

Rev 05/03

12-23-2003

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

102630251

To the Honorable Commissioner of P  
thereof.

The attached original documents or copy

## 1. Name of conveying party(ies)

Carey M. Rappaport  
Paul Wang  
Zeji Gu

12.19.03

Additional name(s) of conveying party(ies)  
attached? ☐ Yes ☒ No

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

Name: NORTHEASTERN UNIVERSITY

Internal Address:

Street Address: 360 Huntington Avenue

City: Boston State: MA Zip: 02115

Country:

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

## 3. Nature of conveyance:

☒ Assignment ☐ Merger☐ Security Agreement ☐ Change of  
Name☐ OtherExecution Date: 9/4/01; 12/15/03 and  
12/11/03 respectively

## 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) 09/924,927 B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom  
correspondence concerning document should  
be mailed:Weingarten, Schurgin,  
Gagnebin & Lebovici LLP  
Ten Post Office Square  
Boston, Massachusetts 02109

## 6. Total number of applications and patents

Involved [1]

## 7. Total fee (37 CFR 3.41)....\$40.00

☒ Enclosed☐ Authorized to be charged to deposit account

## 8. Deposit account number:

(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.Attorney Name: Stanley M. Schurgin  
Registration No. 20,979

Signature: \_\_\_\_\_

Date: 12/16/03

Total number of pages including cover sheet, attachments, and document: [5]

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

Mail Stop Assignment Recordation Services

Director of U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT  
REEL: 014807 FRAME: 0474

NU-507AX

PATENT

A S S I G N M E N T

In consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, we

Carey M. Rappaport, residing at 7 Bradford Road  
Wellesley, MA 02481;

Paul Wang, residing at 209 Middlesex Road  
Chestnut Hill, MA 02407; and

Zeji Gu, residing at ~~14 Massachusetts Avenue~~ *16 Fairland Street*  
Lexington, MA 02420 *Lexington, MA 02421*

hereby sell and assign to NORTHEASTERN UNIVERSITY, a Massachusetts corporation, having a principal place of business at 360 Huntington Avenue, Boston, MA 02115, its successors and assigns, the entire right, title and interest, including the right to claim priority under the International Convention, throughout the United States, its territories and all foreign countries in and to our invention(s) in

**WIDE-APERTURE CATHETER-BASED MICROWAVE CARDIAC ABLATION ANTENNA**

and the United States Letters Patent therefor filed on August 8, 2001, Application No. 09/924,927, and any such patents as may issue thereon, and all divisions, reissues and continuations thereof.

And we hereby covenant that we have full right to make such assignment, and agree for ourselves and our executors and administrators that we will, at the expense of said NORTHEASTERN UNIVERSITY, execute all applications for patents in foreign countries, execute all divisional, continuing, reissue and re-examination applications, make all rightful oaths, sign all lawful papers, testify in any proceeding in which said invention or any application or patent directed thereto may be involved, and generally do everything possible to aid said NORTHEASTERN UNIVERSITY, its successors and assigns, to obtain and enforce proper patent protection for said invention(s) in the United States, its territories and all foreign countries.

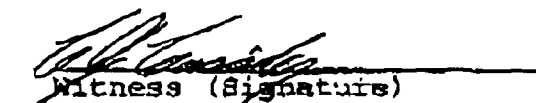
NU-507AX

And we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent on said invention or resulting therefrom to NORTHEASTERN UNIVERSITY, its successors and assigns.

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals.

  
Carey M. Rappaport

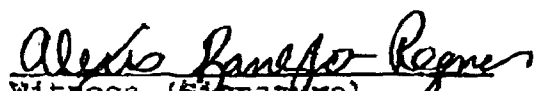
Date: 9/4/01

  
Witness (Signature)

Date: 9/4/01

  
Paul Wang

Date: 12/15/03

  
Witness (Signature)

Date: 12/15/03

Zeji Gu

Date: \_\_\_\_\_

Witness (Signature)

Date: \_\_\_\_\_

256210

NU-507AX

PATENT

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In consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, we

Carey M. Rappaport, residing at 7 Bradford Road  
Wellesley, MA 02481;

Paul Wang, residing at ~~209 Middlesex Road~~ 12776 RODANI CT  
~~Chestnut Hill, MA 02407~~; and SARATOGA, <sup>PW</sup> ~~AT C~~  
95070

Zeji Gu, residing at 14 Massachusetts Avenue  
Lexington, MA 02420

hereby sell and assign to NORTHEASTERN UNIVERSITY, a Massachusetts corporation, having a principal place of business at 360 Huntington Avenue, Boston, MA 02115, its successors and assigns, the entire right, title and interest, including the right to claim priority under the International Convention, throughout the United States, its territories and all foreign countries in and to our invention(s) in

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IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals.

  
Carey M. RappaportDate: 9/4/01  
Witness (Signature)Date: 9/4/01

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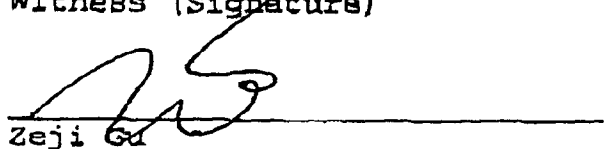
Paul Wang

Date: \_\_\_\_\_

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Witness (Signature)

Date: \_\_\_\_\_

  
Zeji GuDate: 12/11/03  
Witness (Signature)Date: 12/11/03

256210