

PATENT ASSIGNMENT

Electronic Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Michael Bailey-VanKuren | 03/30/2010 |
| Donna R. Scarborough | 03/30/2010 |
| RECEIVING PARTY DATA | |
| Name: | Miami University |
| Street Address: | 215 Roudebush Hall |
| City: | Oxford |
| State/Country: | OHIO |
| Postal Code: | 45056 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12753147 |
| CORRESPONDENCE DATA | |
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| ATTORNEY DOCKET NUMBER: | MIAMX 128 |
| NAME OF SUBMITTER: | Ashkan A. Aminian, 63,134 |
| <p>Total Attachments: 3</p> <p>source=assignment_executed#page1.tif</p> <p>source=assignment_executed#page2.tif</p> | |

OP \$40.00 12753147

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PATENT
REEL: 024179 FRAME: 0125

PATENT APPLICATION AND INVENTION ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, We, the undersigned, Michael Bailey-VanKuren (Assignor), a citizen of the United States of America, residing at 1199 Hogue Road, Hamilton, Ohio 45013 and Donna R. Scarborough (Assignor), a citizen of the United States of America, residing at 6982 Driftwood Lane, Cincinnati, Ohio 45242:

Hereby sell, assign and transfer to Miami University (Assignee), an Institution of Higher Education of the State of Ohio, having a place of business at 215 Roudebush Hall, Oxford, Ohio 45056, its successors, assigns and legal representatives, the entire right, title and interest for the United States, in and to any and all inventions which are disclosed in


- the non-provisional application for United States Letters Patent, which is executed concurrently herewith and is entitled **ADVANCED TRANSITIONAL CUP**, filed on April 2, 2010 and given Serial No. 12/753,147 (MIAMX 128).

and in and to each said application and extensions thereof including all rights of priority arising therefrom and in and to all non-provisional, divisional, continuing, substitute, renewal, reissue applications, all provisional applications directed to the same invention which have been or will be filed and all other applications for Letters Patent which have been or shall be filed in the United States and all countries of the world and all international applications on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all countries of the world on said inventions; and I do hereby authorize and request the Commissioner of Patents or other proper Officer to issue such Letters Patent, or any of them, to the said Assignee, and its successors or assigns.

Agree that said Assignee may apply for, receive and maintain Letters Patent for said inventions in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on any and all said inventions for the U.S., all other countries of the world and under all treaties; execute all rightful oaths, supplemental oaths, preliminary statements, assignments, powers of attorney, assurance of title and other papers for the U.S., all other countries and under all treaties, communicate to said Assignee, its successors, assigns and representatives, all facts known to the undersigned relating to said inventions and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions, for complying with applicable law and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives for the U.S., all other countries and under treaties:

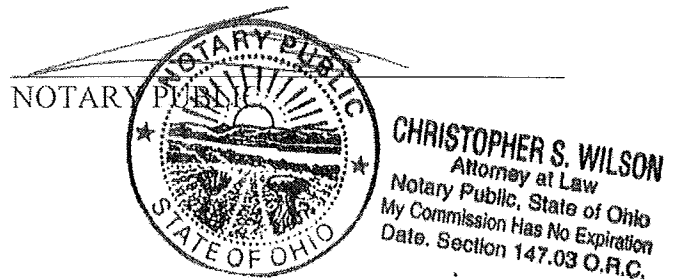
Hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of said Assignee to apply for a patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.


Michael Bailey-VanKuren

State of Ohio :
:SS
County of Butler :

Before me this 30th day of March, 2010, personally appeared Michael Baile-VanKuren, known to be the person who is described in and who executed the above instrument, and acknowledged to me that he executed the same of his own free will for the purpose therein set forth.



Donna Scarborough (LS)
Donna R. Scarborough

State of Ohio :
County of Butler :SS

Before me this 30th day of March, 2010, personally appeared Donna R. Scarborough, known to be the person who is described in and who executed the above instrument, and acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

Christopher S. Wilson

NOTARY PUBLIC



CHRISTOPHER S. WILSON
Attorney at Law
Notary Public, State of Ohio
My Commission Has No Expiration
Date. Section 147.03 O.R.C.