FORM PTO-1619A 06-25-1999 partment of Commerce Expires 06/30/99 ent and Frademark Office OMB 0651-0027 PATENT 101077801 RECORDATION FORM COVER SHEET PATENTS ONLY TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) Submission Type Conveyance Type X New **Assignment** Security Agreement Resubmission (Non-Recordation) License **Change of Name** Document ID# Correction of PTO Error Other Merger Frame # Reel # U.S. Government Corrective Document (For Use ONLY by U.S. Government Agencies) Frame # Reel # Departmental File Secret File Conveying Party(ies) Mark if additional names of conveying parties attached **Execution Date** Month Day Name (line 1) GLEDITSCH, David B. 05-10-99 Name (line 2) Execution Date Month Day Year Second Party SCHRIJNEMAKERS, Guillaume J. 05-21-99 Name (line 1) 34580/10 Name (line 2) Receiving Party Mark if additional names of receiving parties attached Name (line 1) American Standard Inc. If document to be recorded is an assignment and the receiving party is not Name (line 2) A Delaware Corporation domiciled in the United States, an appointment of a domestic Address (line 1) One Centennial Avenue representative is attached. (Designation must be a separate document from Address (line 2) Assignment) New Jersey / USA 08855 Address (line 3) Piscataway State/Country **Domestic Representative Name and Address** Enter for the first Receiving Party only. Name Address (line 1) Address (line 2) Address (line 3) Address (line 4)

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PATENT

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REEL: 010044 FRAME: 0625

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027 Page 2 U.S. Department of Commerce Patent and Triplemark Office PATENT		
Correspondent Name and Address Area Code and Telephone Number (212) 715-910		
Name Philip A. Gilman, Esq.		
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)		
Pages Enter the total number of pages of the attached conveyance document including any attachments.		
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)		
If this document is being filed together with a new Patent Application, enter the date the patent application was Month Day Year		
signed by the first named executing inventor.		
Patent Cooperation Treaty (PCT)		
Enter PCT application number		
only if a U.S. Application Number PCT PCT PCT		
has not been assigned.		
Number of Properties Enter the total number of properties involved. # 1		
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00		
Method of Payment: Enclosed x Deposit Account Deposit Account		
(Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: # 50-0540		
Authorization to charge additional fees: Yes X No		
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. Charges to deposit account are authorized, as indicated herein.		
Philip A. Gilman - Reg. No. 38,60		
Name of Person Signing Signature Date		

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U.S. Department of Commerce Patent and Trademark Office PATENT

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	AMES, Sharon A.				05-10-99
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Name (line 2)					Execution Date Month Day Year
Name (line 1)	ULBACK, Barry L.				04-30-99
Name (line 2)					Execution Date
Name (line 1) B	ONALUMI, Roberto E.				Month Day Year 05-04-99
Name (line 2)					
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Name (line 1)					If document to be recorded is an assignment and the
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Address (line 1)					of a domestic representative is attached. (Designation must be a separate
Address (line 2)					document from Assignment.)
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PATENT

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RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office PATENT

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Address (line 3)	City State/Country Zip Co	ode
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Address (line 1)		domestic representative is attached. (Designation must be a separate document from
Address (line 2)		Assignment)
Address (line 3)		
Application Nu	mber(s) or Patent Number(s) Mark if additional numbers attached	Code
	atent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the	same property).
Pate	nt Application Number(s) Patent Num	ber(s)

PATENT

Docket No. 02925/100 PATENT

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

Page 1 of 5

ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument:

AND ASSIGNORS HEREBY covenant that ASSIGNORS have the full right to convey the entire interest herein assigned, and that ASSIGNORS have not executed, and will not execute, any agreement, assignment, sale or encumbrance in conflict herewith;

AND ASSIGNORS HEREBY further covenant and agree that ASSIGNORS will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNORS respecting the improvements, and will testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the improvements in all countries.

IN TESTIMONY WHEREOF, ASSIGNORS have set their hand and seal to this Assignment.

David B. GLEDITSCH

STATE OF NEW JERSEY)

(DOUNTY OF MIDDLESEX)

On this 18th day of 18th (month), 1988 (year), before me appeared David B. GLEDITSCH, 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

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

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Page 2 of 5

Guillaume J. SCHRIJNEMAKERS

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)	
) 55	
) ss.:	
) . *	
		(month), _ <u>½</u> y(year), before me ne personally known, who being by me
		R named in the foregoing instrument of
Assignment and he or she signed		
Assignment and he of she signed	mis mstrument o	h presence.
		11: 11/1/11
		14 14 ((11)) ((1)
		VI LE ZCIFOTCH (name)
		Notary Public
		Sharon A. JAMES
)	
) ss.:	
)	
On this c	lay of	_(month),(year), before me
	ne personally kno	own, who being by me duly sworn did
		foregoing instrument of Assignment and
he or she signed this instrument o		
ne or she signed this manuficht o	i woorkimment in	my presence.
		(name)
		Notary Public

Page <u>3</u> of 5

11

Guillaume J. SCHRIJNEMAKERS

)) ss.:)	
On this day of appeared Guillaume J. SCHRIJNEMAKERS, to duly sworn did say that he or she is an ASSIGNO Assignment and he or she signed this instrument	OR named in the foregoing instrument of
	Notary Public (name)
	Sharon A. JAMES
STRIE OF NEW JERSEY) COUNTY OF MIDDLESE,	Jun 1 - Hr.
On this day of day of happeared Sharon A. JAMES, to me personally know that he or she is an ASSIGNOR named in the ne or she signed this instrument of Assignment in	foregoing instrument of Assignment and
	Notary Public (name)
	PAMELA M. TICE Totary Public State of New Jersey My Commission Expires July 28, 2003

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Barry L. KULBACK

		By F. Kulloch
STATE OF TENNEXE)) ss.:	
COUNTY OF MUNTOONERY)	
appeared Barry L. KULBACK, to	me personally R named in the	(month) / G/G(year), before me known, who being by me duly sworn did foregoing instrument of Assignment and my presence. G/G K HOLF VEDA K HOLF (name) Notary Public
		Roberto E. BONALUMI
)) ss.:)	
appeared Roberto E. BONALUMI.	NOR named in	(month),(year), before me ally known, who being by me duly sworn the foregoing instrument of Assignment in my presence.
		Notary Public (name)

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11

Barry L. KULBACK

)) ss.:)	
On this day of appeared Barry L. KULBACK, to me personal say that he or she is an ASSIGNOR named in the he or she signed this instrument of Assignment	he foregoing instrument of Assignment and
	Notary Public
	Roberto E. BONALUMI
	Bon Can Black
)) ss.:)	
On this day of appeared Roberto E. BONALUMI, to me perso did say that he or she is an ASSIGNOR named and he or she signed this instrument of Assignment	in the foregoing instrument of Assignment
	Tucky ,
	Notary Public (name)

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1,

Victor A. COLON

etter to

STATE OF NEW TERSEY)

COUNTY OF MIDDLESEX
) SS.:

RECORDED: 06/22/1999

On this ______ day of ______ (month), ______ (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.

Notary Public

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

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