505248146 12/20/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5294926

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST	

CONVEYING PARTY DATA

Name	Execution Date
BANK OF AMERICA, N.A. AS SUCCESSOR TO FLEET CAPITAL CORPORATION	12/18/2018

RECEIVING PARTY DATA

Name:	PERMA-PIPE INTERNATIONAL HOLDINGS, INC. F/K/A MFRI, INC.		
Street Address:	6410 W. HOWARD STREET		
City:	NILES		
State/Country:	ILLINOIS		
Postal Code:	60714		

PROPERTY NUMBERS Total: 2

Property Type	Number	
Patent Number:	5334970	
Patent Number:	4797621	

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	117284-0103
NAME OF SUBMITTER:	LAURA E. BUHS
SIGNATURE:	/laura e. buhs/
DATE SIGNED:	12/20/2018

Total Attachments: 3

source=Intellectual Property Release - Patent - Fleet Capital (MFRI) (2018)#page1.tif source=Intellectual Property Release - Patent - Fleet Capital (MFRI) (2018)#page2.tif source=Intellectual Property Release - Patent - Fleet Capital (MFRI) (2018)#page3.tif

PATENT 505248146 REEL: 047834 FRAME: 0591

RELEASE OF SECURITY INTEREST IN PATENTS AND LICENSES

This Release of Security Interest in Patents and Licenses (this "Release") is effective as of December 12, 2018, by Bank of America, N.A., as successor in interest to Fleet Capital Corporation, individually and as agent (in such capacity, "Secured Party").

WHEREAS, pursuant to that certain Patent and License Security Agreement, dated as of July 11, 2002, by MFRI, INC., a Delaware corporation (the "Grantor") in favor of Secured Party (the "Security Agreement"), the Grantor granted to Secured Party a continuing security interest in and continuing lien upon certain collateral of the Grantor, including, without limitation, the patents and licenses listed on Exhibit A hereto (collectively, the "Patents"); and

WHEREAS, the Security Agreement was recorded with the patent division of the United States Patent and Trademark Office on August 12, 2002 at Reel/Frame 13184/0894.

NOW, THEREFORE, intending to be legally bound hereby and in connection with the Security Agreement, Secured Party hereby (i) releases the continuing security interest and continuing lien upon, and terminates its security interest in, and all other rights, title and interest in and to, the Patents, without any recourse, representation or warranty, (ii) terminates the Security Agreement, and (iii) re-assigns to the Grantor, any right, title or interest the Secured Party may have in, to or under the Patents, together with the goodwill of the business symbolized thereby, and hereby authorizes the Grantor or the Grantor's authorized representative or designee to record this Release with the United States Patent and Trademark Office as evidence of such release and termination.

[Signature Page Follows]

PATENT REEL: 047834 FRAME: 0592

IN WITNESS WHEREOF, Secured Party duly executes this Release, which is effective as of the day and year first written above.

> BANK OF AMERICA, N.A., as successor in interest to Fleet Capital Corporations

Because the control of the second of the sec By:

Name: Asia Conda Title: Onla Lea Pasida

Signature Page to Release of Security Interest in Patents

EXHIBIT A

<u>PATENTS</u>

Patent Name	Owner	Patent No. (Application No.)	Reg. Date (Application Date)
ALARM SYSTEM	Perma-Pipe, Inc.	5,334,970	08/02/94
LEAK DETECTOR AND LOCATOR UTILIZING TIME DOMAIN REFLECTOMETRY AND SAMPLING TECHNIQUES	Perma-Pipe, Inc.	4,797,621	01/10/89

PATENT REEL: 047834 FRAME: 0594

RECORDED: 12/20/2018