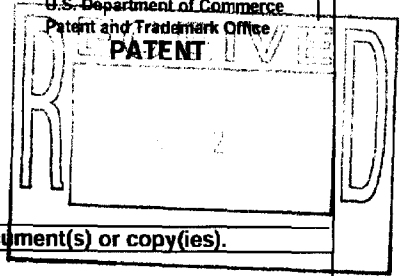


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Name (line 1) GLEDITSCH, David B.

Execution Date  
Month Day Year  
05-10-99

Name (line 2)

Second Party

Name (line 1) SCHRIJNEMAKERS, Guillaume J.

Execution Date  
Month Day Year  
05-21-99

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) American Standard Inc.

Name (line 2) A Delaware Corporation

Address (line 1) One Centennial Avenue

Address (line 2)

Address (line 3) Piscataway

New Jersey / USA

08855

City

State/Country

Zip Code

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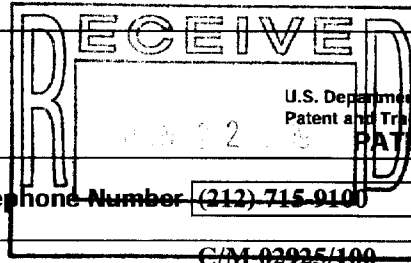
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**Correspondent Name and Address**

Area Code and Telephone Number **(212) 715-9100**

Name **Philip A. Gilman, Esq.**

**C/M 02925/100**

Address (line 1) **Kramer Levin Naftalis & Frankel LLP**

Address (line 2) **919 Third Avenue**

Address (line 3) **New York, New York 10022**

Address (line 4)

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Enter the total number of pages of the attached conveyance document including any attachments.

# **7**

**Application Number(s) or Patent Number(s)**

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**Patent Application Number(s)**

**09285289**

**Patent Number(s)**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number  
only if a U.S. Application Number  
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**1**

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Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**

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Execution Date  
Month Day Year

Name (line 1) JAMES, Sharon A.

05-10-99

Name (line 2)

Execution Date  
Month Day Year

Name (line 1) KULBACK, Barry L.

04-30-99

Name (line 2)

Execution Date  
Month Day Year

Name (line 1) BONALUMI, Roberto E.

05-04-99

Name (line 2)

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Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

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Patent Application Number(s)

Patent Number(s)



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Conveying Party(ies)

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Enter additional Conveying Parties

Execution Date  
Month Day Year

Name (line 1) COLON, Victor A.

05-10-99

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

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Address (line 1)

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Name (line 2)

Address (line 1)

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Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)



## ASSIGNMENT

WHEREAS WE, David B. GLEDITSCH, a citizen of the United States, having an address of 4112 Lakefront Drive, Loveland, CO 80537; and Guillaume J. SCHRIJNEMAKERS, a citizen of the Netherlands, having an address of De Bloeman 47, 7943 LW Meppel, The Netherlands; and Sharon A. JAMES, a citizen of the United States, having an address of 104 Jacob Court, Hamilton Square, NJ 08690; and Barry L. KULBACK, a citizen of the United States, having an address of 123 West Glenwood Drive, Clarksville, TN 37040; and Roberto E. BONALUMI, a citizen of Italy, having an address of Viale Monte Nero 80, 20135 Milano, Italy; and Victor A. COLON, a citizen of the United States, having an address of 18 Paul Avenue, Kendall Park, NJ 08824 (hereinafter referred to as the "ASSIGNORS"), have invented certain new and useful improvements in **METHOD AND SYSTEM FOR PROVIDING SUFFICIENT AVAILABILITY OF MANUFACTURING RESOURCES TO MEET UNANTICIPATED DEMAND**, for which we have executed an application for Letters Patent of the United States, filed on April 2, 1999, as Serial Number 09/285,289 and

WHEREAS, American Standard Inc., a corporation formed and existing under the laws of the State of Delaware, having an office and principal place of business at One Centennial Plaza, Piscataway, NJ 08855 (hereinafter referred to as the "ASSIGNEE"), is desirous of obtaining the entire right, title and interest in, to and under the improvements and the application;

NOW, THEREFORE, in consideration of the sum of Five Dollars (\$5.00) and other good and valuable consideration paid by ASSIGNEE to ASSIGNORS, the receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the improvements, and the application and all divisions, renewals, substitutes and continuations thereof, and all Letters Patent of the United States that may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent and any legal equivalent thereof, including the right to claim priority, that have been or may hereafter be filed for the improvements in any country or countries foreign to the United States, and all Letters Patent and any legal equivalent thereof that may be granted for the improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, the same to be held and enjoyed by ASSIGNEE for its own use and benefit and for the use and benefit of its successors, assigns or other legal representatives fully and entirely as if the same would have been held and enjoyed by ASSIGNORS if this Assignment had not been made, to the end of the term or terms for which any Letters Patent and any legal equivalent thereof may be granted;

AND ASSIGNORS HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to record this Assignment, and to issue all Letters Patent for the improvements to



)  
) ss.:  
)

On this 27 day of Oct (month), 97 (year), before me appeared Guillaume J. SCHRIJNEMAKERS, to me personally known, who being by me duly sworn did say that he or she is an ASSIGNOR named in the foregoing instrument of Assignment and he or she signed this instrument of Assignment in my presence.

Wieschnick  
WIESCHNICK (name)  
Notary Public

Sharon A. JAMES

)  
) ss.:  
)

On this \_\_\_\_\_ day of \_\_\_\_\_ (month), \_\_\_\_\_ (year), before me appeared Sharon A. JAMES, to me personally known, who being by me duly sworn did say that he or she is an ASSIGNOR named in the foregoing instrument of Assignment and he or she signed this instrument of Assignment in my presence.

\_\_\_\_\_  
\_\_\_\_\_  
Notary Public (name)

)  
) ss.:  
)

On this \_\_\_\_\_ day of \_\_\_\_\_ (month), \_\_\_\_\_ (year), before me appeared Guillaume J. SCHRIJNEMAKERS, to me personally known, who being by me duly sworn did say that he or she is an ASSIGNOR named in the foregoing instrument of Assignment and he or she signed this instrument of Assignment in my presence.

\_\_\_\_\_  
\_\_\_\_\_  
(name)  
Notary Public

Sharon A. JAMES

\_\_\_\_\_  
\_\_\_\_\_

STATE OF NEW JERSEY )  
COUNTY OF MIDDLESEX ) ss.:  
)

On this 10<sup>th</sup> day of MAY (month), 1998 (year), before me appeared Sharon A. JAMES, to me personally known, who being by me duly sworn did say that he or she is an ASSIGNOR named in the foregoing instrument of Assignment and he or she signed this instrument of Assignment in my presence.

\_\_\_\_\_  
\_\_\_\_\_  
(name)  
Notary Public

PAMELA M. TICE  
Notary Public State of New Jersey  
My Commission Expires July 28, 2003



Barry L. KULBACK

Barry L. Kulback

STATE OF TENNESSEE )  
 ) ss.:  
COUNTY OF MONROE )

On this 30th day of April (month), 1999 (year), before me appeared Barry L. KULBACK, to me personally known, who being by me duly sworn did say that he or she is an ASSIGNOR named in the foregoing instrument of Assignment and he or she signed this instrument of Assignment in my presence.

Veda K. Holt  
VEDA K. HOLT (name)  
Notary Public

Roberto E. BONALUMI

\_\_\_\_\_

)  
) ss.:  
)

On this \_\_\_\_\_ day of \_\_\_\_\_ (month), \_\_\_\_\_ (year), before me appeared Roberto E. BONALUMI, to me personally known, who being by me duly sworn did say that he or she is an ASSIGNOR named in the foregoing instrument of Assignment and he or she signed this instrument of Assignment in my presence.

\_\_\_\_\_  
\_\_\_\_\_  
Notary Public (name)

Barry L. KULBACK

)  
) ss.:  
)

On this \_\_\_\_\_ day of \_\_\_\_\_ (month), \_\_\_\_\_ (year), before me appeared Barry L. KULBACK, to me personally known, who being by me duly sworn did say that he or she is an ASSIGNOR named in the foregoing instrument of Assignment and he or she signed this instrument of Assignment in my presence.

\_\_\_\_\_  
\_\_\_\_\_  
Notary Public (name)

Roberto E. BONALUMI

Roberto E. Bonalumi

)  
) ss.:  
)

On this \_\_\_\_\_ day of \_\_\_\_\_ (month), \_\_\_\_\_ (year), before me appeared Roberto E. BONALUMI, to me personally known, who being by me duly sworn did say that he or she is an ASSIGNOR named in the foregoing instrument of Assignment and he or she signed this instrument of Assignment in my presence.

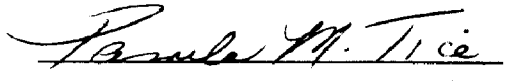
Roberto E. Bonalumi  
\_\_\_\_\_  
Notary Public (name)

Victor A. COLON



STATE OF NEW JERSEY )  
COUNTY OF MIDDLESEX ) ss.:

On this 10<sup>th</sup> day of May (month), 1999 (year), before me appeared Victor A. COLON, to me personally known, who being by me duly sworn did say that he or she is an ASSIGNOR named in the foregoing instrument of Assignment and he or she signed this instrument of Assignment in my presence.

  
\_\_\_\_\_  
(name)  
Notary Public

PAMELA M. TICE  
Notary Public State of New Jersey  
My Commission Expires July 28, 2003