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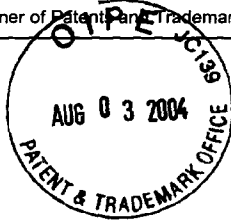
U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office  
Attorney Docket No. 26D-013

8/3/04

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

1. Name of conveying party(ies):

(1) Natsushi MIURA  
(2) Zenichi YASUDA



2. Name and address of receiving party(ies)

Name: TOYODA GOSEI CO., LTD.  
Street Address: 1, Aza Nagahata, Oaza Ochiai  
Haruhi-cho, Nishikasugai-gun  
Aichi-ken, 452-8564 JAPAN

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

3. Nature of conveyance:

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

Execution Date(s): (1)-(2): May 20, 2004

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):

Month Day Year

If this document is being filed together with a new application, the execution date(s) of the application is/are:

A. Patent Application No.(s)  
10/852,696

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: David G. Posz  
Internal Address: \_\_\_\_\_  
Street Address: Posz & Bethards, PLC  
11250 Roger Bacon Drive, Suite 10  
City: Reston State: VA Zip: 20190

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41). . . . . \$ 40

Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number:  
50-1147

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

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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.

David G. Posz (Reg. No. 37,701)  
Name of Person Signing

[Signature]  
Signature

August 3, 2004  
Date

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

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments Alexandria, VA 22313-1450

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PATENT  
REEL: 015648 FRAME: 0110

**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby expressly acknowledged, the undersigned hereby agree(s) to assign, and hereby sell(s), assign(s) and transfer(s) to

**TOYODA GOSEI CO., LTD.,**

1, Aza Nagahata, Oaza Ochiai, Haruhi-cho, Nishikasugai-gun, Aichi-ken, 452-8564, JAPAN

as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, in the United States of America and all foreign countries, to certain inventions known as

**METHOD OF MANUFACTURING BRANCHING PIPE**

described in an application for Letters Patent of the United States executed

- (A) \_\_\_\_\_ on even date herewith
- (B) \_\_\_\_\_ on \_\_\_\_\_
- (C) \_\_\_\_\_ as U.S. Application Serial No. \_\_\_\_\_ filed on \_\_\_\_\_

as well as any and all continuations, divisions, and substitutes and reissues of said application for Letters Patent, and all Letters Patent that may be granted therefor. The undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

The undersigned agree(s), when requested, to sign all papers, take all rightful oaths, and perform all acts which may be necessary for securing and maintaining patents for said inventions and for vesting title thereto in said Assignee.

The undersigned authorize(s) and empower(s) said Assignee to invoke and claim the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, or by any convention which may be henceforth substituted therefor, as may be necessary in connection with said application for said Letters Patent.

The undersigned also authorize(s) Posz & Bethards, PLC to insert hereon any further identification that may be necessary or desirable for recordation of this document.

Natsushi Miura  
Inventor 1: Natsushi Miura

5/20/2004  
Date

[Signature]  
Witness

Zenichi Yasuda  
Inventor 2: Zenichi Yasuda

5/20/2004  
Date

[Signature]  
Witness

\_\_\_\_\_  
Inventor 3:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Inventor 4:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Inventor 5:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness

Continued on page 2 for additional inventors