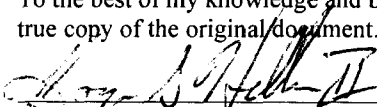


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To the Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Jeffrey Lee Frolik</p> <p>Additional names of conveyed party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): Name: The University of Vermont and State Agricultural College</p> <p>Street Address: 85 South Prospect Street City: Burlington State: Vermont Zip: 05405</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of Conveyance <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: April 27, 2006</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">113007 U.S. PTO 11/413025</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">042706</p>
<p>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 April 27, 2006. A. Patent Application No(s). B. Patent No(s). Serial No.</p> <p style="text-align: right;">Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed: Morgan S. Heller II, Esq. Downs Rachlin Martin PLLC 199 Main Street P.O. Box 190 Burlington, Vermont 05402-0190</p>	<p>6. Total number of applications and patents involved: One</p> <p>7. Total fee (37 CFR 3.41): \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Authorized to charge any deficiencies in the enclosed fees to deposit account</p> <p>8. Deposit account number: 04-1588</p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>
DO NOT USE THIS SPACE	
<p>9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</p> <p> Morgan S. Heller II</p> <p style="text-align: right;">Date <u>4/27/06</u></p> <p style="text-align: right;">Total number of pages, including cover sheet <u>2</u></p>	

05/01/2006 HLE333 00000093 11413025
06 FC:8021 (40.00 OP)

Atty. Docket No.: 02962-00092

ASSIGNMENT

Whereas, I, Jeffrey L. Frolik, residing in Essex Junction, Vermont, have invented a certain new and useful

METHOD OF MAKING A DECISION ON THE STATUS OF A MECHANICAL SYSTEM USING INPUT AND RESPONSE DATA ACQUIRED IN SITU

and have executed a United States Patent Application therefor on April 27, 2006;

And whereas, The University of Vermont and State Agricultural College, of 85 South Prospect Street, Burlington, Vermont (hereinafter called "Assignee"), 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 therefor;

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

I, the above-named, hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

Executed at Rushington Vermont, this 27th day of April,
(city) (state)

2006.


Jeffrey L. Frolik

BTV.479679.1

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