

06-16-2004

Form PTO-1595

(Rev. 10/02)

OMB No. 0651-0027 (exp. 6/30/2005)

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RECORDA

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S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):

Anthony Griffo



2. Name and address of receiving party(ies)

Name: Smith International, Inc.

Internal Address: \_\_\_\_\_

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Street Address: 16740 Hardy StreetCity: Houston State: TX Zip: 77032Execution Date: May 6, 2004Additional name(s) & address(es) attached? ☐ Yes ☒ No

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)

10/726,387

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Grant T. Langton, Esq.Internal Address: Jeffer, Mangels, Butler and Marmaro LLPSeventh FloorStreet Address: 1900 Avenue of the StarsCity: Los Angeles State: CA Zip: 900676. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

10-0440

(Attach duplicate copy of this page if paying by deposit account)

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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.*Grant T. Langton

Name of Person Signing

Signature

6/8/04

Date

Total number of pages including cover sheet, attachments, and documents: 5

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

Filed together with a new patent application to:

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PATENT

REEL: 015447 FRAME: 0465

10/726,387

100440

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01 FC:021

06/15/2004

For: U.S. Rights and Foreign Rights  
For: U.S. Application  
By: Inventors

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR:**

Anthony Griffo  
70 N. Acacia Park Circle  
The Woodlands TX 77382  
US

Nationality: US

hereby sells, assigns and transfers to

**ASSIGNEE:**

Smith International, Inc.  
16740 Hardy Street  
Houston, TX 77032  
State or Country of Formation: Delaware

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

**RANDOMLY-ORIENTED COMPOSITE CONSTRUCTIONS**

and which is found in (37 C.F.R. Section 3.21) U.S. patent application no. 10/726,387, filed on December 2, 2003, and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

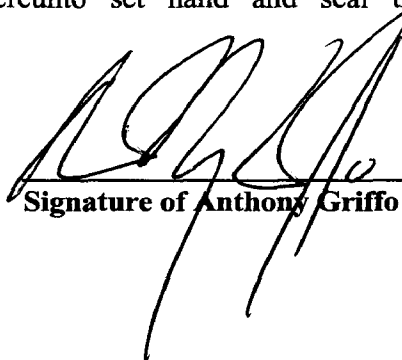
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ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set hand and seal this 6<sup>th</sup> day of

May '04

Date: 5/6/04



Signature of Anthony Griffo

**NOTARIZATION OR LEGALIZATION ACCOMPANYING ASSIGNMENT**

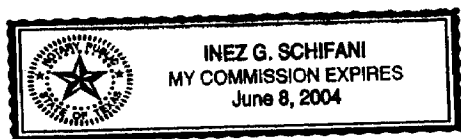
Details of Country

United States of America

and place of signing of assignment

Texas

Before me this 6<sup>th</sup> day of May 2004, personally appeared the above named individual, to me known to be the persons who are described in, and who executed the foregoing assignment instrument and acknowledged to me that they executed the same of their own free will for the purpose therein expressed.



A handwritten signature in cursive script, appearing to read "Inez G. Schifani".

\_\_\_\_\_  
Notary Public or Consular Officer of the  
United States of America