

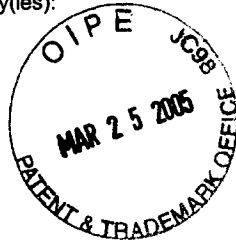
03-30-2005
102969160

To the Honorable Commissioner of Patent

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

ONO, MANABU
NAGAYOSHI, TERUYUKI
INOUE, MITSUHIRO
MOROZUMI, HIROKI
MIBE, TAKAHIRO
TAKAI, YUKIO



2. Name and address of receiving party(ies)

Name: **HITACHI CHEMICAL CO., LTD.**

Internal

Address: **HITACHI CHEMICAL CO., LTD.**

**1-1, Nishi-shinjuku 2-chome,
Shinjuku-ku, Tokyo 163-0449, Japan**

NISSAN MOTOR CO., LTD.

**2, Takara-cho, Kanagawa-ku,
Yokohama-shi, Kanagawa 221-0023,
Japan**

Street Address:

City: State: Zip:

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

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

3. Nature of conveyance:

- Assignment
- Security Agreement
- Merger
- Change of Name

Other **CORRECTED ASSIGNMENT-- 2nd INVENTOR'S NAME WAS MISPELLED ON THE COVER SHEET.**

Execution Date: **June 8, 24, 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)

10/849,845, filed 5/21/2004

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

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

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

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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.

WILLIAM I. SOLOMON, Reg#28,565

Name of Person Signing

Signature

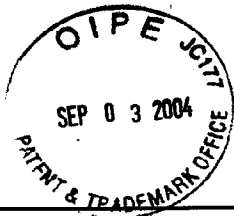
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Date

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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

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

1. Name of conveying party(ies):
ONO, Manabu
NAGAYOSH, Teruyuki
INOUE, Mitsuhiro
MOROZUMI, Hiroki
MIBE, Takahiro
TAKAI, Yukio

2. Name and address of receiving party(ies)
Name: (1) **HITACHI CHEMICAL CO., LTD.**

Street Address: (1) 1-1, Nishi-shinjuku 2-chome,
Shinjuku-ku, Tokyo 163-0449, Japan

Name: (2) **NISSAN MOTOR CO., LTD.**

Street Address: (2) 2, Takara-cho, Kanagawa-ku,
Yokohama-shi, Kanagawa 221-0023,
Japan

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

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

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

Execution Date: June 8, 24, 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)

10/849,845 Filed May 21, 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 Seventeenth Street
Suite 1800
Arlington, VA 22209
USA

City: _____ State: _____ Zip: _____

6. Total number of applications and patents involved

7. Total fee (37 CFR 3.41)..... \$ **40.00**
 Enclosed
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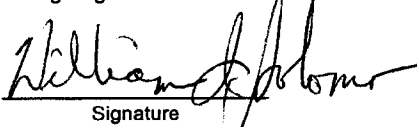
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9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

William I. Solomon, Reg#28,565  09/03/2004
Name of Person Signing Signature Date

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

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

09/07/2004 HGUTENA1 00000029 10849845

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ASSIGNMENT

ATTY. DOCKET NO.:

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented an certain improvement relating to

FRICTION MATERIAL COMPOSITION AND FRICTION MATERIAL USING THE SAME

for which an application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.

for which U.S. Application Serial No. 10/849,845 for Letters Patent was filed in the U.S. Patent and Trademark Office on May 21, 2004

for which an International Application was filed on _____ as _____, designating the United States.

AND WHEREAS

- 1) HITACHI CHEMICAL CO., LTD. and 2) NISSAN MOTOR CO., LTD. of
 1) 1-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0449 Japan and
 2) 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0023 Japan

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.

NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Antonelli, Terry, Stout, Kraus, LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR.

	FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
1	Manabu ONO	<i>Manabu Ono</i>	June 24, 2004
2	Teruyuki NAGAYOSHI	<i>Teruyuki Nagayoshi</i>	June 24, 2004
3	Mitsuhiro INOUE	<i>Mitsuhiro Inoue</i>	June 24, 2004
4	Hiroki MOROZUMI	<i>Hiroki Morozumi</i>	June 8, 2004
5	Takahiro MIBE	<i>Takahiro Mibe</i>	June 8, 2004
6	Yukio TAKAI	<i>Yukio Takai</i>	June 8, 2004
7	FULL NAME OF SEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE

PATENT

RECORDED: 03/25/2005

REEL: 016401 FRAME: 0289