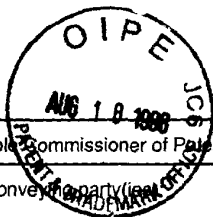


FORM 1595

08-21-1998

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

8-18-98



100798513

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

<p>1. Name of conveying party(ies): Takayuki Nagayasu</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): Name <u>Mitsubishi Denki Kabushiki Kaisha</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>2-3 Marunouchi 2-Chome</u> <u>Chiyoda-ku</u></p> <p>City <u>Tokyo</u></p> <p>Country <u>Japan</u> ZIP <u>100</u></p> <p>Additional name(s) & addresses(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Name of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: <u>August 6, 1998</u></p>	

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: _____

A. Patent Application No.(s) 08/653,279
Filed: May 24, 1996

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Vincent M. DeLuca</u></p> <p>Internal Address: <u>Rothwell, Figg, Ernst & Kurz</u> <u>Suite 701 East</u></p> <p>Street Address: <u>555 13th Street, N.W.</u></p> <p>City: <u>Washington</u></p> <p>State: <u>D.C.</u> Zip <u>20004</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41): . . . \$ <u>40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: _____</p>
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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 True copy of the original document.

Vincent M. DeLuca Vincent M De Luca 8/18/98
Name of Person Signing Signature Date

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

08/20/1998 JMT/KINS 00000007 08653279 40.00 DF 01 FC-581

ASSIGNMENT

WHEREAS, I, Takayuki Nagayasu, a citizen of Japan, residing at c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-Ku, Tokyo, 100 Japan am the inventor of an invention in A SOFT-DECISION RECEIVER AND DECODER FOR DIGITAL COMMUNICATIONS for which I have executed an application for Letters Patent of the United States, Serial No. 08/653,279, filed May 24, 1996.

WHEREAS, Mitsubishi Denki Kabushiki Kaisha, incorporated in the state of Japan, with a place of business at 2-3, Marunouchi 2-Chome, Chiyoda-Ku, Tokyo, 100 Japan 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 in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said Takayuki Nagayasu have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Mitsubishi Denki Kabushiki Kaisha, 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 reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said Mitsubishi Denki Kabushiki Kaisha, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

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

AND I HEREBY further covenant and agree that I will communicate to said Mitsubishi Denki Kabushiki Kaisha, its successors, legal representatives and assigns, any facts known to me 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 Mitsubishi Denki Kabushiki Kaisha, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 6th day of August, 1998.

Takayuki Nagayasu L.S.