04-30-2002 Form PTO-1595 U.S. DEPARTMENT OF COMMERCE (Rev. 03/01) U.S. Patent and Trademark Office OMB No. 0651-0027 (exp. 5/31/2002) 102073182 Tab settings ⇔ ⇔ ⇔ To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name of conveying party( ies): 2. Name and address of receiving party( ies) Name: University of Pittsburgh Marlin H. Mickle, Dimitry Gorodetsky, Leonid Mats, Lorenz Neureuter, Minhong Mi, Carl Taylor, Chad Emahizer Internal Address: 4-17-02 Additional name(s) of conveying partyles) attached? Yes Vo 3. Nature of conveyance: ✓ Assignment Merger Street Address: \_911 William Pitt Union Security Agreement Change of Name Other\_\_\_\_\_ City: Pittsburgh State: PA Zip: 15260 Execution Date: 3/21/02; 3/22/02; 3/28/02; 4/2/02 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: A. Patent Application No.(s) B. Patent No.(s) -Additional numbers attached? Yes ✓ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: 40.00 7. Total fee (37 CFR 3.41).....\$\_\_\_\_ Arnold B. Silverman, Esquire Enclosed Internal Address:\_\_\_\_\_ Authorized to be charged to deposit account Eckert Seamans Cherin & Mellott, LLC 8. Deposit account number: Street Address: 600 Grant Street, 44th Floor 02-2556 (Attach duplicate copy of this page if paying by deposit account). State: PA \_\_\_Zip:\_ City: Pittsburgh

DO NOT USE THIS SPACE

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.

true copy of the original document

Arnold B. Silverman

Signature Statemen

04/09/2002

Name of Person Signing

09951032

Signature

Date

Total number of pages including cover sheet, attachments, and documents 10

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

04/29/2002 GTDN11 01 FC:581

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PATENT REEL: 012828 FRAME: 0292

## ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, MARLIN H. MICKLE, having an address at 4601 Fifth Avenue, Apartment #723, Pittsburgh, Pennsylvania 15213, a citizen of the United States of America; DIMITRY GORODETSKY, having an address at 916 Lilac Street, Pittsburgh, Pennsylvania 15217, a citizen of the United States of America; LEONID MATS, having an address at 6648 Beacon Street, Pittsburgh, Pennsylvania 15217, a citizen of the United States of America; LORENZ NEUREUTER, having an address at 1281 Wheatland Avenue, Lancaster, Pennsylvania 17603, a citizen of the United States of America; MINHONG MI, having an address at 3 Oakland Square #1, Pittsburgh, Pennsylvania 15213, a citizen of China; CARL TAYLOR, having an address at 4720 Centre Avenue, #2C, Pittsburgh, Pennsylvania 15213, a citizen of the United States of America; and CHAD EMAHIZER, having an address at 401 Lee Drive, Pittsburgh, Pennsylvania 15235, a citizen of the United States of America, (herein "Assignors").

Hereby sell, assign and transfer to the University of Pittsburgh of the Commonwealth System of Higher Education, a non-profit Pennsylvania corporation, having a place of business at 911 William Pitt Union, Pittsburgh, Pennsylvania 15260, in the County of Allegheny and Commonwealth of Pennsylvania, its successors, assigns and legal representatives, our entire right, title and interest, for all countries, in and to any and all improvements which are disclosed and claimed, and any and all improvements which are disclosed but not claimed, in the enclosed United States Patent Application entitled APPARATUS FOR ENERGIZING REMOVE STATION AND RELATED METHOD (which is a continuation-in-part of United States Application Serial No. 09/218,322 filed December 22, 1998, now U.S. Patent 6,289,237) 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 on any of said improvements disclosed in said application; and in and to all original and reissued patents which have been or shall be issued on said improvements;

Authorize and request the Commissioner of Patents and Trademarks to issue to said

- 1 of 8 -

Assignee, the University of Pittsburgh of the Commonwealth System of Higher Education, its successors, assigns and legal representatives, in accordance with this Assignment, any and all United States Letters Patent on said improvements, or any of them, disclosed in said application;

Agree 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 we will, for all countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths and other papers; communicate to said Assignee, it successors, assigns, and representatives, all facts known to us relating to said improvements and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing 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;

Covenant with said Assignee, its successors, assigns and legal representatives that we have made to others no assignment, grant, mortgage, license or other agreement affecting the rights and property conveyed, and that we have full right to convey the same as herein expressed.

EXECUTED_	3/21/	, 2002	
			MARLIN H. MICKLE
State of PA		) > gg.	

County of ALBERT

Before me, a Notary Public in and for the said County and State, personally appeared MARLIN MICKLE, who acknowledged that he/she is the person who executed the foregoing assignment and acknowledged it to be his/her free and voluntary act and deed.

Witness my hand and notarial seal this 21 day of March, 2002.

Notary Public, 2002.

- 2 of 8 - Marcia Lasky, Notary Public Pittsburgh, Allegheny County

PATENT REEL: 012828 FRAME: 0294

EXECUTED 3/22, 2002	My commission expires:  Dmiry Aw-
	DMITRY GORODETSKY
State of PA)	
County of ALLEGHENY)	

Before me, a Notary Public in and for the said County and State, personally appeared **DMITRY GORODETSKY**, who acknowledged that he/she is the person who executed the foregoing assignment and acknowledged it to be his/her free and voluntary act and deed.

Witness my hand and notarial seal this \_22 day of March , 2002.

Notary Public

My commission expires:

Notarial Seal
Marcia Lasky, Notary Public
Pittsburgh, Allegheny County
My Commission Expires Sept. 8, 2003

Mambas Banamaharin According Notaries

EXECUTED_ 3/38	, 2002	matel
		LEONID MATS
State of PA )	) ) SS:	
County of ALLEGHENY	<b>)</b>	

Before me, a Notary Public in and for the said County and State, personally appeared LEONID MATS, who acknowledged that he/she is the person who executed the foregoing assignment and acknowledged it to be his/her free and voluntary act and deed.

Witness my hand and notarial seal this <u>38</u> day of <u>Marcis</u>, 2002.

My commission expires:

Notarial Seal Marcia Lasky, Notary Public Pittsburgh, Allegheny County My Commission Expires Sept. 8, 2003

Member, Pennsylvania Association of Notaries

LORENZ NEUREUTER

Before me, a Notary Public in and for the said County and State, personally appeared LORENZ NEUREUTER, who acknowledged that he/she is the person who executed the foregoing assignment and acknowledged it to be his/her free and voluntary act and deed.

Witness my hand and notarial seal this 22 day of MARCH, 2002.

Marcin Lasky

My commission expires:

**Notarial Seal** Marcia Lasky, Notary Public Pittshurgh, Allegheny County My Common Jun Expires Sept. 8, 2003

Member, Fernandwarea Association of Notaries

EXECUTED_	3/22	_, 2002	

Minhong M

State of PA )

County of ALECHENY )

Before me, a Notary Public in and for the said County and State, personally appeared MINHONG MI, who acknowledged that he/she is the person who executed the foregoing assignment and acknowledged it to be his/her free and voluntary act and deed.

Witness my hand and notarial seal this 22 day of MARCH, 2002.

Notary Public

My commission expires:

Notarial Seal
Marcia Lasky, Notary Public
Pittsburgh, Alfagheny County
My Commission Fedires Sept. 8, 2003

Member, Pennsylvania Association of Notaries

EXECUTED	3/22	2002
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CARL TAYLOR

State of <u>PA</u> )

County of ALLECHENY )

Before me, a Notary Public in and for the said County and State, personally appeared CARL TAYLOR, who acknowledged that he/she is the person who executed the foregoing assignment and acknowledged it to be his/her free and voluntary act and deed.

Witness my hand and notarial seal this 22 day of MARCH, 2002.

Notary Public

My commission expires:

Noterial Seal Marcia Lasky, Notery Public Pittsburgh, Allegheny County My Commission Expires Sept. 8, 2003

Member, Pendevivaria Association of Notaries

EXECUTED	4/02	, 2002

Chal Covery

State of PA ) SS:
County of PUECHENY )

**RECORDED: 04/17/2002** 

Before me, a Notary Public in and for the said County and State, personally appeared CHAD EMAHIZER, who acknowledged that he/she is the person who executed the foregoing assignment and acknowledged it to be his/her free and voluntary act and deed.

Witness my hand and notarial seal this 2<sup>nd</sup> day of APRIL, 2002.

Maren Lashy

My commission expires:

Notarial Seal
Marcia Lasky, Notary Public
Pittsbatch, Allegheny County
My Commission Expires Sept. 8, 2003

Member, Pennsylvania Association of Notaries

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**PATENT** REEL: 012828 FRAME: 0300