

05-08-2001

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FORM PTO-1619A

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PATENT

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JCS971 U.S. PTO
09/042095

04/26/01

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04/26/01

- New
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Document ID# _____
- Correction of PTO Error
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Conveyance Type

- Assignment
- License
- Merger
- Security Agreement
- Change of Name
- Other _____

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) Bunkei Matsuoka
Name (line 2)

Execution Date
04/13/01

Second Party

Name (line 1) Hirohisa Tasaki
Name (line 2)

Execution Date
04/13/01

Receiving Party

Mark if additional names of conveying parties attached

Name (line 1) Mitsubishi Denki Kabushiki Kaisha
Name (line 2)
Address (line 1) 2-3, Marunouchi 2-chome, Chiyoda-ku
Address (line 2) Tokyo, Japan 100-8310
Address (line 3)

If document to be recorded is an assignment and the receiving party is not domiciled in the U.S., an appointment of domestic representative is attached.

Domestic Representative Name and Address

Enter for the First Receiving Party only.

Name: Vincent M. DeLuca
Address (line 1): Rothwell, Figg, Ernst & Manbeck
Address (line 2): 555 13th St., N.W.
Address (line 3): Suite 701-East
Address (line 4): Washington, D.C. 20004

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05/08/2001 LKUELLER 00000060 09842095

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**PATENT
REEL: 011758 FRAME: 0581**

Correspondent Name and Address

Area Code and Telephone Number: 202/783-6040

Name: Vincent M. DeLuca
Address (line 1): Rothwell, Figg, Ernst & Manbeck
Address (line 2): 555 13th St., N.W.
Address (line 3): Suite 701-East
Address (line 4): Washington, D.C. 20004

Pages Enter the total number of pages of the attached conveyance document including any attachments # 1

Application Number(s) or Patent Number(s) [] Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property)

Patent Application Number(s): Patent Number(s):

09/842095

If this document is being filed together with a new Patent Application, enter the date of the patent application was signed by the first named executing inventor. 04/13/01

Patent Cooperation Treaty (PCT)

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

PCT

Number of Properties Enter the total number of properties involved. # 1

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$40

Method of Payment: Enclosed Deposit Account Credit Card

Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: 02-2135

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Vincent M. DeLuca
Name of Person Signing

Vincent M DeLuca
Signature

4/26/01
Date

Registration No. 32,408
Docket No. 1137-824

Attorney Docket Number: _____

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Bunkei MATSUOKA, a citizen of Japan
First Named Inventor
residing at 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan
Address

Hirohisa TASAKI, a citizen of Japan
Second Named Inventor, if any
residing at 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan
Address

_____, a citizen of _____
Third Named Inventor, if any
residing at _____
Address

_____, a citizen of _____
Fourth Named Inventor, if any
residing at _____
Address

_____, a citizen of _____
Fifth Named Inventor, if any
residing at _____
Address

_____, a citizen of _____
Sixth Named Inventor, if any
residing at _____
Address

_____, a citizen of _____
Seventh Named Inventor, if any
residing at _____
Address

ASSIGNOR(S), is/are the inventor(s) of an invention in "SPEECH DECODING UNIT AND SPEECH DECODING METHOD"
for which I/we have executed an application for Letters Patent of the United States,

(Check One) of even date herewith
 serial number _____,
filed _____; and

WHEREAS, MITSUBISHI DENKI KABUSHIKI KAISHA of 2-3, Marunouchi 2-chome,
Assignee *Citizenship/Corporate Status* *Address*
Chiyoda-ku, Tokyo 100-8310 Japan

ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me/us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I/we, the said ASSIGNOR(S) have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reexamination certificates, reissues and extensions thereof, and I/we hereby authorize and request the Commissioner of Patents of the United States, to issue all Letters Patent for said invention to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I/WE HEREBY covenant that I/we have the full right to convey the entire interest herein assigned, and that I/we have not executed, and will not execute, any agreement in conflict herewith.

AND I/WE HEREBY further covenant and agree that I/we will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me/us respecting said invention, and testify in any legal

proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention at the expense of the ASSIGNEE.

AND I/WE HEREBY further covenant and agree that I/we will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me/us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention at the expense of the ASSIGNEE.

IN TESTIMONY WHEREOF, I/we hereunto set my/our hand(s) and seal(s) the day and year set opposite my/our signature(s).

<u>Bunkei Matsuoka</u>	Bunkei MATSUOKA	L.S.	Date <u>April 13</u> , 20 <u>01</u>
<u>Hirohisa Tasaki</u>	Hirohisa TASAKI	L.S.	Date <u>April 13</u> , 20 <u>01</u>
_____		L.S.	Date _____, 20 ____
_____		L.S.	Date _____, 20 ____
_____		L.S.	Date _____, 20 ____
_____		L.S.	Date _____, 20 ____
_____		L.S.	Date _____, 20 ____