FORM PTO-1595		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		
1-31-92 - 26 03 RE	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Patent and Trademark Office		
Docket No. 895 675-173				
Docket No. 895,675-173 102541070 To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.				
Name of conveying party(ies):	Name and address of rec	eiving party:		
Jon D. Klingensmith, D. Geoffrey Vince, Anuja Nair, and Barry D. Kuban	Name: The Cleveland Clinic	c Foundation O		
Additional name(s) of conveying party(ies) attached? Internal Address:		3.5		
☐ Yes ☒ No	micrial Address.			
3. Nature of conveyance: ☐ Assignment ☐ Merger	City: State: Zip:	**************************************		
Security Agreement Change of Name		110		
	Street Address: 9500 Euclid	d Avenue		
☐ Other	O' Ob should Obstan	OLL 7:n. 4440E		
5	City: Cleveland State:	OH Zip: 44195		
Execution Date: August 26, 2003	Additional name(s) & 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: August 26, 2003				
A. Patent Application No(s).:	B. Patent No(s).:			
10/649473 Additional numbers attached? ☐ Yes ☒ No				
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applicat	ions and patents involved: 1		
Name: John Kappos	7. Total fee (37 CFR 3.41):	\$ 40.00		
Internal Address: O'Melveny & Myers LLP				
114 Pacifica, Suite 100	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	t Account if any additional fee is		
Irvine, CA 92618-3315	required			
	8. Deposit Account Numbe	r: 50-0639		
DO NOT USE THIS SPACE				
9. Statement and signature:				
To the best of my knowledge and belief, the foregoing informa original document.	tion is true and correct and any	attached copy is a true copy of the		
original document.				
John Kaggers	Date: <u>August 26, 2003</u>	3		
Joan Kappos, Reg. No. 37,861				
29/2003 SSITHIB1 00000040 10649473 Total number of pages including cover sheet: _4_				
FC:8021 40.00 0P				
OMB No. 0651-0011 (exp. 4/94)				
Do not detach this portion				
Mail documents to be recorded with required cover sheet information to: Director — U.S. Patent and Trademark Office				
Box Assignments				
Washington, D.C. 20231				
Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded,				
including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet.				
Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011),				

IR1:1046915.1

Washington, D.C. 20503

EXPRESS MAILING LABEL NO. EV337190495US

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, WE, JON D. KLINGENSMITH, citizen of the U.S.A., D. GEOFFREY VINCE, citizen of the United Kingdom, ANUJA NAIR, citizen of India, and BARRY D. KUBAN, citizen of the U.S.A., having a place of business at The Cleveland Clinic Foundation, 9500 Euclid Avenue, Cleveland, Ohio 44195, (hereinafter referred to as "ASSIGNORS"), have invented SYSTEM AND METHOD FOR IDENTIFYING A VASCULAR BORDER for which application for Letters Patent of the United States of America is filed herewith; and

WHEREAS, THE CLEVELAND CLINIC FOUNDATION, a non-profit institution organized and existing under and by virtue of the laws of the State of Ohio and having its principal place of business at 9500 Euclid Avenue, Cleveland, Ohio 44195 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto, to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue

IR1:1046909.1

EXPRESS MAILING LABEL NO. EV337190495US

Patent Attorney Docket 895,675-173

said Letters Patent or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention, and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, the ASSIGNOR has executed this Assignment at:

Cleve	land	Heigh	ts, Ohio
<u> </u>	Territor	LICIALI	to, Ollio

NOTARY PUBLIC .

ommission has no expiration date Section 147.03 O.R.C.

Patent Attorney Docket 895,675-173

Shaker Heights, Ohio

DAVID JAMES STEIN, ATTY,
NOTARY PUBLIC • STATE OF OHIO
My commission has no expiration date
Section 147.03 O.R.C.

Avon Lake, Ohio

Barry D. Kuban

8/21/03 DAVID JAMES STEIN, ATTY.
NOTARY PUBLIC • STATE OF OHIO
My commission has no expiration date
Section 147.03 O.R.C.

3 of 3

IR1:1046909.1

PATENT REEL: 014440 FRAME: 0927

RECORDED: 08/26/2003