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04-23-1998



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04/06/98

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

1. Name of conveying party(ies):  
**Kenji KITANI, Shintaro SUZUKI  
and Kosuke SAKAI**  
Additional name(s) of conveying party(ies) attached?  Yes  No

4.6-98

2. Name and address of receiving party(ies)  
Name: **WATERWORKS TECHNOLOGY DEVELOPMENT  
ORGANIZATION CO., LTD.**  
Internal Address: \_\_\_\_\_  
Street Address: **1-3-2700, Umeda 1-chome,  
Kita-ku, Osaka, Japan**  
City: \_\_\_\_\_  
State: \_\_\_\_\_ Country: \_\_\_\_\_ ZIP: \_\_\_\_\_  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: **December 1, 1997**

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 1, 1997**

A. Patent Application No. (s)  
Additional numbers attached?  Yes  No

B. Patent No. (s)

5. Name and address of party to whom correspondence  
concerning document should be mailed:  
Name: **Russell D. Orkin**  
Internal Address: **Webb Ziesenheim Bruening  
Loqsdon, 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)

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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.*  
**Russell D. Orkin** \_\_\_\_\_ **April 6, 1998**  
Name of Person Signing \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_  
Reg. No. 25,363

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

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

PATENT  
REEL: 9144 FRAME: 0421

ASSIGNMENT OF PATENT APPLICATION

Docket No.

WHEREAS, Kenji KITANI of 19-18, Hyotanyamacho, Higashiosaka-shi, Osaka, Japan, Shintaro SUZUKI of 1212, Suzukakedai, 1-32-1, Sanda-shi, Hyogo-ken, Japan, and Kosuke SAKAI of 1302, Suzukakedai, 1-32-1, Sanda-shi, Hyogo-ken, Japan

hereinafter referred to as "Assignors", are the inventors of the invention described and set forth in the below identified application for United States Letters Patent:

Title of the Invention: CONNECTING CONSTRUCTION OF BRANCH PIPE AND CONNECTING METHOD THEREOF

Date(s) of execution: December 1, 1997

Filing date: Serial No.: ;and

WHEREAS, WATERWORKS TECHNOLOGY DEVELOPMENT ORGANIZATION CO., LTD., located at 1-3-2700, Umeda 1-chome, Kita-ku, Osaka, Japan, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNORS' interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignees, and Assignees' successors and assigns, all their right title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Date: December 1, 1997 Kenji Kitani KENJI KITANI
Date: December 1, 1997 Shintaro Suzuki SHINTARO SUZUKI
Date: December 1, 1997 Kosuke Sakai KOSUKE SAKAI
Date:

Assignfa.mas 11/93