

12-13-1999



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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
 TUFF-N-NUFF INDUSTRIES, LTD.

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)  
 Name: TUFF-N-NUFF U.S.A., INC.  
 Internal Address:  
 Street Address: 3400 Tree Court Industrial Drive  
 City: St. Louis State: Missouri Zip: 63122

Additional names(s) & addresses(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: November 22, 1999

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 09/045,230; B. Patent No.(s)  
 Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence should be mailed:  
 Name: Michael Kovac  
Polster, Lieder, Woodruff & Lucchesi, I.C.  
 Internal Address: Suite 230  
 Street Address: 763 South New Ballas Road  
 City: St. Louis State: MO Zip: 63141

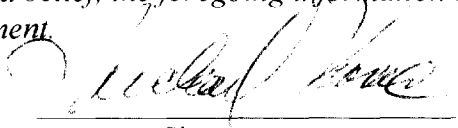
6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00  
 Enclosed  
 Authorized to be charged to deposit account in case of any deficiency.

8. Deposit account number: 162201  
 (Attach duplicate copy of this page if paying by deposit account)

**DO NOT USE THIS SPACE**

9. 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.*

Michael Kovac  11/29/99  
 Name of person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 2

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PATENT  
REEL: 010428 FRAME: 0032

**ASSIGNMENT**

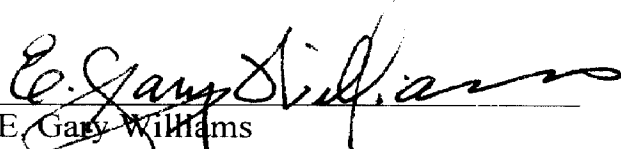
WHEREAS, TUFF-N-NUFF INDUSTRIES, LTD. a Nova Scotia Unlimited Corporation with offices at 5385 Onlund Road, R.R. #2, Mt. Lehman, B.C, is the owner of U.S. Patent Application Serial No. 09/045,230 filed March 20, 1998 for PROTECTIVE SHIELD FOR ELONGATED UNDERGROUND UTILITIES.

AND, WHEREAS, TUFF-N-NUFF U.S.A., INC., A Missouri Corporation, with offices at 3400 Tree Court Industrial Blvd., St. Louis, MO 63122, is desirous of acquiring the entire right, title and interest in and to said Patent Application Serial No. 09/045,230.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, TUFF-N-NUFF INDUSTRIES, LTD., does hereby sell, assign, transfer and set over unto said TUFF-N-NUFF U.S.A., INC., the entire right, title and interest in and to said U.S. Patent Application Serial No. 09/045,230, and any reissue, reexamination, continuation, continuation-in-part, division, or extension thereof, the same to be held and enjoyed by said TUFF-N-NUFF U.S.A., INC., a corporation, its successors and assigns, as fully and entirely as the same would have been held and enjoyed if this Assignment and sale had not been made; and TUFF-N-NUFF INDUSTRIES, LTD.. agrees to execute such further applications, powers of attorney, assignments and other documents as may be necessary or desirable to effectuate this Agreement.

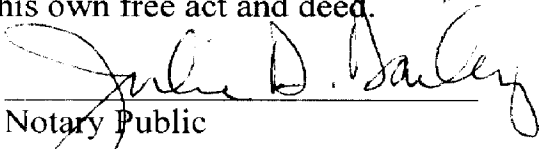
This Assignment is executed on the date set forth below.

Date: 11/22/99

  
E. Gary Williams  
Secretary and Treasurer  
TUFF-N-NUFF INDUSTRIES, INC.

STATE OF MISSOURI        )  
                                      ) SS.  
COUNTY OF ST. LOUIS    )

On this 22 day of November, 1999, before me, a Notary Public, personally appeared E. Gary Williams, to me known to be the person named in and who executed the above Assignment, and acknowledged to me that he executed the same for the uses and purposes therein mentioned, as his own free act and deed.

  
Notary Public  
JULIE D. DAILEY  
Notary Public – State of Missouri  
County of St. Louis  
My Commission Expires May 9, 2003

**PATENT**