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102976657

Attorney Docket No.: 056205.55398US

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Hitoshi ONIZAWA; Masanori SATO;
Kei NAKAMURA; Atsumi ICHIKAWA
Hiroshi SOEJIMA; Shinichi SAKAGAMI
Yutaka SANADA

Execution Date(s) August 9, 2004, September 8,
2004, September 22, 2004, September 27, 2004 and
September 30, 2004

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

3. Nature of conveyance:

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

2. Name and address of receiving party(ies)

Name: Hitachi, Ltd.

Internal Address: 6, Kanda Surugadai 4-chome
Chiyoda-ku, Tokyo
Japan

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

4. Application number(s) or patent number(s): ☐ This document is being filed together with a new application.

A. Patent Application No.(s)

10/507,520

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: Crowell & Moring LLP

Internal Address: _____

Street Address: PO Box 14300

Washington

City: _____

State: DC

Zip: 20044-4300

Phone Number: 202-624-2500

Fax Number: 202-628-8844

Email Address: _____

6. Total number of applications and patents
involved 1

7. Total fee (37 CFR 1.21(h) & 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)

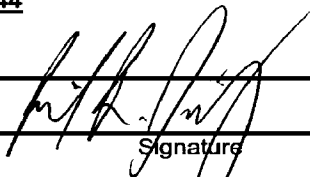
8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 05-1323

Authorized User Name Crowell & Moring LLP

9. Signature:



Signature

04/06/2005

Date

Richard R. Diefendorf, Reg. No. 32,390

Name of Person Signing

Total number of pages including cover
sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

04/08/2005 ECDOPER 00000055 10507520

01 FC:8021

(40.00 OP)

PATENT
REEL: 016433 FRAME: 0778

2. Additional names and addresses of receiving parties:

**Nissan Motor Co., Ltd.
2, Takara-cho, Kanagawa-ku
Yokohama-shi, Kanagawa
Japan**

**Hitachi Engineering Co., Ltd.
2-1, Saiwai-cho 3-chome
Hitachi-shi, Ibaraki
Japan**

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., Nissan Motor Co., Ltd. and Hitachi Engineering Co., Ltd., corporations organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, 2, Takara-cho, Kanagawa -ku, Yokohama-shi, Kanagawa, Japan, and 2-1, Saiwai-cho 3-chome, Hitachi-shi, Ibaraki, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd., Nissan Motor Co., Ltd. and Hitachi Engineering Co., Ltd., their successors and assigns, all my right, title and interest, in and for the United States of America, in and to

BUILDING SEQUENCE PLANNING SYSTEM FOR AUTOMOBILE PRODUCTION LINE

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., Nissan Motor Co., Ltd. and Hitachi 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 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., Nissan Motor Co., Ltd. and Hitachi Engineering Co., 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) <u>Hitoshi Onizawa</u> Hitoshi ONIZAWA	<u>8/9/2004</u>
2) <u>Masanori Sato</u> Masanori SATO	<u>9/8/2004</u>
3) <u>Kei Nakamura</u> Kei NAKAMURA	<u>9/8/2004</u>
4) <u>A. Ichikawa</u> Atsumi ICHIKAWA	<u>9/8/2004</u>
5) <u>Hiroshi Soejima</u> Hiroshi SOEJIMA	<u>9/22/2004</u>
6) <u>Shinichi Sakagami</u> Shinichi SAKAGAMI	<u>9/27/2004</u>
7) <u>Yutaka Sanada</u> Yutaka SANADA	<u>9/30/2004</u>
8) _____	_____
9) _____	_____
10) _____	_____