

11-09-2005



Attorney Docket No. 501.42851PX1

103116615

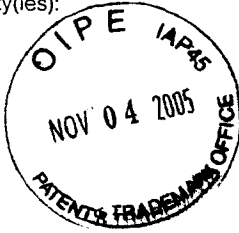
To the Director of the U.S. Patent and Trademark Office: Please use

documents or the new address(es) below.

Re 11-4-05

1. Name of conveying party(ies):

TANAKA, Maki
SHISHIDO, Chie
MOROKUMA, Hidetoshi
TAKAGI, Yuji



2. Name and address of receiving party(ies)

Name: HITACHI HIGH-TECHNOLOGIES CORPORATION

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

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

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

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

Execution Date(s) July 23, 26, 30, 2004; August 2, 2004

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

Other CORRECTED ASSIGNMENT - Resubmitting corrected Cover Sheet as requested. The 1st and 2nd inventor's names were incorrectly reversed on a previous Cover Sheet as seen in the enclosed papers.

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)

10/918,381

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)..... \$

- 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 _____
Expiration Date 06/06

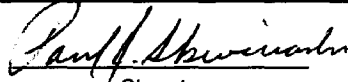
b. Deposit account number: 01-2135

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Paul J. Skwierawski, Reg. # 32,173

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Signature

Resubmitting 11/4/2005

Date

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PATENT
REEL: 017185 FRAME: 0583

Corrective

06-06-2005

MK-501.42851PX1

Form PTO-1595
(Rev. 10/02)
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office



Attorney Docket No. 501.42851PX1

To the Honorable Commissioner of Patents and Trademarks, Washington, D.C. 20514
103014854
Send original documents or copy thereof.

1. Name of conveying party(ies):
TANAKA, Maki
SHISHIDO, Chie
MOROKUMA, Hidetoshi
TAKAGI, Yuji
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name:
Internal
Address: **HITACHI HIGH-TECHNOLOGIES CORPORATION**
24-14, Nishishinbashi 1-chome, Minato-ku
Tokyo, Japan



3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other **CORRECTED ASSIGNMENT -- 1st AND 2nd INVENTORS' NAMES INCORRECTLY REVERSED DUE TO ERROR ON THE PART OF THE APPLICANT.**
on document recorded at Reel 015988
Execution Date: **July 23, 26, 30, 2004; August 2, 2004.** *Frame 0352*

Street Address:

City: State: Zip:

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

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:
A. Patent Application No.(s)
10/918,381, filed 8/16/2004

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**

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

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

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

01-2135

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05/31/2005 DENBOB1 00000134 10918381

01 FC:8021

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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, Reg#22,466

Name of Person Signing

Signature

05/27/2005

Date

Total number of pages including cover sheet, attachments, and document: **5**

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patent & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 017185 FRAME: 0584

Form PTO-1595
(Rev. 10/02)
OMB No. 0651-0027 (exp. 6/30/2005)



11-18-2004
102883704

MK-501.42851PX1
U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

Attorney Docket No. 501.42851PX1

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

1. Name of conveying party(ies):
MAKI Tanaka
CHIE Shishido
MOROKUMA, Hidetoshi
TAKAGI, Yuji

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

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

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

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: **July 23, 26, 30, & August 2, 2004.**

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:
A. Patent Application No.(s)
10/918,381, filed 8/16/2004

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**

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

7. Total fee (37 CFR 3.41)..... **\$40.00**
 Enclosed
 Authorized to be charged to deposit account

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.

Alan E. Schiavelli, Reg#32,087

Name of Person Signing Signature Date 11/12/2004

Total number of pages including cover sheet, attachments, and document: **2**
Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231

11/15/2004 JBALINAN 00000037 10918381

02 FC:8021

40.00 OP

PATENT
REEL: 017185 FRAME: 0585

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

APPARATUS FOR INSPECTING THREE DIMENSIONAL SHAPE OF A SPECIMEN AND METHOD OF WATCHING AN ETCHING PROCESS USING THE SAME

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) Maki Tanaka

July 23, 2004

2) Hidetoshi Morokuma

July 20, 2004

3) Chie Shishido

July 26, 2004

4) Yuji Takagi

Aug. 2, 2004

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____
