

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

1. Name of conveying party(ies):

Takeshi Nakamura
Yoshiaki Heinouchi

04-23-1998



100696245

Name and address of receiving party(ies):

Yurita Manufacturing Co., Ltd.
26-10, 2-chome, Tenjin
Nigamkakyo-shi, Kyoto 617-8555

Additional name(s) of conveying party(ies) attached? yes no Additional name(s) & address(es) attached? yes no

3. Nature of Conveyance:

Assignment Merger Other _____
 Security Agreement Change of Name Execution Date: March 27, 1998

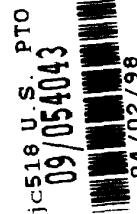
4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date(s) of the application is/are: March 27, 1998

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:

GRAHAM & JAMES LLP
Intellectual Property Group
885 Third Avenue
New York, New York 10022

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

Enclosed

Charge our Deposit Account No. 07-1855 for deficiency in the above fee, and credit any overpayment thereto.

6. Total number of applications and patents involved

8. Deposit account number: 07-1855

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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.

Jesse D. Reingold

Name of Person Signing

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Signature

April 2, 1998

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PATENT

REEL: 9107 FRAME: 0783

MRD 4-2-98

24/10/1998 BSTEWART 00000008 09054043 00 DP FC:501

Attorney Docket No.: 36856.74

ASSIGNMENT (WORLDWIDE)

WHEREAS, I, Takeshi NAKAMURA and Yoshiaki HEINOUCHI, (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled SPEAKER for which application for Letters Patent of the United States has been

X executed on even date herewith;
— filed on _____ as Serial No. _____.

WHEREAS, Murata Manufacturing Co., Ltd., 26-10, 2-chome, Tenjin, Nagaokakyo-shi, Kyoto 617-8555, JAPAN (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to the said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefor through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any Interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Dated: March 27, 1998

Takeshi Nakamura
Takeshi NAKAMURA

Dated: March 27, 1998

Yoshiaki Heinouchi
Yoshiaki HEINOUCHI