



01-13-2010

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Our Ref.: SCS-550-1207

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To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies): 1 David Andrew ROBERTS 5 2 Trevor Nigel MUDGE 6 3 Thomas Friedrich WENISCH 7 4 8 Additional name/s of conveying party/ies attached? <input type="checkbox"/> 3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: December 18, 2009; December 4, 2009 & December 1, 2009	2. Name and address of receiving party(ies): 1) Name: The Regents of the University of Michigan Street Address: City: Ann Arbor State/Country: Michigan Zip: 48109 2) Name Street Address: City: State: Zip: Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Application number(s) or patent number(s): <input type="checkbox"/> This assignment is being filed together with a new application. A. Patent Application No(s). (1) 12/588,592 (2) (3) B. Patent No(s). (1) (2) (3) Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Stanley C. Spooner Internal Address: Street Address: Nixon & Vanderhye P.C. 901 North Glebe Road 11th Floor City: Arlington State: VA Zip: 22203	6. Total number of applications & patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140 8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.
DO NOT USE THIS SPACE	
9. Statements 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. Stanley C. Spooner Name of Person Signing Reg. No. 27,393 By <i>[Signature]</i> 33,149 Signature January 7, 2010 Date Total number of pages including original cover sheet, attachments, and document: [5]	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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PATENT
REEL: 023770 FRAME: 0212

United States and
Foreign (Sole)

Case:

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, and to perfect the ownership of the Regents as established under Regents Bylaw 3.10 of the University of Michigan, I David Andrew Roberts, residing at Lillymore, Wood Lane, Hanbury-on-the-hill, Staffordshire, UK DE138TG, hereby sell, assign and transfer to The Regents of the University of Michigan, a not-for-profit organization duly organized and existing under the laws of the State of Michigan as assignee, and its successors, assigns and legal representatives, my entire right, title and interest for the patent application having a Serial Number of **12/588,592** and a filing date of **October 20, 2009**, and any application claiming priority thereto; any continuation, continuation-in-part, divisional, re-examination, reissue or prolongation thereof; and all the rights and privileges under any United States Letters Patent and all foreign Letters Patent that may be granted therefor, including the inventions described therein. I hereby grant permission for the attorney of record to insert the filing information into this agreement.

I request that any and all United States and foreign patents for the inventions be issued to the assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

I agree that, when requested, I will sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries, and for vesting title thereto in the assignee, its successors, assigns and legal representatives or nominees.

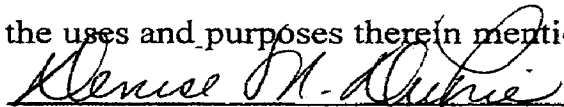
I authorize and empower the assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for the inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

Signed: 
David Andrew Roberts

STATE OF MICHIGAN)
) ss.
COUNTY OF WASHTENAW)

On this 18th day of DECEMBER, 2009, personally appeared before me, David Andrew Roberts, to me known to be the person who executed the above instrument and acknowledged that he executed the same for the uses and purposes therein mentioned.


Notary Public
My Commission Expires:

DENISE M. DUPRIE
Notary Public, Livingston County, MI
My Commission Expires Oct. 8, 2011
Acting in Washtenaw County

United States and
Foreign (Joint)

Case:

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, and to perfect the ownership of the Regents as established under Regents Bylaw 3.10 of the University of Michigan, we, Trevor Nigel Mudge and Thomas Friedric Wenisch, residing at 3801 Wynnstone Drive, Ann Arbor, Michigan 48105 and 3122 Fenview Drive, Ann Arbor, Michigan 48108, respectively, hereby sell, assign and transfer to The Regents of the University of Michigan, a not-for-profit organization duly organized and existing under the laws of the State of Michigan as assignee, and its successors, assigns and legal representatives, our entire right, title and interest for the patent application having a Serial Number of 12/588,592 and a filing date of October 20, 2009, and any application claiming priority thereto; any continuation, continuation-in-part, divisional, re-examination, reissue or prolongation thereof; and all the rights and privileges under any United States Letters Patent and all foreign Letters Patent that may be granted therefor, including the inventions described therein. We hereby grant permission for the attorney of record to insert the filing information into this agreement.

We request that any and all United States and foreign patents for the inventions be issued to the assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries, and for vesting title thereto in the assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for the inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

Signed: Trevor Nigel Mudge
Trevor Nigel Mudge

Signed: Thomas Friedric Wenisch
Thomas Friedric Wenisch

STATE OF)
) ss.
COUNTY OF)

On this 4th day of December, 2009, personally appeared before me, Trevor Nigel Mudge, to me known to be the persons who executed the above instrument and acknowledged that he executed the same for the uses and purposes therein mentioned.

Denise M. Duprie
Notary Public
My Commission Expires:

STATE OF)
) ss.
COUNTY OF)

DENISE M. DUPRIE
Notary Public, Livingston County, MI
My Commission Expires Oct. 8, 2011
Acting in Washtenaw County

On this 1st day of December, 2009, personally appeared before me, Thomas Wenisch, to me known to be the persons who executed the above instrument and acknowledged that he executed the same for the uses and purposes therein mentioned.

Denise M. Duprie
Notary Public
My Commission Expires:

DENISE M. DUPRIE
Notary Public, Livingston County, MI
My Commission Expires Oct. 8, 2011
Acting in Washtenaw County