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To the Honorable Commissioner of Patents :

1. Name of conveying party(ies):
Kenichi WAANABE, Shinichi KATO, Hirotsugu SAKAMOTO,

Additional name(s) of conveying party(ies) attached? Yes No

Name and address of receiving party(ies):
Name: Hitachi, Ltd.
Street Address: 6, Kanda Surugadai 4-chome, Chiyoda-ku

City: Tokyo

Country: Japan

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: April 11, & 25, 2000

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: April 11 & 25, 2000
A. Patent Application No.(s)
09/579524

B. Patent No.(s)

Additional numbers attached? Yes No

06/15/2000 VTEHLER 00000029 09579524

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

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41)\$40.00
 Enclosed
 Any deficiencies may be charged to deposit account
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8. Deposit account number: 01-2135
(Attach duplicate copy of this page if paying by deposit account)

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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.

Melvin Kraus _____ *Melvin Kraus* _____ May 26, 2000 _____
Name of Person Signing Signature Date
Attorney Registration No. 22,466
Total number of pages including cover sheet, attachments, and document: 3

Name: HITACHI DEVICE ENGINEERING CO., LTD.

Address: 3681, HAYANO, MOBARA-SHI, CHIBA, JAPAN

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 Kenichi WATANABE, Shinichi KATO and Hirotsugu SAKAMOTO, 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, Japan, respectively,

receipt of which is hereby acknowledged, we, the said Kenichi WATANABE, Shinichi KATO and Hirotsugu SAKAMOTO,

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

COLOR CATHODE RAY TUBE HAVING A HIGH-RESOLUTION ELECTRON GUN

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>Kenichi Watanabe</u>	<u>Apr. 25, 2000</u>
2) <u>Shinichi Kato</u>	<u>Apr. 11, 2000</u>
3) <u>Hirotsugu Sakamoto</u>	<u>Apr. 11, 2000</u>
4) _____	_____
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____