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

To the Honorable Commissioner of Patents and Trademarks

Send original documents or copy thereof.

1. Name of conveying party(ies): 1. Michael Roy POWELL 2. Charles J. CALL Additional name(s) of conveying party(ies) attached? Yes No

1023-03

2. Name and address of receiving party(ies) Name: MesoSystems Technology, Inc. Internal Address: Street Address: 1001 Menaul Blvd., NE, Suite A City: Albuquerque State: NM Zip: 87111 Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: 1. 10/01/02 2. 08/06/02

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: 10/23/03 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes No

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5. Name and address of party to whom correspondence concerning document should be mailed: Name: Mark Krietzman, Esq. Internal Address: 400E Greenberg Traurig LLP Street Address: 2450 Colorado Boulevard City: Santa Monica State: CA Zip: 90404

6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41).....\$ 40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 50-2638

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9. Signature. Mark Krietzman, Esq. Signature Date 10/23/03

Total number of pages including cover sheet, attachments, and documents 4

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

PATENT REEL: 015036 FRAME: 0948

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Michael Roy Powell, 2718 Kyle Rd., Kennewick, WA 99338 and Charles J. Call, 6120 Paper Flower Place, Albuquerque, New Mexico 87111, ("Assignor") has sold, assigned, and transferred, and do hereby sell, assign, and transfer unto MesoSystems Technology, Inc., a corporation of the state of Washington, having a place of business at 1001 Menaul Blvd. NE, Suite A, Albuquerque, New Mexico 87107, and its successors, assigns, and legal representatives, ("Assignee") the entire right, title, and interest to certain inventions in HYDROGEN GENERATION APPARATUS AND METHOD FOR USING SAME, described, illustrated, and claimed in an application filed under the Patent Cooperation Treaty "PCT" and identified as Docket No. 50046880-0013, filed on April 23, 2002, and assigned PCT Application No. PCT/US02/12822 together with the entire right, title, and interest in and to the application, and in and to any United States Letters Patent that may issue from a United States Patent Application claiming priority to the PCT Application No. PCT/US02/12822 and upon any division, extension, continuation, continuation-in-part, reexamination, or reissue thereof.

I hereby also sell, assign, and transfer to Assignee the entire right, title, and interest for all countries foreign to the United States of America in and to the inventions, together with the entire right, title, and interest in and to applications for patents or counterparts of foreign countries, including all rights under any international conventions and treaties in respect of the inventions and the applications for patent or foreign counterparts in foreign countries, and in and to patents or counterparts of foreign countries that may be issued upon the applications and upon any division, extension, continuation, continuation-in-part, reexamination, or reissue thereof.

I hereby authorize Assignee to apply for patents or counterparts in foreign countries directly in its own name, and to claim the priority of the filing date of the PCT application under the provisions of any and all international conventions or treaties.

I agree that, when requested, without charge to Assignee but at its expense, I will do all lawful acts, including the execution of all papers, taking all rightful oaths, giving of testimony, that may be necessary, desirable, or convenient for securing, maintaining, reissuing, and enforcing patents or counterparts for the inventions in any and all countries, and for perfecting, recording, vesting, or maintaining title in the inventions and the applications, and any patent or counterparts granted for the invention, in Assignee, its successors, assigns, and legal representatives or nominees in any and all countries.

I represent and warrant that I have not granted and will not grant to others any rights inconsistent with the rights granted herein.

I hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue any Letters Patent upon the application, division, extension, continuation, continuation-in-part, reexamination, or reissue, to Assignee, its successors, assigns, and legal representatives, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by me had this Assignment not been made, and I hereby authorize and request the equivalent authorities in foreign countries to issue the patents or counterparts of their respective countries to the Assignee.

I hereby covenant with Assignee, its successors, assigns, and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance.

IN WITNESS WHEREOF, I have executed this Assignment and Agreement.

Assignor: Michael Roy Powell of 2718 Kyle Rd., Kennewick, WA 99338.

Assignor's Signature: *Michael Roy Powell*

Date: Oct. 1, 2002

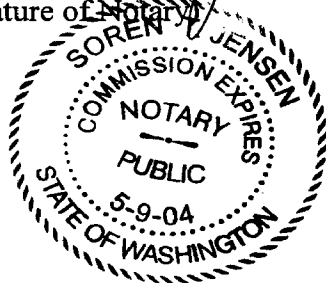
STATE OF Washington)

COUNTY OF Benton)

On this 1st day of October, 2002, before me, personally appeared **Michael Roy Powell** personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal the day and year of this certificate first above written.

Soren T. Jensen
(Signature of Notary)



IN WITNESS WHEREOF, I have executed this Assignment and Agreement.

Assignor: Charles J. Call of 6120 Paper Flower Place, Albuquerque, New Mexico 87111.

Assignor's Signature: Charles Call

Date: 8/6/02

STATE OF New Mexico

COUNTY OF Bernalillo

On this 6 day of August, 2002, before me, personally appeared **Charles J. Call** personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal the day and year of this certificate first above written.

Emily Z. Bercome
(Signature of Notary)