FORM PTO-1595 (Rev. 6-93) Attorney Docket No.: 58568 PCT (71699)

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

SHEET

9-203 RECC

102541551 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): A. Gabor FICHTINGER Name: The Johns Hopkins University B. Ergin ATALAR C. Louis Litchfield WHITCOMB Address: 3400 N. Charles Street D. Robert Charles SUSIL Baltimore, Maryland 21218 E. Axel KRIEGER F. Attila TANACS Additional name(s) & address(es) attached? ☐ Yes ☑ No Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No 3. Nature of Conveyance: ✓ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name Execution Date: August 8, 2003 and August 22, 2003 4. Application number(s) or patent number(s): PCT/US03/12253 filed April 22, 2003 If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No(s): Additional numbers attached? Yes 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: [1] concerning document should be mailed: William J. Daley, Jr. (Reg. No.: 35,487) Street Address: EDWARDS & ANGELL, LLP P.O. Box 9169 City: **Boston** State: MA Zip: 02209 7. Total fee (37 CFR 3.41):....\$40.00 09/03/2003 DBYRNE 00000047 PCT/US03/12253 Authorized to be charged to deposit account for bi FC:8021 40.00 OF additional or excess fees. 8. Deposit account number: 04-1105 (Attach duplicate copy of this page if paying by deposit account) 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. William J. Daley, Jr., Reg. No. 35,487 August 29, 2003 Name of Person Signing Date Total number of pages including cover sheet, attachments, and documents: 8 OMB No. 0651-0011 (exp. 4/94)

Docket No. 58568 PCT (71699)

ASSIGNMENT

WE, Gabor Fichtinger, Ergin Atalar, Louis Litchfield Whitcomb, Robert Charles Susil, Axel Krieger and Attila Tanacs, for good and valuable consideration from The Johns Hopkins University, having its principal place of business at 3400 N. Charles Street, Baltimore, Maryland 21218 hereinafter called the Assignee, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in, to and under an application for Letters Patent of the United States Serial No. PCT/US03/12253 filed on April 22, 2003 for improvements in the APPARATUS FOR INSERTION OF A MEDICAL DEVICE WITHIN A BODY DURING A MEDICAL IMAGING PROCESS AND DEVICES AND METHODS RELATED THERETO priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, in any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent.

And for the above consideration WE agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto.

The undersigned agree(s) to furnish all pertinent facts and documents relating to said application, said invention and said patent(s) as may be known and accessible to the undersigned, and will testify as to the same in any interference or litigation related thereto, and will promptly execute and deliver to Assignee any and all papers, instruments or affidavits necessary or desirable to apply for, obtain, maintain or enforce said application or said patent(s) in connection with any interference which may be declared, and any litigation concerning this application or any continuation, division or reissue thereof or Patent(s) or reissue patent(s) issued thereon, and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

PATENT REEL: 014440 FRAME: 0962 The undersigned hereby authorize(s) and request(s) the Commissioner for Patents to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he or she has the full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants Edwards & Angell, LLP of P.O. Box 9169, Boston, MA 02209, U.S.A. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark, Office for recordation of this document.

I, Gabor Fichtinger, hereunto set my hand and seal this 31	day of August , 2003.
Gabor	Echtinger Ticket
Commonwealth [State] of Maryland	
County of Baltinuse ss.	•
Before me this day of August Fichtinger, who is to me personally known, and acknowled assignment to be his free act and deed.	_, 2003, personally appeared Gabor ged the foregoing instrument of
Not	low Kardin Just ary Public Tean Kajden Pug
My Commission Expires: June	

PATENT REEL: 014440 FRAME: 0963

I, Ergin Atalar, hereunto set my hand and seal this <u>S</u> day of <u>Augus</u> , 2003. Ergin Atalar
Commonwealth [State] of Maryland
County of Balt more ss.
Before me this 8 day of 0000 , 2003, personally appeared Ergin Atalar, who is to me personally known, and acknowledged the foregoing instrument of assignment to be his free act and deed.
Notary Public My commence expres 09/13/0

I, Louis Litchfield Whitcomb, hereunto set my hand and seal this 22 day of AUGUST
Louis Litchfield Whitcomb
MADVIBAIT
Commonwealth [State] of MARYLAND
County of BACTI MORE ss.
Before me this 22 day of AUGUST , 2003, personally appeared Louis
Litchfield Whitcomb, who is to me personally known, and acknowledged the foregoing
instrument of assignment to be his free act and deed.
Notary Public

PATENT

REEL: 014440 FRAME: 0965

I, Robert Charles Susil, hereunto set my hand and seal this 8 day of August, 2003.
Robert Charles Susil
Commonwealth [State] of Hary land
County of Battingore ss.
Before me this & day of
My Commission Expires: June 1, 2006

I, Axel Krieger, hereunto set my hand and seal this <u>S</u> day of <u>August</u> , 2003.	
Axel Krieger	
Commonwealth [State] of Mary/and	
County of Ralt vnu re ss.	
Before me this <u>Wh</u> day of <u>Pugust</u> , 2003, personally appeared Axel Krieger, who is to me personally known, and acknowledged the foregoing instrument of assignment to be his free act and deed.	
Jean Kajder Pugh Notary Public	
1. Paris France 1, 2006	

I, Attila Tanacs, hereunto set my hand and seal this Sth day of AUGHST, 2003.

Attila Tanacs

Auna Tanacs

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