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Atty. Docket No.: 1315-30

48-8-05

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 Robert SNELL, Geoffrey ANDREWS, Martin CABLE, Scott JOHNSON

Execution Date(s) 03/29/05, 03/29/05, 03/29/05, 03/24/05  
 Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
 Name: Ranier Limited  
 Internal Address: \_\_\_\_\_  
 Street Address: Greenhouse Park Innovation Centre  
Newmarket Road  
 City: Cambridge  
 State: Cambridgeshire  
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**3. Nature of conveyance:**

Assignment  Merger  
 Security Agreement  Change of Name  
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**4. Application or patent number(s):**  This document is being filed together with a new application.  
 A. Patent Application No.(s)  
PCT/GB2003/004352  
 B. Patent No.(s)  
 Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
 Name: Francesco Sardone  
 Internal Address: Carter, DeLuca, Farrell & Schmidt LLP  
 Street Address: 445 Broadhollow Road  
SMAYARRO 00000090 10530919  
40.00 DP  
 City: Melville  
 State: New York Zip: 11747  
 Phone Number: \_\_\_\_\_  
 Fax Number: \_\_\_\_\_  
 Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved:** 1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
 Expiration Date \_\_\_\_\_

b. Deposit Account Number 50-2140  
 Authorized User Name Francesco Sardone

**9. Signature:** Francesco Sardone Signature April 8, 2005 Date

Francesco Sardone, Reg. No. 47,918 Name of Person Signing  
 Total number of pages including cover sheet, attachments, and documents: 3

04/14/2005  
06 FC:802

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PATENT  
REEL: 016935 FRAME: 0536

For:  U.S. and/or  Foreign Rights  
 For:  U.S. Application or  U.S. Patent  
 By:  Inventor(s) or  Present Owner

**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, ASSIGNORS, Robert SNELL, Geoffrey ANDREWS, Martin CABLE, and Scott JOHNSON hereby sell, assign and transfer to

ASSIGNEE:

RANIER LIMITED  
 (Type or print name of ASSIGNEE)  
  
Greenhouse Park Innovation Centre  
 Address  
  
Newmarket Road, Cambridge  
  
Cambridgeshire CB1 5AS  
  
Great Britain  
 Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

the entire right, title and interest

an undivided \_\_\_\_\_ percent (\_\_\_\_\_% ) 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:

**HIGH PRECISION MANUFACTURE OF POLYURETHANE PRODUCTS  
 SUCH AS SPINAL DISC IMPLANTS HAVING GRADUAL MODULUS VARIATION**  
 (title of invention)

and which is found in

- (a)  U.S. patent application executed on even date herewith.
  - (b)  U.S. patent application executed on \_\_\_\_\_.
  - (c)  U.S. application Serial No. \_\_\_\_\_ filed on \_\_\_\_\_.
  - (d)  U.S. provisional application No. 60/ \_\_\_\_\_  
 filed on \_\_\_\_\_.
  - (e)  U.S. Patent No. \_\_\_\_\_ issued \_\_\_\_\_.
  - (f)  PCT application No. PCT/GB2003/004352  
 filed on 8 October 2003.
- A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

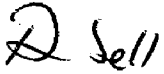
(g)  and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and as to letters patent 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;

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/We have hereunto set hand and seal this \_\_\_\_\_ (Date of signing).

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.



Robert SNELL

29/03/05

Dated



Geoffrey ANDREWS

29.03.05.

Dated



Martin CABLE

29/3/05

Dated



Scott JOHNSON

24/3/05

Dated

If ASSIGNOR is a legal entity complete the following information

Type or print the name of the above person  
authorized to sign on behalf of ASSIGNOR

Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.

Notarization or Legalization Page Added.