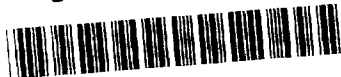


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Patent and Trademark Office

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

1. Name of conveying party(ies):

Masahiro NISHIZAWA
Norikazu UCHIYAMA
Maki TANIGUCHI
Toshio TOJO and Tomoji OISHI

01/08/02

Additional names(s) of conveying party(ies) Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: Dec. 5, 6 and 11, 2001

2. Name and address of receiving party(ies):

Name: Hitachi, Ltd. and Hitachi Device Eng. Co., Ltd.

Address: 6, Kanda Surugadai 4-chome

Chiyoda-ku and

3681, Hayano, Mobara-shi, Chiba-ken 297-8581

City: Tokyo State/Prov.:

Country: Japan ZIP:

Additional name(s) & address(es) Yes No

39720 U.S. PTO
10/04/370
01/08/02

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: Dec. 5,6,11, 2001

Patent Application No. Filing date B. Patent No.(s)

Additional numbers Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Christopher E. Chalsen, Esq.

Registration No. 30,936

Address: Milbank, Tweed, Hadley & McCloy LLP

1 Chase Manhattan Plaza

City: New York State/Prov.: NY

Country: USA ZIP: 10005-1413

6. Total number of applications and patents involved:

1

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

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

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8. Deposit account number:

13-3250

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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.

Christopher E. Chalsen

January 8, 2002

Name of Person Signing

Signature

2

Date

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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 the below named inventor(s), citizens of Japan by HITACHI, LTD., and HITACHI DEVICE ENGINEERING CO., LTD., corporations organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, and 3681, Hayano, Mobara-shi, Chiba-ken 297-8581, Japan, respectively, receipt of which is hereby acknowledged, we, the below named inventor(s), do hereby sell and assign to said HITACHI, LTD., and HITACHI DEVICE ENGINEERING CO., LTD., their successors and assigns, all our right, title and interest, in and for the United States of America, in and to

CATHODE RAY TUBE AND METHOD OF MANUFACTURING THEREOF

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 DEVICE ENGINEERING CO., 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 DEVICE ENGINEERING CO., LTD.

Signed on the date(s) indicated aside signatures:

	INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1)	<u>Masahiro Nishiyama</u>	<u>Dec. 6, 2001</u>
2)	<u>Noriharu Takigawa</u>	<u>Dec. 6, 2001</u>
3)	<u>Maki Taniguchi</u>	<u>Dec. 6, 2001</u>
4)	<u>Toshio Tojo</u>	<u>Dec. 5, 2001</u>
5)	<u>Tomiji Ono</u>	<u>Dec. 11, 2001</u>
6)	_____	_____
7)	_____	_____
8)	_____	_____
9)	_____	_____
10)	_____	_____