 2-chome, Chiyoda-ku,  
Tokyo 100-8310, JapanSecond party Name: HOSIDEN CORPORATION  
Address: 1-4-33, Kitakyuhouji, Yao-shi, Osaka 581-0071, JapanAdditional name(s) & address(es) attached? Yes    No XX

Domestic Representative Name and Address (Enter for the first Receiving Party only)

ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON, LLP  
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WRD 10-31-01

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**Correspondent Name and Address**

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**Pages** Enter the total number of pages of the attached conveyance document: 1  
*(including any attachments, but not counting cover sheets)*

**Application Number(s) or Patent Number(s)** Additional numbers attached? Yes    No XX

A. Patent Application No.(s)

B. Patent No.(s)

##

##

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: August 24, 2001  
*(Do not recite both application and patent numbers.)*

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if  
 a U.S. Application Number has not been assigned

PCT PCT/JP01/03371PCT                     PCT                     

**Number of Properties** Enter the total number of properties involved: 1

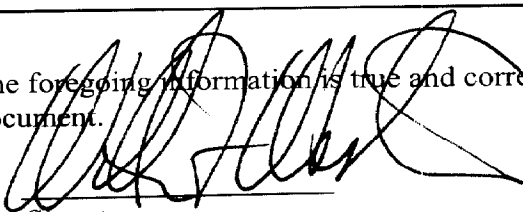
**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41). . . . . \$40.00

XX Enclosed   Authorized to be charged to Deposit Account No.: 01-2340**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.

William F. Westerman  
 Name of Person Signing

  
 Signature

October 31, 2001  
 Date

29,988  
 Registration No.

Rev. 11/00

WFW/yap

**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 ASSIGNEE's  
Name(s) Address(es))

Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi, 2-chome, Chiyoda-ku, Tokyo 100-8310, Japan, and  
Hosiden Corporation, 1-4-33, Kitakyuhouji, Yao-shi, Osaka 581-0071, 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)

SEMICONDUCTOR ELECTRET CAPACITOR MICROPHONE

(\*If the assignment is being  
filed after the filing of the  
application, this section  
must be completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

\*filed on \_\_\_\_\_, Serial No. \_\_\_\_\_  
(Armstrong, Westerman, Hattori, McLeland & Naughton 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, 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 the application and any continuation, 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, divisional, 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 inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

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(DATE)

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(DATE)

NO LEGALIZATION REQUIRED