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11-27-2002

FORM PTO-1595
1-31-92



102294850



U.S. DEPARTMENT OF COMMERCE
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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Toshiaki ARAI, Koji TAKAGI, Kazuya MURATA,
Takao OHUCHI and Norio HIHEI

11-21-02

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

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

Name: Bridgestone Corporation

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

3. Nature of Conveyance:

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

Execution Date: June 7, 2001

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)

09/916,589

B. Patent No.(s)

Additional numbers attached? Yes No

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



22850

6. Total 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: 15-0030

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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.

Norman F. Oblon

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Registration Number: 24,618

Surinder Sachar

Signature

Surinder Sachar
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Nov. 21 2002

Date

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11/26/2002 TB1AZ1 00000074 09916589

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PATENT
REEL: 13517 FRAME: 0756

Assignment Of Application

WHEREAS, I (WE) (1) Toshiaki ARAI, (2) Koji TAKAGI,

(3) Kazuya MURATA, (4) Takao OHUCHI and (5) Norio NIHEI

resing at

(1) 3-5-5-843, Ogawahigashi-cho, Kodaira-shi, Tokyo, Japan

(2) 3-21-33-304, Miyauchi, Nakahara-ku, Kawasaki-shi, Kanagawa, Japan

(3) 3-5-5-340, Ogawahigashi-cho, Kodaira-shi, Tokyo, Japan

(4) 3-22-8, Midorigaoka, Hamura-shi, Tokyo, Japan

(5) 3-5-5, Ogawahigashi-cho, Kodaira-shi, Tokyo, Japan

_____, respectively,

have invented certain new and useful improvements in: _____

TONER CARRIER AND IMAGE FORMATION APPARATUS USING SAME,

for which an application for Letters Patent was executed on June 7, 2001

(Application No. 09/916,589, filed July 30, 2001), and

WHEREAS, Bridgestone Corporation

(hereinafter referred to as "ASSIGNEE") having a place of business at: _____

10-1, Kyobashi 1-chome, Chuo-ku, Tokyo, Japan,

is 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 ASSIGNEE, 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.

INSERT NAMES
AND RESIDENCE
ADDRESSES OF
THE INVENTORS:

INSERT TITLE
OF INVENTION:

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE:

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 ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, 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.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE 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 ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, 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 Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 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: June 7, 2001 *Toshiaki Arai*
 (Signature of Inventor) Toshiaki ARAI

Date: June 7, 2001 *Koji Takagi*
 (Signature of Inventor) Koji TAKAGI

Date: June 7, 2001 *Kazuya Murata*
 (Signature of Inventor) Kazuya MURATA

Date: June 7, 2001 *Takao Ohuchi*
 (Signature of Inventor) Takao OHUCHI

Date: June 7, 2001 *Norio Nihei*
 (Signature of Inventor) Norio NIHEI

Date: _____
 (Signature of Inventor)

Date: _____
 (Signature of Inventor)

Date: _____
 (Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
 ATTORNEYS AT LAW
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 1755 JEFFERSON DAVIS HIGHWAY
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