

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Trung Leduc</td> <td>12/17/2007</td> </tr> <tr> <td>Russell Lewis</td> <td>12/19/2007</td> </tr> </tbody> </table>		Name	Execution Date	Trung Leduc	12/17/2007	Russell Lewis	12/19/2007
Name	Execution Date						
Trung Leduc	12/17/2007						
Russell Lewis	12/19/2007						
RECEIVING PARTY DATA							
Name:	Smith International, Inc.						
Street Address:	16740 Hardy Street						
City:	Houston						
State/Country:	TEXAS						
Postal Code:	77032						
PROPERTY NUMBERS Total: 1							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11954266</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11954266		
Property Type	Number						
Application Number:	11954266						
CORRESPONDENCE DATA							
Fax Number:	(713)228-8778						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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NAME OF SUBMITTER:	Marty Miles						
Total Attachments: 2 source=05516_364001_assn_20080220141601#page1.tif source=05516_364001_assn_20080220141601#page2.tif							

OP \$40.00 11954266

ASSIGNMENT — WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") hereby assign, transfer, and set over to:

Smith International, Inc.

having the following address:

16740 Hardy Street
Houston, Texas 77032

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest, worldwide, in and to the invention known by the following title:

DUAL STRIPPER RUBBER CARTRIDGE WITH LEAK DETECTION

for which the undersigned has/have executed an application for patent in the United States of America on or about this same day, together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all Letters Patent (domestic and foreign) which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agree:

1. To sign and execute any further documents which may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
2. To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY.

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA LIANG LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

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OSHA LIANG LLP

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

12/17/07	1st Inventor Signature: <u>[Signature]</u>
Date	Print or Type Name: <u>Trung Leduc</u>
17-18-07	2nd Inventor Signature: <u>[Signature]</u>
Date	Print or Type Name: <u>Russell Lewis</u>
Date	3rd Inventor Signature: _____
Date	Print or Type Name: _____
Date	4th Inventor Signature: _____
Date	Print or Type Name: _____

State of Texas
 County of Harris

Before me personally appeared: Trung Leduc Russell Lewis
1st Inventor 2nd Inventor

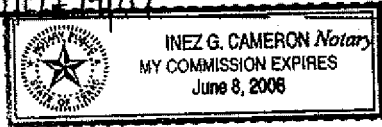
3rd Inventor 4th Inventor

5th Inventor 6th Inventor

7th Inventor 8th Inventor

each of whom acknowledged the foregoing instrument to be a free act and deed and also represented that he/she is authorized to execute this Assignment.

Dated: 12/17/07 [Signature]



My commission expires: 6-8-08

NOTARY PUBLIC

WITNESSES

Signature of Witness: _____
 Date _____
 Print or Type Name: _____

Signature of Witness: _____
 Date _____
 Print or Type Name: _____

When this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution:

U.S. Application Serial No.: 11/954,266
 Filing Date: December 12, 2007

OSHA LIANG LLP