



10-12-2010



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Docket No.: 058799-0235

To the Director of the U. S. Patent and T

documents or the new address(es) below.

## 1. Name of Conveying Party(ies)

Takahiro NAKANO, Yoichi NONAKA, Hisaya ISHIBASHI,  
Satoshi NAGAHARAAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of Conveyance/Execution Date(s)

Execution Date(s): September 1, 2010

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

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

Name: HITACHI, LTD.

Internal Address:

Address: 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo,  
JAPAN

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

A. Patent Application No.

12/846,274 filed on July 29, 2010

☐ This document is being filed together with a new application.

B. Patent No(s).

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

Name: MCDERMOTT WILL &amp; EMERY LLP

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D.C.

Phone Number: 202 756.8000

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## 6. Total number of applications and patents involved: 1

## 7. Total fee (37 CFR 1.21(h) &amp; 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 \_\_\_\_\_  
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b. Deposit Account Number 500417  
Authorized User Name \_\_\_\_\_

## 9. Signature.

Keith E. George 34,111

October 6, 2010

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and documents:

2

PATENT

REEL: 025135 FRAME: 0768

# 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, Ltd., a corporation organized under the laws of Japan, located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

MANUFACTURING INSTRUCTION EQUIPMENT, PROGRAM, MANUFACTURING INSTRUCTION SYSTEM, AND MANUFACTURING INSTRUCTION METHOD

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, Ltd., 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, 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) Takahiro Nakano Takahiro NAKANO

Sep. 1, 2010

2) ~~Yoshiyuki Nakano~~ Yoichi Nonaka Yoichi NONAKA

Sep. 1, 2010

3) Hisaya Ishibashi Hisaya Ishibashi

Sep. 1, 2010

4) Satoshi Nagahara Satoshi NAGAHARA

Sep. 1, 2010

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PATENT

RECORDED: 10/06/2010

REEL: 025135 FRAME: 0769