Docket No.: Y-190 FORM PTO-1595 (Modified) 05-16-2002 HEET U.S. DEPARTMENT OF COMMERCE (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) Patent and Trademark Office P08A/REV03 Tab settings → → To the Honorable Commissioner of Patents and Takenta 102091405...... the attached original documents or copy thereof. 2. Name and address of receiving party(ies): Name of conveying party(ies): (2) Keiji Ishikawa (1) Shinya Mizone (3) Shoouji Nakajima (4) Akira Kabumoto Matsushita Electric Industrial Co., Ltd. Name: (5) Satoshi Ono Address: 1006, Ooaza ☐ Yes 🖾 No Additional names(s) of conveying party(ies) 3. Nature of conveyance: ☑ Assignment ☐ Merger City: Kadoma Kadoma-shi State/Prov.: Osaka ☐ Change of Name Security Agreement Country: Japan ZIP: 571-8501 ☐ Other __ Execution Date: April 23, 2002 ☑ Yes ☐ No Additional name(s) & address(es) Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) Filing date Patent Application No. January 2, 2002 10/030,448 (PCT/JP00/06884) (3 October 2000) Yes No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: James H. Walters 7. Total fee (37 CFR 3.41):.....\$ 40.00 35,731 Enclosed - Any excess or insufficiency should be Registration No. credited or debited to deposit account Address: DELLETT AND WALTERS Authorized to be charged to deposit account 310 S.W. Fourth Avenue, Suite 1101 8. Deposit account number: City: Portland State/Prov.: OR (Attach duplicate copy of this page if paying by deposit account) Country: US ____ DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true-and confrect and any attached copy is a true copy of the original document. April 25, 2002 James H. Walters Date Signature Name of Person Signing 5 Total number of pages including cover sheet, attachments, and documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments 05/15/2002 LMUELLER 00000172 10030448

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Box 2 continued

Name and address of receiving parties:

Name: __Furukawa Electric Co., Ltd.,

Address: _Marunouchi 2-chome, Chiyoda-ku

City: __Tokyo _____ State/Prov: _____

Country: _Japan _____ Zip: _100-8322

Additional Names & Addresses: [] Yes [x] No

RECORDATION FORM COVER SHEET

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ASSIGNMENT - PATENT APPLICATION

I/We, Shinya Mizone, Keiji Ishikawa, Shoouji Nakajima, Akira Kabumoto, and Satoshi Ono, all of Japan, have invented certain new and useful improvements in a LOUDSPEAKER for which a Patent Cooperation Treaty application was filed on October 3, 2000, under Application No. PCT/JP00/06884, and for which we have made application for Letters Patent of the United States of America on January 2, 2002; and

Whereas Matsushita Electric Industrial Co., Ltd., of 1006, Ooaza, Kadoma Kadoma-shi, Osaka 571-8501 Japan, and The Furukawa Electric Co., Ltd., of Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 Japan (hereinafter "Assignees"), each desire to acquire an undivided 50 percent (50%) interest therein and in the Letters Patent to be obtained therefor;

For good and valuable consideration, the receipt and sufficiency of which are acknowledged, I/We hereby assign and transfer to Assignees, for the territory of the United States of America, the entire right, title and interest in and to said improvements and in and to said application and any Letters Patent that may be granted therefor in the United States including any division, continuation, substitute, renewal or reissue of said application or said Letters Patent.

I/We hereby agree to communicate to Assignees any facts known to me/us relating to said improvements, to testify as to the same in any interference or legal proceeding concerned therewith, to execute promptly and deliver to Assignees upon request any and all papers, instruments, declarations and affidavits required to apply for, obtain, maintain and enforce

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[Y190ASSIGNMENT/SEPT 2001]

said Letters Patent, and generally to do everything necessary or desirable to vest and perfect title thereto in Assignees.

This assignment is binding upon me/us and my/our heirs, successors and personal representatives, and shall inure to the benefit of Assignees, their successors, assigns and nominees.

In testimony whereof, I/We have hereunto set hand this 234h day of April , 2002.

WITNESSES:

Yasuhiko Johneta

Yenuhiko yokota

Yasuhika yokata

Yasufieko Yakoita

Yasahiko johoto.

INVENTORS:

Shinya Mizone

Keiji Ishikawa

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Ukira Kabumoto

Akira Kabumoto

Satoshi Ono

Satoshi Ono

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S.N. 10/030,448 (PCT/JP00/06884)

RECORDED: 05/07/2002

Filed: January 2, 2002 (3 October 2000)

Form PTO-1595 (Docket: Y-190)

Certificate of Mailing

I hereby certify that this Recordation Form Cover Sheet and the accompanying assignment and recordation fee referred to as enclosed therein are being deposited as first class mail with the United States Postal Service in an envelope addressed to Box Assignments, Commissioner of Patents and Trademarks, Washington, D.C. 20231, on this 25^{th} day of April, 2002. Λ

James H. Walters