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U.S. Department of Commerce
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Jrney Docket No.: KIT 297-JEL/JRC

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

1. Name of conveying party(ies):

Kikuo Saito
Yasushi Shimonaka
Hideki Yoneyama
Akihito Totsugi

Additional names of conveying parties attached?
 Yes No

3. Nature of conveyance:

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

Execution Date: September 4, 1998

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

Name: Waterworks Technology Development
Organization Co., Ltd.
Street Address: 1-3-2700, Umeda 1-chome
Kita-ku, Osaka
JAPAN

Name: _____

Street Address: _____

Additional name(s) & 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)
09/137,671

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: James R. Crawford, Esq.

Address: FULBRIGHT & JAWORSKI L.L.P.

805 Third Avenue

New York, New York 10022-7513

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR §3.41) \$40.00

Payment Enclosed

8. Authorization to charge Deposit Account 500624
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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.

James R. Crawford
Name of Person Signing

James R. Crawford
Signature

October 13, 1998
Date

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

Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231

11/02/1998 DMSUYEH 00000103 09137671

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40.00 DP

ASSIGNMENT OF PATENT APPLICATION

Docket No.

WHEREAS, Kikuo SAITO of Kuroda 156-16, Nishikicho, Taki-gun, _____,
Hyogo-ken, Japan; Yasushi SHIMONAKA of 53-28, Hiyoshidai Rokubancho,
Takatsuki-shi, Osaka, Japan; Hideki YONEYAMA of 1313, 1-32-1, _____,
Suzukakedai, Sanda-shi, Hyogo-ken, Japan; Akihito TOTSUGI of 1309, _____,
1-32-1, Suzukakedai, 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: PIPE CONNECTING APPARATUS

Date(s) of execution: September 4, 1998

Filing date: August 21, 1998 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: <u>September 4, 1998</u>	<u>Kikuo Saito</u> KIKUO SAITO
Date: <u>September 4, 1998</u>	<u>Yasushi Shimonaka</u> YASUSHI SHIMONAKA
Date: <u>September 4, 1998</u>	<u>Hideki Yoneyama</u> HIDEKI YONEYAMA
Date: <u>September 4, 1998</u>	<u>Akihito Totsugi</u> AKIHITO TOTSUGI

Assignfa.mas 11/93