PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------------------|----------------|
| Malcolm Brown | 10/07/2009 |
| Horacio Montes de Oca Balderas | 10/02/2009 |
| Michael Hall | 09/22/2009 |

RECEIVING PARTY DATA

| Name: | Smith & Nephew UK Limited |
|-----------------|---------------------------|
| Street Address: | 15 Adam Street |
| City: | London |
| State/Country: | UNITED KINGDOM |
| Postal Code: | WC2N 6LA |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------|-----------|
| PCT Number: | US0860783 |

CORRESPONDENCE DATA

Fax Number: (978)684-6417

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 978-749-1311

Email: norman.hainer@smith-nephew.com

Correspondent Name: Norman F. Hainer, Jr. Address Line 1: 150 Minuteman Road

Address Line 4: Andover, MASSACHUSETTS 01810

| ATTORNEY DOCKET NUMBER: | PT-3218-WO-PCT |
|-------------------------|-----------------------|
| NAME OF SUBMITTER: | Norman F. Hainer, Jr. |

Total Attachments: 6

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PATENT 501034947 REEL: 023619 FRAME: 0905

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ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Malcolm Brown residing respectively at 89 Wrenbeck Drive, Otley, Yorkshire, UK (hereinafter referred to as the "ASSIGNOR") has invented certain new and useful improvements in Multimodal Shape Memory Polymers for which ASSIGNOR has

| 🔝] executed on even date he | erewith |
|-------------------------------|------------------------------------|
|] executed on | , 20 |
| X] filed on April 18, 2008 | |
| m International patent appli- | cation, Serial No. PCT/US08/60783. |

AND WHEREAS Smith & Nephew UK Limited, a company organized under the laws of the United Kingdom and having a principal place of business at 15 Adam Street, London, WC2N 6LA, United Kingdom (hereinafter referred to as the "ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to said application and the invention(s) and improvement(s) therein disclosed, for the United States of America and any other foreign countries, and any Letters Patent which may issue therefore in the United States and any other foreign countries and all divisions, continuations, reissues, re-examinations, renewals and/or extensions thereof.

NOW THEREFORE in consideration of the sum of one U.S. Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the ASSIGNOR does hereby assign, sell, transfer and set over unto the ASSIGNEE the entire right, title and interest in and to said application and the inventor(s) and improvements(s) therein disclosed, for the United States of America and any other foreign countries and any Letters Patent which may issue therefore in the United States of America and any other foreign countries and all divisions, continuations, reissues, re-examinations, renewals and/or extensions thereof, said ASSIGNEE to have and to hold the interests herein assigned to the full ends of the terms of said Letters patent and any and all divisions, continuations, reissues, re-examinations, renewals and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this assignment not been made.

And for the consideration aforesaid, ASSIGNOR agrees that ASSIGNOR will, upon request, communicate to said ASSIGNEE or the representatives thereof any facts known to ASSIGNOR respecting the invention(s) and improvement(s) of the said United States and any other foreign countries' application, and will, upon request, but without expense to ASSIGNOR, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue, re-examination, renewal and/or extension applications make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said ASSIGNEE or by counsel for said ASSIGNEE, to assist or enable said ASSIGNEE to obtain and enforce full benefits from the rights and interests herein assigned.

This assignment shall be binding upon the ASSIGNORS heirs, executors, administrators, successors and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of the ASSIGNEE.

| The Commissioner of Detente is requested to issue such I often Detect to | . 1 1.0 |
|--|-------------------|
| The Commissioner of Patents is requested to issue such Letters Patent in | i accordance with |
| this assignment | |
| this assignment. | |
| | |
| 1/4 5/1/1/1 1/1// | |

Signature /// ///// (Name: Malcolm Brown Date: 7/0009

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Horacio Montes de Oca Balderas residing respectively at 40 The Green, York, YO 265LR, United Kingdom (hereinafter referred to as the "ASSIGNOR") has invented certain new and useful improvements in Multimodal Shape Memory Polymers for which ASSIGNOR has

|] executed on even date herewit | h |
|-------------------------------------|-------------------------------|
|] executed on | , 20 |
| X] filed on April 18, 2008 | |
| in International patent application | o. Serial No. PCT/US08/60783. |

AND WHEREAS Smith & Nephew UK Limited, a company organized under the laws of the United Kingdom and having a principal place of business at 15 Adam Street, London, WC2N 6LA, United Kingdom (hereinafter referred to as the "ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to said application and the invention(s) and improvement(s) therein disclosed, for the United States of America and any other foreign countries, and any Letters Patent which may issue therefore in the United States and any other foreign countries and all divisions, continuations, reissues, re-examinations, renewals and/or extensions thereof.

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The Commissioner of Patents is requested to issue such Letters Patent in accordance with this assignment.

| Signatu | ire | |
|---------|--------------------------------|--|
| Name: | Horacio Montes de Oca Balderas | |
| Date: _ | 02/10/09 | |

PATENT

REEL: 023619 FRAME: 0910

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Michael Hall residing respectively at 54 Lancaster Road, Linthorpe, Middlesbrough, UK (hereinafter referred to as the "ASSIGNOR") has invented certain new and useful improvements in Multimodal Shape Memory Polymers for which ASSIGNOR has

| [] executed on even date | herewith | | |
|-----------------------------|-------------------------|------------------------------|---------------|
| [X] executed on | 9/22,2009 | | |
| [] filed on | , 20 | | |
| an International patent app | plication, Serial No.PC | Tuso8/6078and a United | States patent |
| application, Serial No. 12 | 595, 341. I author | rize and request the attorne | evs appointed |
| in said patent applications | to hereafter complete | this assignment by insertin | g above the |
| serial numbers of said app | | | |

AND WHEREAS Smith & Nephew UK Limited, a company organized under the laws of the United Kingdom and having a principal place of business at 15 Adam Street, London, WC2N 6LA, United Kingdom (hereinafter referred to as the "ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to said application and the invention(s) and improvement(s) therein disclosed, for the United States of America and any other foreign countries, and any Letters Patent which may issue therefore in the United States and any other foreign countries and all divisions, continuations, reissues, re-examinations, renewals and/or extensions thereof.

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necessary or expedient by said ASSIGNEE or by counsel for said ASSIGNEE, to assist or enable said ASSIGNEE to obtain and enforce full benefits from the rights and interests herein assigned.

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| The Commissioner of Patents is requested to issue such Letters Pate | nt in accordance with |
|---|-----------------------|
| this assignment. | |
| Signature MM | |
| Signature WWW | |
| Name: Michael Hall | |

RECORDED: 12/08/2009