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HEET U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARKE OFFICE

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.	
Name of conveying part(ies):	2. Name and address of receiving part(ies):
Christy K. Holland Daniel S. Kanter Lawrence J. Busse	University of Cincinnati
Kenneth R. Wagner	Internal Address: Room G-7 - Wherry Hall Mail Location 0829
Additional name(s) of conveying parties attached?   Yes   No	Man Bottlion 902
3. Nature of Conveyance:  Assignment Merger  Security Agreement Change of Name	Street Address:
Other:	City: Cincinnati State: Ohio Zip: 45267
Execution Date:	Additional name(s) and address(es) attached? ☐ Yes ☒ No
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) [01] 777
PC1/US00/30104	
	rs attached?  Yes No
Names and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: [1]
	7. Total Fee (27 CFR 3.41) \$ 40.00
Name: Stephen S. Wentsler	
	Enclosed
Internal Address: Dinsmore & Shohl LLP	Please charge any deficiencies or credit any overpayment to deposit account
Street Address: 1900 Chemed Center	Authorization to be charged to deposit account
255 East Fifth Street	8. Deposit Account Number:
City: Cincinnati State: Ohio Zip: 45202	beposit recount ramour.
City. Cincillati State. Onto 21p. 43202	04-1133 (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.	
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Stephen S. Wentsler; Reg. No. 46,403 Name of Person Signing, Registration Number	Signature April 26, 2002
	Total Number of pages including cover sheet [4]
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Date of Deposit: April 26, 2002

Abril 20, 2 "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Box Assignment; Commissioner for Patents; Washington, DC 20231.

## **ASSIGNMENT**

WHEREAS, WE, Holland, Christy K., 2991 Observatory Avenue, Cincinnati, Ohio 45208; Kanter, Daniel S., 7010 Beech Hollow Drive, Cincinnati, Ohio 45236; Busse, Lawrence J., 345 Longmeadow Lane, Ft. Mitchell, Kentucky 41017; and Wagner, Kenneth R., 3966 Brockton Drive, Cincinnati, Ohio 45251 (hereinafter referred to as "ASSIGNORS"), have invented **Transcranial Ultrasound Thrombolysis System and Method of Treating a Stroke**, for which PCT International Application Serial No. PCT/US00/30104 filed November 1, 2000; and

WHEREAS, University of Cincinnati, of Cincinnati, Ohio, a nonprofit organization duly organized and existing under the laws of the State of Ohio, (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, said ASSIGNORS, hereby sell, assign, and transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under said invention, and said United States application and all divisions, renewals, and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues, reexaminations and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals, reexaminations and reissues thereof;

ASSIGNORS HEREBY authorize and request the Director of the United States Patent and Trademark Office, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

ASSIGNORS HEREBY grant the firm of DINSMORE & SHOHL LLP the power to insert in this Assignment any further identification or information which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

ASSIGNORS HEREBY covenant and agree that they have full right to convey the entire interest herein assigned, and that they have not executed, and will not execute, any agreement in conflict herewith.

ASSIGNORS HEREBY further covenant and agree that they will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to them respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, reexamination and foreign applications, make all rightful oaths, and generally do everything possible to aid said ASSIGNEE, its successors, legal

PATENT REEL: 012996 FRAME: 0805 representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

Date: 4 15 02	Christy K. Holland
STATE OF One ) ss ) ss ) ss ) ss ) Swords of County OF Hamilton ) Swords of Child SHARON ORR Notary Public, State of Ohio My Commission Expires 06-24-05	
Date: 4/17/02	Daniel S. Kanter
STATE OF Ohid  COUNTY OF Hamilton  ss  with	/
SHARON ORR Notary Public, State of Ohio Fily Commission Expires 06-24-05	Notary Public , 2002.
Date: 4/11/32-	Lawrence J. Busse
STATE OF Ohio	
COUNTY OF Hamilton) ss	
Sworn to and subscribed before me this 17th da	Sharm Shr.
SHARON ORR Notary Public, State of Ohio Commission Expires 06-24-05	Notary Public

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STATE OF Office

COUNTY OF Hamilton

Sworn to and subscribed before me this 1th day of for 1, 2002.

Notary Public

SHARON ORR Notary Public, State of Ohio My Commission Expires 08-24-05