

09-25-2000

Attorney Docket No. 1030-16102



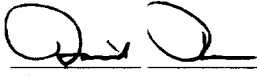
FORM PTO-1595  
(Rev. 6-93) Patent and Trademark Office  
OMB No. 0651-0011 (exp. 4/94)

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PATENTS

HEET

U. S. DEPARTMENT OF COMMERCE

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

<p>1. Name of conveying parties(ies):</p> <p>Charles H. Dewey, Mark J. Murray and Wei Xu <i>9-11-00</i></p> <p>Additional name(s) of conveying party(ies):</p> <p>Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Smith International, Inc. 16740 Hardy Street Houston, Texas 77032</p> <p>Additional name(s) &amp; address(es)</p> <p>Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger  <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other _____</p> <p>Execution Date: August 22, 2000 and August 25, 2000</p>			
<p>4. Application number(s) or patent number(s): <b>09/575,091</b></p> <p>If this document is being filed together with a new application, the execution date of the application is : ____</p> <table border="0"> <tr> <td data-bbox="74 966 779 1071">A. Patent Application No(s).</td> <td data-bbox="779 966 1554 1071">B. Patent No(s).</td> </tr> </table> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		A. Patent Application No(s).	B. Patent No(s).
A. Patent Application No(s).	B. Patent No(s).		
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>DAVID A. ROSE Conley, Rose &amp; Tayon, P.C. P. O. Box 3267 Houston, Texas 77253-3267</p>	<p>6. Total number of application and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) .....\$ <u>40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed  <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>03-2769</u></p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>		
<p align="center"><b>DO NOT USE THIS SPACE</b></p>			
<p>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</p> <p><u>David A. Rose</u>  <u>September 6, 2000</u></p> <p>Name of Person Signing Signature Date</p>			

Mail documents to be recorded with required cover sheet information to:

09/25/2000 MTHAI1 00000077 09575091 Commissioner of Patents & Trademarks, Box Assignments  
Washington, D. C. 20231

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40.00 DP

**PATENT**  
**REEL: 011092 FRAME: 0466**

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$ 0.00) cash in hand paid to us by Smith International, Inc., the receipt and sufficiency of which are hereby acknowledged, we, **CHARLES H. DEWEY**, and **WEI XU** along with **MARK J. MURRAY** are joint inventors ("ASSIGNORS"), having made an invention in ***ANCHOR APPARATUS AND METHOD***, while in the employ either as an employee or consultant of Smith International, Inc., a corporation organized and existing under the laws of the State of Delaware, doing business at 16740 Hardy Street, Houston Texas 77032 (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said Smith International, Inc. its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in ***ANCHOR APPARATUS AND METHOD***;
2. United States of America patent application on said invention, Serial No. 09/575,091, filed May 19, 2000, Atorney's File No. 1030-16102, entitled ***ANCHOR APPARATUS AND METHOD***;
3. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, whether in the United States of America or any other place anywhere in the world;
4. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
5. All substitutions for and divisions continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;
6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;
7. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
8. All international rights of priority associated with said invention, applications, patents and like protection;

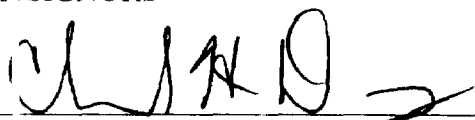
and we covenant that we, and our heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as

may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED at Houston, Texas on the date indicated below, opposite our signatures.

ASSIGNORS

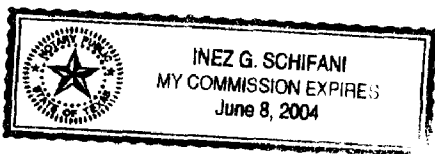
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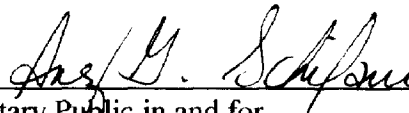
  
Charles H. Dewey

THE STATE OF TEXAS       §  
                                     §  
COUNTY OF HARRIS       §

BEFORE ME, the undersigned authority, on this day personally appeared **CHARLES H. DEWEY**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 22<sup>nd</sup> day of Aug., 2000.

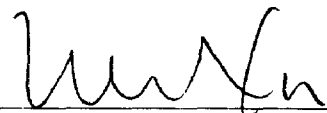
[S E A L] 

  
Notary Public in and for  
the State of T E X A S

My Commission Expires: 6-8-04

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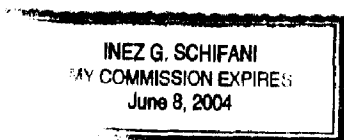
Date: 8/22/00

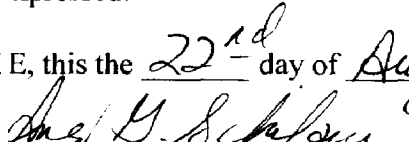
  
WEI XU

THE STATE OF TEXAS       §  
                                     §  
COUNTY OF HARRIS       §

BEFORE ME, the undersigned authority, on this day personally appeared **WEI XU**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 22<sup>nd</sup> day of Aug., 2000.

[S E A L] 

  
Notary Public in and for  
the State of T E X A S

My Commission Expires: 6-8-04

## ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to me by Smith International, Inc., the receipt and sufficiency of which are hereby acknowledged, I, **MARK J. MURRY** along with **CHARLES H. DEWEY**, and **WEI XU** are joint inventors ("ASSIGNORS"), having made an invention in ***ANCHOR APPARATUS AND METHOD***, while in the employ either as an employee or consultant of Smith International, Inc., a corporation organized and existing under the laws of the State of Delaware, doing business at 16740 Hardy Street, Houston, Texas 77032 (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said Smith International, Inc. its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in ***ANCHOR APPARATUS AND METHOD***;
2. United States of America patent application on said invention, Serial No. 09/575,091, filed May 19, 2000, Attorney's File No. 1030-16102, entitled ***ANCHOR APPARATUS AND METHOD***;
3. All applications for patent or like protection on said invention that have now been or may in the future be made by me or my legal representatives, whether in the United States of America or any other place anywhere in the world;
4. All patents and like protection that have now been or may in the future be granted on said invention to me or my legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;
6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;
7. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
8. All international rights of priority associated with said invention, applications, patents and like protection;

and I covenant that I, and my heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be

reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED at Houston, Texas on the date indicated below, opposite my signature.

ASSIGNOR

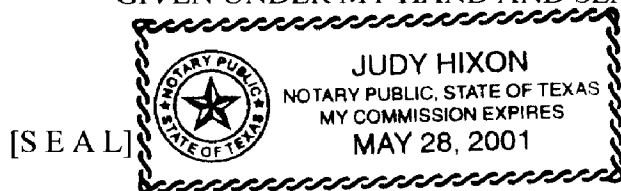
Date: August 25, 2000

Mark J. Murray  
Mark J. Murray

THE STATE OF TEXAS       §  
                                     §  
COUNTY OF HARRIS       §

BEFORE ME, the undersigned authority, on this day personally appeared **MARK J. MURRAY**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 25 day of August, 2000.



Judy Hixon  
Notary Public in and for  
the State of T E X A S

My Commission Expires: May 28, 2001

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