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To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Kentaro FUJINO
Shinji TAI
Kaoru IKEDA
Tomoyuki WATANABE
Kouta ISOYAMA

3-4-04

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

1) BRIDGESTONE CORPORATION

Name: 2) KURARAY CO., LTD

Address: 1) 10-1, Kyobashi 1-chome, Chuo-ku,
Tokyo 104-8340, Japan

2) 1621, Sakazu, Kurashiki-shi,
Okayama 710-8622, Japan

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

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

Execution Date: October 9, 7, 2, 2, and 2, 2003

Additional name(s) and 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)

10/692,950

B. Patent No.(s)

Additional numbers attached? Yes No

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

Customer Number

22850

Tel. (703) 413-3000
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6. Total applications and patents involved: 1

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

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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.

Norman F. Oblon

Name of Person Signing

Corwin Paul Umbach

Signature

March 4, 2004

Date

Registration Number: 24,618

Corwin P. Umbach, Ph.D.

Registration No. 40,211

Total number of pages including this cover sheet: 3

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PATENT
REEL: 015039 FRAME: 0422

Assignment of Application

WHEREAS, I(WE) _____

INSERT NAMES AND RESIDENCE ADDRESS OF THE INVENTORS

Kentaro Fujino, residing at c/o Bridgestone Corporation, Technical Center, 3-1-1, Ogawahigashi-cho,

Kodaira-shi, Tokyo 187-0031 Japan;

Shinji Tai, residing at c/o Kuraray Co., Ltd., 3-1-6, Nihonbashi, Chuo-ku, Tokyo 103-8254 Japan;

Kaoru Ikeda, residing at c/o Kuraray Co., Ltd., 1621, Sakazu, Kurashiki-shi, Okayama 710-8622 Japan;

Tomoyuki Watanabe, residing at c/o Kuraray Co., Ltd., 1621, Sakazu, Kurashiki-shi, Okayama

710-8622 Japan; and

Kouta Isoyama, residing at c/o Kuraray Co., Ltd., 1621, Sakazu, Kurashiki-shi, Okayama 710-8622 Japan

INSERT TITLE OF INVENTION

_____, respectively,

have invented certain new and useful improvements in: _____

INSERT DATE INVENTORS SIGNED DECLARATION

INNERLINER FOR PNEUMATIC TIRES AND PNEUMATIC TIRE

for which an application for Letters Patent was executed on October 9, 7, 2, 2, and 2, 2003

(Application No. 10/692,950, filed October 27, 2003), and

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE

WHEREAS, BRIDGESTONE CORPORATION and KURARAY CO., LTD.

(hereinafter referred to as "ASSGNEES") having a place of business at: 10-1, Kyobashi 1-chome, Chuo-ku,

Tokyo 104-8340 Japan; and 1621, Sakazu, Kurashiki-shi, Okayama 710-8622 Japan

is/are desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

10/01

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEES or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, 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.

Date: Oct. 9. 2003

Kentaro Fujino
(Signature of Inventor) *Kentaro Fujino*

Date: Oct. 7. 2003

Shinji Tai
(Signature of Inventor) *Shinji Tai*

Date: Oct. 2. 2003

Kaoru Ikeda
(Signature of Inventor) *Kaoru Ikeda*

Date: Oct. 2. 2003

Tomoyuki Watanabe
(Signature of Inventor) *Tomoyuki Watanabe*

Date: Oct. 2, 2003

Kouta Isoyama
(Signature of Inventor) *Kouta Isoyama*

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

10/01