

PATENT ASSIGNMENT

Electronic Version v08

Stylesheet Version v02

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name	Execution Date
Satoshi HACHIYA	2006-02-17
Koji MATSUMOTO	2006-02-17
Michihiro OGAHARA	2006-02-22

RECEIVING PARTY DATA

Name	Street Address	Internal Address	City	State/Country	Postal Code
PIONEER CORPORATION	4-1, Meguro 1-chome, Meguro-ku,		Tokyo	JAPAN	153-8654
TOHOKU PIONEER CORPORATION	1105, Aza-nikko, Oaza-kunomoto,		Tendo-shi, Yamagata	JAPAN	994-8585

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number	11351274

CORRESPONDENCE DATA

FAX NUMBER: 2028870357

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

CUSTOMER NUMBER: 023850

NAME OF PERSON SIGNING:

Mel R. Quintos

DATE SIGNED:

2006-05-09

Total Attachments: 1

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CH \$40.00 012340 11351274

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))

PIONEER CORPORATION**4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654, Japan****TOHOKU PIONEER CORPORATION****1105, Aza-nikko, Oaza-kunomoto, Tendo-shi, Yamagata 994-8585, 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)

DIAPHRAGM AND SPEAKER

(*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 February 10, 2006, Serial No. 11/351,274.

(Armstrong, Kratz, Quintos, Hanson & Brooks, LLP is hereby authorized to insert the serial 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)

<u>Satoshi Hachiya</u> (Signature)	<u>Satoshi HACHIYA</u> (Type Name)	<u>Feb. 17, 2006</u> (Date)
<u>Koji Matsumoto</u> (Signature)	<u>Koji MATSUMOTO</u> (Type Name)	<u>Feb. 17, 2006</u> (Date)
<u>Michihiro Ogahara</u> (Signature)	<u>Michihiro OGAHARA</u> (Type Name)	<u>Feb. 22 2006</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)

NO LEGALIZATION REQUIRED

PATENT

RECORDED: 05/09/2006

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