

04-10-2000

Substitute Form PTO-1595  
 Attorney Docket No.: 00232-186001  
 Client's Ref. No.: FP9818


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1c525 U.S. PTO  
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Assistant Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): James W. Mears Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): GRINNELL CORPORATION 1467 Elmwood Avenue Cranston, RI 02910 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 02/29/2000	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: 02/29/2000 A. Patent Application No(s): B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: TIMOTHY A. FRENCH Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110-2804	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>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.</i>  Timothy A. French Reg. No. 30,175 Name of Person Signing  Signature:  Date: March 7, 2000	
Total number of pages including coversheet, attachments and document: 3	

04/10/2000 DCDATES 00000098 09519696

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## CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EL 485680259US

I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

March 7, 2000  
 Date of Deposit

Signature

Samantha Bell  
 Typed Name of Person Signing Certificate

PATENT  
 REEL: 010661 FRAME: 0832

ASSIGNMENT

For valuable consideration, I, JAMES W. MEARS, of Warwick, RI, hereby assign to,  
GRINNELL CORPORATION, a Delaware corporation having a place of business at:

1467 Elmwood Avenue

Cranston, RI 02910

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me this day, entitled FLUSH SPRINKLER, filed \_\_, and assigned U.S. Serial Number \_\_, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at CRAVSTON RI,  
this 29<sup>th</sup> day FEBRUARY of, 2000  
James W. Mears L.S.  
JAMES W. MEARS

State of Rhode Island :  
County of Providence : ss.

Before me this 29<sup>th</sup> day of February, 2000, personally  
appeared JAMES W. MEARS known to me to be the person whose name is subscribed to the  
foregoing Assignment and acknowledged that he executed the same as his free act and deed for  
the purposes therein contained.

James W. Mears  
Notary Public  
My Commission Expires: 6 Aug 2001

[Notary's Seal Here]

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