

86-82-11  
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Date: November 9, 1998

Sir:

Transmitted herewith for recording is a document for which the following particulars apply:

- 1. Assignor(s): R. Winfield Thomas
- 2. Assignee(s): Tru-Flex Metal Hose Corp., Hwys. 263 & 28, West Lebanon, IN 47991

Address:

Assignee is domiciled in the United States.  
 Assignee is not domiciled in the United States. A Designation of a Domestic Representative is attached.

3. Type of document: Patent Assignment

11-18-1998



100902443

Date Executed: August 28, 1998.

Interest conveyed:  Entire  Other:

4. Please record the enclosed document against the following:

patent application(s)  issued patent(s)

Application Serial No. 09/138,215 for LENGTH-CONTROLLED FLEXIBLE HOSE AND METHOD OF MANUFACTURING SAME

5. Please address all correspondence concerning the recordation of this document to:

Litman, McMahon & Brown, L.L.C.  
 4700 Belleview, Suite 200  
 Kansas City, Missouri 64112

6. Total number of patent(s)/application(s) involved: 1

7.  Please charge Deposit Account No. 12-1660 for the total recording fee of \$\_\_\_\_\_.

Our check No. 9656 is enclosed to cover the total recording fee of \$ 40.00.

8.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 12-1660.

9. The undersigned certifies that to the best of his knowledge, all information contained herein is true and correct and any copy of documents submitted herewith is a true copy of the original document.

Respectfully submitted,  
 LITMAN, McMAHON & BROWN, L.L.C.

BY *Mark Brown*  
 Reg. No. 30,361

4700 Belleview, Suite 200  
 Kansas City, Missouri 64112  
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Total number of pages submitted 4

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## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I hereby assign, transfer and convey to TRU-FLEX METAL HOSE CORPORATION, a corporation created and existing under and by virtue of the laws of the State of Indiana, and having a principal place of business at Highways 263 & 28, West Lebanon, Indiana 47991, its successors, legal representatives and assigns, the entire right, title and interest in and to my invention for improvements in LENGTH-CONTROLLED FLEXIBLE HOSE AND METHOD OF MANUFACTURING SAME, in and to the application for Letters Patent of the United States therefor executed by me on the 28<sup>th</sup> day of August, 1998, and in and to the Letters Patent to be issued pursuant to said application, and any divisions, continuations, reissues and extensions thereof, and all applications for Letters Patent, or similar legal protection which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States, and all extensions, renewals and reissues thereof or legal equivalent thereof.

I 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 or similar legal protection on applications aforesaid, to issue all Letters Patent or similar legal protection for said invention to said assignee, the same to be held by said assignee for its own use and behoof and for the use and behoof of its successors, legal representatives, or assigns, to the full end of the term for which said Letters Patent or similar legal protection are or may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

For said consideration, I hereby agree, upon the request of said assignee, its successors, legal representatives and assigns, to execute any and all divisional and renewal applications for said invention or improvements and any supplemental oath relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application that said assignee, its successors, legal representatives or assigns may deem necessary or expedient, and for said considerations, I further agree, upon the request of said assignee, its successors, legal representatives or assigns, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in Interference, to cooperate to the best of my ability with said assignee, its successors, legal representatives or assigns in the matters of preparing the preliminary statement and giving and producing evidence in support thereof. I hereby agree to perform, upon such request, any and all affirmative acts to obtain said Letters Patent and vest all rights therein hereby conveyed in the said assignee, its successors, legal representatives and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made, and I hereby covenant and warrant that as of the date hereof I am the true and lawful owner of the entire right, title and interest in said invention, application for Letters Patent aforesaid, and the Letters Patent which may issue pursuant thereto, and have the full right and power to convey the same, and that the same is free and clear of all liens, charges and encumbrances whatsoever, and that I have not executed and will not execute any agreement in conflict herewith.

WITNESS my hand and seal this 28th day of August, 19 98.

R. Winfield Thomas  
R. Winfield Thomas

STATE OF Indiana )  
                                  ) SS.  
COUNTY OF Warren )

On this 28th day of August, 19 98, before me, a Notary Public in  
and for the State ~~and county~~ aforesaid, personally appeared R. Winfield Thomas, to me known  
and known to me to be the person of that name who signed and sealed the foregoing instrument,  
and he acknowledged the same to be his free act and deed.

Sandra Dreher  
Notary Public  
for the County of Vermillion.

My Commission Expires:

September 14, 1998

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