

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT														
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Levi A. CAMPBELL</td> <td>04/23/2007</td> </tr> <tr> <td>Richard C. CHU</td> <td>04/23/2007</td> </tr> <tr> <td>Michael J. ELLSWORTH Jr.</td> <td>04/23/2007</td> </tr> <tr> <td>Madhusudan K. IYENGAR</td> <td>04/23/2007</td> </tr> <tr> <td>Roger R. SCHMIDT</td> <td>04/19/2007</td> </tr> <tr> <td>Robert E. SIMONS</td> <td>04/23/2007</td> </tr> </tbody> </table>		Name	Execution Date	Levi A. CAMPBELL	04/23/2007	Richard C. CHU	04/23/2007	Michael J. ELLSWORTH Jr.	04/23/2007	Madhusudan K. IYENGAR	04/23/2007	Roger R. SCHMIDT	04/19/2007	Robert E. SIMONS	04/23/2007
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Robert E. SIMONS	04/23/2007														
<b>RECEIVING PARTY DATA</b>															
<b>Name:</b>	INTERNATIONAL BUSINESS MACHINES CORPORATION														
<b>Street Address:</b>	New Orchard Road														
<b>City:</b>	Armonk														
<b>State/Country:</b>	NEW YORK														
<b>Postal Code:</b>	10504														
<b>PROPERTY NUMBERS Total: 1</b>															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11739160</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11739160										
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Application Number:	11739160														
<b>CORRESPONDENCE DATA</b>															
<b>Fax Number:</b>	(518)452-5579														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
<b>Phone:</b>	518-452-5600														
<b>Email:</b>	sj@hrfmlaw.com														
<b>Correspondent Name:</b>	Kevin P. Radigan, Esq.														
<b>Address Line 1:</b>	HESLIN ROTHENBERG FARLEY & MESITI, P.C.														
<b>Address Line 2:</b>	5 Columbia Circle														
<b>Address Line 4:</b>	Albany, NEW YORK 12203														
<b>ATTORNEY DOCKET NUMBER:</b>	POU920070060US1														

CH \$40.00 11739160

NAME OF SUBMITTER:

Kevin P. Radigan, Esq.

Total Attachments: 2

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# ASSIGNMENT

Whereas, we

- |     |   |   |
|-----|---|---|
| (1) | Levi A. Campbell<br>County of Dutchess          | of Poughkeepsie<br>State of New York      |
| (2) | Richard C. Chu<br>County of Dutchess            | of Hopewell Junction<br>State of New York |
| (3) | Michael J. Ellsworth, Jr.<br>County of Dutchess | of Lagrangeville<br>State of New York     |
| (4) | Madhusudan K. Iyengar<br>County of Ulster       | of Woodstock<br>State of New York         |
| (5) | Roger R. Schmidt<br>County of Dutchess          | of Poughkeepsie<br>State of New York      |
| and |   |   |
| (6) | Robert E. Simons<br>County of Dutchess          | of Poughkeepsie<br>State of New York      |

have invented certain improvements in

## COOLING APPARATUS, COOLED ELECTRONIC MODULE AND METHODS OF FABRICATION EMPLOYING A MANIFOLD STRUCTURE WITH INTERLEAVED COOLANT INLET AND OUTLET PASSAGeways

and executed a United States Patent Application therefore on

- (1) 4/23/07, (2) 4/23/07, (3) 4/23/07, (4) 4/23/2007,  
(5) 4/19/2007, and (6) 4/23/2007.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, Armonk, New York, 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and the invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patents granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patents on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed

- (1) at POUGHKEEPSIE  
on 4/23/07  
  
Levi A. Campbell
  
- (2) at POUGHKEEPSIE  
on 4/23/07  
  
Richard C. Chu
  
- (3) at Poughkeepsie  
on 4/23/07  
  
Michael J. Emsworth, Jr.
  
- (4) at Poughkeepsie  
on 4/23/2007  
  
Madhusudan K. Iyengar
  
- (5) at Poughkeepsie  
on 4/19/2007  
  
Roger R. Schmidt
  
- (6) at POUGHKEEPSIE  
on 4/23/2007  
  
Robert E. Simons