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Docket No.: 0903627-0030

FORM PTO-1595 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp. 5/31/2002)
P08/REV03



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Tab settings → → → 270-05

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Pritpal Singh

Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):

Name: **Villanova University**

Internal Address: _____

Street Address: **800 Lancaster Avenue**

City: **Villanova** State: **PA** ZIP: **19085**

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other **Nunc Pro Tunc Assignment**

Execution Date: **January 31, 2005**

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)
10/127,292

Additional numbers attached? Yes No

B. Patent No.(s)
6,011,379
6,456,988
6,691,095
6,668,247

OPR/FINANCE
FEB 10 PM 12:52

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Robert A. McKinley, Esq.**

Internal Address: **Schnader Harrison Segal & Lewis LLP**

Street Address: **1600 Market Street, Suite 3600**

City: **Philadelphia** State: **PA** ZIP: **19103**

6. Total number of applications and patents involved: **06**

7. Total fee (37 CFR 3.41):.....\$ **240.00**

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account **240E**

8. Deposit account number:
13-3405

(Attach duplicate copy of this page if paying by deposit account)

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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.

Robert A. McKinley (Reg. No. 43,793)

Name of Person Signing

February 8, 2005

Signature

Date

Total number of pages including cover sheet, attachments, and document: **04**

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments

REEL: 016237 FRAME: 0978

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NUNC PRO TUNC ASSIGNMENT

WHEREAS, Pritpal Singh, an individual residing at 130 Moore Drive, Media, Pennsylvania, ("Singh"), is a joint inventor of and has rights, titles and interests in and to the inventions that are the subject of:

1. U.S. Patent No. 6,011,379, titled A Method for Determining State-of-Charge Using an Intelligent System, filed in the United States Patent and Trademark Office ("USPTO") on March 12, 1998;
2. U.S. Patent No. 6,456,988, titled A Method for Determining State-of-Health Using an Intelligent System, filed in the USPTO on March 12, 1998;
3. U.S. Patent No. 6,691,095, titled A Method and System for Determining the State of Health of a Fuel Cell Using an Intelligent System, filed in the USPTO on April 15, 2002;
4. U.S. Patent No. 6,668,247, titled A Method and System for Determining the State of Health of a Lead-Acid Defibrillator Battery Using an Intelligent System, filed in the USPTO on April 15, 2002;
5. U.S. Patent No. 6,765,363, titled Micro Power Supply with integrated Charging Capability, filed in the United States Patent and Trademark Office ("USPTO") on June 5, 2002; and
6. U.S. Patent Application No. 10/127,292, titled Method and System for Determining State-of-Health of a Nickel-Metal Hydride Battery Using an Intelligent System, filed in the USPTO on April 22, 2002, and which was published as United States Patent Publication No. 20030074335;

collectively hereinafter ("Patents and Patent Application");

WHEREAS, Singh acknowledges that, at the time of conception of the inventions that are the subject of the Patents and Patent Application and thereafter, he had a duty and contractual obligation to assign such inventions to Villanova University, a Pennsylvania Corporation having its principal offices at 800 Lancaster Avenue, Villanova, Pennsylvania 19085 ("Villanova");

WHEREAS, Singh is desirous of conveying *nunc pro tunc* to Villanova all of his rights, titles and interests to such Patents and Patent Application; and

WHEREAS, Villanova is desirous of receiving *nunc pro tunc* from Singh all of Singh's rights, titles and interests to such Patents and Patent Application;

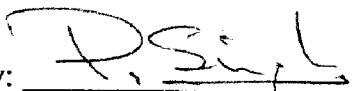
NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged:

Pritpal Singh, intending to be legal bound, does hereby sell, assign, and transfer to Villanova University, *nunc pro tunc* as of the filing date of each invention of each of the Patents and Patent Application, his entire, right, title, and interest in and to the inventions embodied in the Patents and Patent Application, including all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention in the United States of America and in any and all foreign countries, and including the right of action, and to recover and have damages and profits for past infringement of the Patents and Patent Application, if any, prior to the execution date of this Nunc Pro Tunc Assignment;

It is agreed that Singh shall be legally bound, upon request of Villanova, or its successors, assigns or a legal representative thereof, to supply all information and evidence of which Singh has knowledge or possession, relating to the making and practice of said inventions, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the inventions in the United States of America and foreign countries in the name of the Villanova, and to execute all instruments proper to carry out the intent of this instrument.

The rights conveyed herein to Singh are free of any security interest, lien or other encumbrance.

IN WITNESS WHEREOF, executed on 31st day of January, 2005.

By: 
Name: Pritpal Singh
Title: Associate Professor

Date: Jan 31 2005
Time: 3:15 pm

Witness: 