

01-07-2003

FORM PTO-1595

U.S. DEPARTMENT OF COMMERCE

(Rev. 6-93)

REC



HEET

Patent and Trademark Office

OMB No. 0651-0011 (exp. 4/94)

102329611

Tab settings

12/24/02

To the Commissioner for Patents:  
Please record the attached original documents or copy thereof.

PTO  
10/32891



1. Name of conveying party(ies):

Takayoshi OTANI, Osamu TAKADA, Toshio ISHIKAWA,  
Mitsuo IKEDA, Yoichi SAKAURA, Naoki MORITA,  
Kyoji INUKAI, Youichi MURAKAMI, Yasuyuki WAKAHARA  
and Masami NIIMI

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

2. Name and address of receiving party(ies)

Name: TRIS Inc. and DENSO CORPORATION,  
respectively

Street Address: 1105-2 Kushida-cho, Matsusaka Mie  
515-0204 Japan; and 1-1 Showa-cho, Kariya-City  
Aichi 448-8661 Japan; respectively

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

3. Nature of conveyance:

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

Execution Date: December 6, 2002; December 6, 2002;  
December 6, 2002; December 6, 2002; December 6, 2002;  
December 6, 2002; December 10, 2002; December 11,  
2002; December 11, 2002; December 11, 2002;  
respectively

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: December 6, 2002; December 6, 2002; December 6, 2002;  
December 6, 2002; December 6, 2002; December 6, 2002;  
December 10, 2002; December 11, 2002; December 11, 2002;  
December 11, 2002; respectively

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: James G. Porcelli  
Internal Address: Webb Ziesenheim Logsdon  
Orkin & Hanson, P.C.  
Street Address: 700 Koppers Building  
436 Seventh Avenue  
City: Pittsburgh State: PA ZIP: 15219-1818

6. Total number of 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:

(Attach triplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

James G. Porcelli  
Name of Person Signing  
Reg. No. 33,757

James Porcelli  
Signature

December 24, 2002  
Date

Total number of pages including cover sheet, attachments and document 3

Mail documents to be recorded with required cover sheet information to:  
Assistant Commissioner for Patents, Box Assignments  
Washington, D.C. 20231

01/06/2003 DBYRNE 00000110 1032891

01 FC:8021

40.00 OP

PATENT  
REEL: 13622 FRAME: 0976

## ASSIGNMENT

WHEREAS, WE, TAKAYOSHI OTANI, OSAMU TAKADA, TOSHIO ISHIKAWA, MITSUO IKEDA, YOICHI SAKAURA, NAOKI MORITA, KYOJI INUKAI, YOUICHI MURAKAMI, YASUYUKI WAKAHARA, and MASAMI NIIMI, residing in 999 SETA-CHO ISE MIE 516-0035 JAPAN, 69-3 NIJIGAOKA-CHO MATSUSAKA MIE 515-0042 JAPAN, 111-5 OKINO NODA-CHO KARIYA AICHI 448-0803 JAPAN, 671-4 KUSHIDA-CHO MATSUSAKA MIE 515-0204 JAPAN, 1855-1397 KUBO-CHO MATSUSAKA MIE 515-0044 JAPAN, 566 OOTSU-CHO MATSUSAKA MIE 515-0031 JAPAN, 18-2 HONMACHIHONRYU TOYOTA-CITY AICHI 473-0911 JAPAN, 3-96 TAKAI SHIPPO-CHO AMA-GUN AICHI 497-0014 JAPAN, 34-11 OOGUTE HAZYODO-CHO KARIYA-CITY AICHI 448-0804 JAPAN and 3-17 TOYO-CHO HANDA-CITY AICHI 475-0817 JAPAN respectively, have invented certain new and useful improvements in METAL-GRAPHITE BRUSH for which we have today executed an application for United States Letters Patent;

AND, WHEREAS TRIS Inc. and DENSO CORPORATION, corporations of JAPAN, having places of business at 1105-2 KUSHIDA-CHO MATSUSAKA MIE 515-0204 JAPAN and 1-1 SHOWA-CHO KARIYA-CITY AICHI 448-8661 JAPAN, hereinafter called collectively the "assignees", are desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to us by said assignees, the receipt of which is hereby acknowledged, we do hereby assign, sell, transfer, and set over unto said assignees the entire right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and any Letters Patent which may issue therefor in the United States and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, said assignees to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.

The Commissioner for Patents is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owners of the said application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that we have the full right to make this assignment.

And for the consideration aforesaid, we agree jointly and individually that we will communicate to said assignees or the representatives thereof any facts known to us respecting said

inventions and improvements, and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignees or by counsel for said assignees, to assist or enable said assignees to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignees.

Date 06/12/2002 Takayoshi Otani  
TAKAYOSHI OTANI

Inventor:

Date 06/12/2002 Osamu Takada  
OSAMU TAKADA

Inventor:

Date 06/12/2002 TOSHIO ISHIKAWA

Inventor: Toshio Ishikawa

Date 06/12/2002 MITSUO IKEDA

Inventor: Mitsuo Ikeda

Date 06/12/2002 YOICHI SAKAURA

Inventor: yoichi Sakaura

Date 06/12/2002 NAOKI MORITA

Inventor: Naoki Morita

Date December 10, 2002 KYOJI INUKAI

Inventor: Kyoji Inukai

Date December 11, 2002 YOUICHI MURAKAMI

Inventor: youichi Murakami

Date December 11, 2002 YASUYUKI WAKAHARA

Inventor: Yasuyuki Wakahara

Date December 11, 2002 MASAMI NIIMI

Inventor: Masami Niimi