



04-13-2005

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| Form PTO-1595 (Rev. 10/02)<br>OMB No. 0651-0027 (exp. 6/30/2005)<br>Tab settings   |  | U.S. DEPARTMENT OF COMMERCE<br>U.S. Patent and Trademark Office   |  |
| <br><b>102875203</b>  |  |   |  |
| To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.  |  |   |  |
| <b>1. Name of conveying party(ies):</b><br><br>Gregory D. Martin<br>Steven J. McGarel<br><br>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |  | <b>2. Name and address of receiving party(ies)</b><br>Name: <u>Pavilion Technologies, Inc.</u><br>Internal Address: _____<br><br>Street Address: <u>10415 Morado Circle, Suite 100</u><br><u>Building III</u><br><br>City: <u>Austin</u> State: <u>TX</u> Zip: <u>78759</u><br><br>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |  |
| <b>3. Nature of conveyance:</b><br><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger<br><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name<br><input type="checkbox"/> Other _____<br><br>Execution Date: <u>March 23, 2005</u>  |  |   |  |
| <b>4. Application number(s) or patent number(s):</b><br>If this document is being filed together with a new application, the execution date of the application is: _____<br>A. Patent Application No.(s) <u>11/028,426</u><br>B. Patent No.(s) _____<br><br>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |  |   |  |
| <b>5. Name and address of party to whom correspondence concerning document should be mailed:</b><br>Name: <u>Howison &amp; Arnott, L.L.P.</u><br>Internal Address: <u>P. O. Box 741715</u><br><u>Dallas, Texas 75374-1715</u><br><br>Street Address: _____<br><br>City: _____ State: _____ Zip: _____  |  | <b>6. Total number of applications and patents involved:</b> <input type="checkbox"/><br><b>7. Total fee (37 CFR 3.41).....\$</b> <u>40.00</u><br><input checked="" type="checkbox"/> Enclosed<br><input type="checkbox"/> Authorized to be charged to deposit account<br><br><b>8. Deposit account number:</b> _____   |  |
| <b>DO NOT USE THIS SPACE</b>   |  |   |  |
| <b>9. Signature.</b><br><br><u>Gregory M. Howison</u><br>Name of Person Signing  |  | <br>Signature<br><br><u>3/31/05</u><br>Date   |  |
| Total number of pages including cover sheet, attachments, and documents: <input type="checkbox"/>  |  |   |  |

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

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PAVI-27,012

PATENT

**ASSIGNMENT**

WHEREAS, we, Gregory D. Martin, a citizen of the United States of America and Steven J. McGarel, a citizen of the United Kingdom, have invented certain new and useful improvements in "KILN CONTROL AND UPSET RECOVERY USING A MODEL PREDICTIVE CONTROL IN SERIES WITH FORWARD CHAINING" for which application for United States Letters Patent was made on January 3, 2005 and assigned Serial No. 11/028,426; and

WHEREAS, Pavilion Technologies, Inc., a corporation of the State of Texas, which has a business address of Building III, 10415 Morado Circle, Suite 100, Austin, Texas 78759, (hereinafter referred to as "Assignee"), is desirous of acquiring our entire right, title and interest in and to the invention, and in and to said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interests are concerned, to said Assignee of our entire right, title and interest.

We also hereby sell and assign to said Assignee, its successors, assigns and legal representatives the full and exclusive right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said Assignee, or to its successors, assigns and legal representatives, any facts known to us respecting any improvements, and, at the expense of said Assignee, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said Assignee and to aid said Assignee, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

**ASSIGNMENT**

Atty. Dkt. No.: PAVI-27,012

Name of First Joint Inventor: **Gregory D. Martin**

Residence (City, County, State): **Georgetown, Williamson, Texas**

Signature: *G. D. Martin*

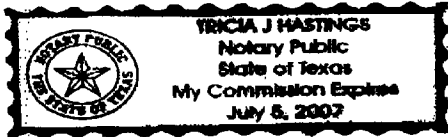
Date: *March 23, 2005*

Date Application Executed:

STATE OF §  
COUNTY OF §

BEFORE ME, a Notary Public, on this 23<sup>rd</sup> day of March, 2005, personally appeared Gregory D. Martin, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed same of his own free will for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL of office this 23<sup>rd</sup> day of March A.D., 2005.



*[Signature]*  
Notary Public

Commission Expires:

**ASSIGNMENT**  
Atty. Dkt. No.: PAVI-27,012

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Name of Second Joint Inventor: **Steven J. McGarel**

Residence (City, County, State): **Austin, Williamson, Texas**

Signature:

Date: *March, 23, 2005*

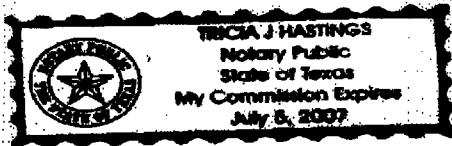
Date Application Executed:

STATE OF TEXAS §

COUNTY OF TRAVIS § ss:

BEFORE ME, a Notary Public, on this 23 day of March, 2005, personally appeared Steven J. McGarel, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed same of his own free will for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL of office this 23<sup>rd</sup> day of March A.D., 2005.



*[Handwritten Signature]*  
Notary Public

Commission Expires:

**ASSIGNMENT**  
Atty. Dkt. No.: PAVI-27,012