

02-06-2006



Attorney Docket No. 501.45795X00

To the Director of the U.S. Patent and Trademark Office, 103172619

its or the new address(es) below.

1. Name of conveying party(ies):
Takeshi KAWASAKI
Tomonori NAKANO, Michio HATANO, Momoyo ENYAMA

2. Name and address of receiving party(ies)
Name: **Hitachi High-Technologies Corporation**

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

Street Address: 24-14, Nishishinbashi 1-chome
Minato-ku, Tokyo, Japan

3. Nature of conveyance/Execution Date(s):

Execution Date(s) December 16, 2005, December 19, 2005,
December 26, 2005, December 19, 2005

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

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

4. Application or patent numbers(s): ☐

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent Registration No.(s)

Additional number(s) attached ☐ Yes ☒ No

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

Name: **ANTONELLI, TERRY, STOUT & KRAUS, LLP**

Internal Address:

1300 NORTH 17TH STREET - SUITE 1800

City: **ARLINGTON** State: **VA** Zip **22209**

Phone Number: 703-312-6000

Fax Number: 703-312-6666

Email Address: email@antonelli.com

6. Total number of applications and patents involved **1**

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

- ☒ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 1065
Expiration Date 06/06

b. Deposit account number: **01-2135**

Authorized User Name **Alan E. Schiavelli**

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Paul J. Skwierawski, Reg#32,173

Name of Person Signing

Paul J. Skwierawski
Signature

01/30/2006

Date

Total number of pages including cover sheet, attachments, and document: **2**

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PATENT
REEL: 017521 FRAME: 0653

ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi High-Technologies Corporation, a corporation organized under the laws of Japan, located at 24-14, Nishishinbashi 1-chome, Minato-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi High-Technologies Corporation, its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

CHARGED PARTICLE BEAM DEVICE

invented by me (if only one is named below) or us (if plural inventors are named below) 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 High-Technologies Corporation, its 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 me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the 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 I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi High-Technologies Corporation,

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>Takeshi Kawasaki</u>	<u>12/16/2005</u>
2)	<u>Tomonori Nakano</u>	<u>12/19/2005</u>
3)	<u>Mickio Hatano</u>	<u>12/26/2005</u>
4)	<u>Momoyo Enyama</u>	<u>12/19/2005</u>
5)	<u> </u>	<u> </u>
6)	<u> </u>	<u> </u>
7)	<u> </u>	<u> </u>
8)	<u> </u>	<u> </u>
9)	<u> </u>	<u> </u>
10)	<u> </u>	<u> </u>