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Docket No.: 500.38107X00

04-11-2000

FORM PTO-1595 1-31-92	RE		HEET	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Akemi HIROTSUNE, Motoyasu TERA0, Makoto MIYAMOTO, Tetsuya NISHIDA, Keikichi ANDO, Nobuhiro TOKUSHUKU, Yukio FUKUI, Takehiko YOROZU, Reiji TAMURA Yoshihiro IKARI</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: Hitachi, Ltd. Street Address: 6, Kanda Surugadai 4-chome, Chiyoda-ku City: Tokyo Country: Japan</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: Oct. 15,18,19,25,26,28 & Nov. 4, 1999</p>	

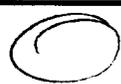
4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: Oct. 15,18,19,25,26 & Nov. 4, 1999

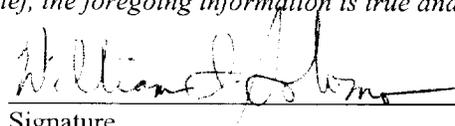
A. Patent Application No.(s)	B. Patent No.(s)
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Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP Internal Address: Street Address: 1300 North Seventeenth Street Suite 1800 City: Arlington State: VA Zip: 22209</p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 3.41)\$40.00 <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Any deficiencies may be charged to deposit account <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: 01-2135 (Attach duplicate copy of this page if paying by deposit account)</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 a true copy of the original document.

<u>William I. Solomon</u> Name of Person Signing Attorney Registration No.28,565	 Signature	<u>February 1, 2000</u> Date
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Total number of pages including cover sheet, attachments, and document: 4

OMB No. 0651-0011 (exp. 4/94)

PATENT
REEL: 010666 FRAME: 0211

Name: Hitachi Maxwell . Ltd.

Address: 1-88, Ushitora 1-Chome, Ibaraki-shi, Osaka, Japan

F401112

ASSIGNMENT
(譲渡証)

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Akemi HIROTSUNE, Motoyasu TERAU, Makoto MIYAMOTO, Yasushi MIYAUCHI, Tetsuya NISHIDA, Keikichi ANDO, Nobuhiro TOKUSHUKU, Yukio FUKUI, Takehiko YOROZU, Reiji TAMURA, Yoshihiro IKARI,

citizens of Japan by HITACHI, LTD., and Hitachi Maxell, Ltd., corporations organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, and 1-88, Ushitora 1-Chome, Ibaraki-shi, Osaka, Japan respectively,

receipt of which is hereby acknowledged, we, the said Akemi HIROTSUNE, Motoyasu TERAU, Makoto MIYAMOTO, Yasushi MIYAUCHI, Tetsuya NISHIDA, Keikichi ANDO, Nobuhiro TOKUSHUKU, Yukio FUKUI, Takehiko YOROZU, Reiji TAMURA, Yoshihiro IKARI,

do hereby sell and assign to said HITACHI, LTD., and Hitachi Maxell, Ltd.,

their successors and assigns, all our right, title and interest, in and for the United States of America, in and to

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invented by us and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., and Hitachi Maxell, Ltd.,

their Successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD., and Hitachi Maxell, Ltd.

Signed on the date(s) indicated aside our signatures:

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) <u>Akemi Hirotsune</u> (Akemi HIROTSUNE)	<u>10/15/1999</u>
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7) <u>Nobuhiro Tokushuku</u> (Nobuhiro TOKUSHUKU)	<u>10/25/1999</u>
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9) <u>Takehiko YoroZu</u> (Takehiko YOROZU)	<u>11/19/1999</u>
10) <u>Reiji Tamura</u> (Reiji TAMURA)	<u>10/19/1999</u>

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

11) Yoshihiro Ikari
(Yoshihiro IKARI)

10/19/1999

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