

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Viraj Srivastava</td><td>06/24/2008</td></tr><tr><td>David H. Archer</td><td>07/01/2008</td></tr></tbody></table>	Name	Execution Date	Viraj Srivastava	06/24/2008	David H. Archer	07/01/2008	
Name	Execution Date						
Viraj Srivastava	06/24/2008						
David H. Archer	07/01/2008						
RECEIVING PARTY DATA							
Name:	Carnegie Mellon University						
Street Address:	5000 Forbes Avenue						
City:	Pittsburgh						
State/Country:	PENNSYLVANIA						
Postal Code:	15213						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12055057</td></tr></tbody></table>	Property Type	Number	Application Number:	12055057			
Property Type	Number						
Application Number:	12055057						
CORRESPONDENCE DATA							
Fax Number:	(732)321-3014						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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Address Line 4:	Iselin, NEW JERSEY 08830						
ATTORNEY DOCKET NUMBER:	2007P06180US01						
NAME OF SUBMITTER:	Karen Avant						
Total Attachments: 2 source=CMU Assignment#page1.tif source=CMU Assignment#page2.tif							

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REEL: 021249 FRAME: 0916

ASSIGNMENT

For good and valuable consideration, We, Viraj Srivastava, residing at 5529 Fifth Avenue, Pittsburgh, PA 15232, citizen of IN; and David H. Archer, residing at 114 Kentzel Road, Pittsburgh, PA 15237-2816, citizen of US; hereafter individually or collectively referred to as "Assignor";

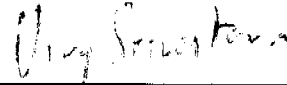
Hereby sell, assign and transfer to Carnegie Mellon University, a nonprofit corporation organized and existing under the state laws of Pennsylvania, having its principal place of business at 5000 Forbes Avenue, Pittsburgh, PA 15213, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in Provisional Application filed on 03.26.07 and identified as United States Provisional Application Serial No. 60/896,950, and in the application for United States Letters Patent, which has been filed with the United States Patent and Trademark Office on 03.25.08, under Serial Number 12/055,057, entitled:

**APPARATUS AND METHOD FOR THE CONTROL OF THE INDOOR THERMAL
ENVIRONMENT HAVING FEED FORWARD AND FEEDBACK CONTROL USING
ADAPTIVE REFERENCE MODELS**

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements 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 improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; 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.

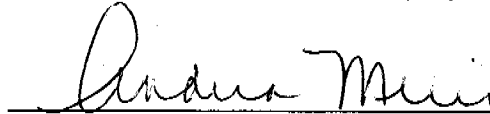


Viraj Srivastava

State of New Jersey)
County of Middlesex): ss

Before me this 24th day of June, 2008 personally appeared Viraj Srivastava to me personally 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.

[Seal]


Notary Public **ANDREA MEIER**
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Aug. 4, 2008

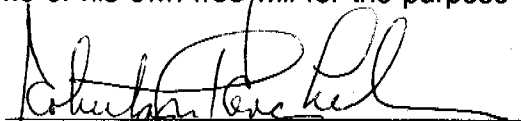

David H. Archer

State of PENNSYLVANIA)
County of ALLEGHENY): ss

Before me this 1st day of JULY, 2008 personally appeared David H. Archer to me personally 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.

[Seal]

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Roberta M. Kenchel, Notary Public
City Of Pittsburgh, Allegheny County
My Commission Expires Apr. 30, 2009
Member, Pennsylvania Association of Notaries


Notary Public

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