FORM PTO-1619A Expires 06/30/99 OMB 0651-0027	06-17	-1999			S. Department of Commerce Itent and Trademark Office PATENT		
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6.N			OVER SHEET		Ref.: 20076-11		
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Name (line 1) Robert E. Michler	·····				03/15/99		
Name (line 2)] 		
Second Party Name (line 1) Shunichi Homma			· · · · · · · · · · · · · · · · · · ·	······	Execution Date Month Day Year		
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Receiving Party Mark if additional names of receiving parties attached							
Name (line 1) The Trustees of Columbia University in the City of New York							
Name (line 2)					receiving party is not domiciled in the United States on appointment		
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FORM PTO-1619B Expires 06/30/99 OMB 0651-0027 Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT				
Correspondent Name and Address Area Code and Telephone Number					
Name William H. Dippert, Esq.					
Address (line 1) Cowan, Liebowitz & Latman, P.D.					
Address (line 2) 1133 Avenue of the Americas					
Address (line 3) New York, NY 10036-6799					
Address (line 4)					
Pages Enter the total number of pages of the attached convincluding any attachments.	eyance document # 4				
Application Number(s) or Patent Number(s)	Mark if additional numbers attached				
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER Patent Application Number(s)					
09/242/969	Patent Number(s)				
If this document is being filed together with a <u>new</u> Patent Application, enter the date th signed by the first named executing inventor.	e patent application was Month Day Year				
Patent Cooperation Treaty (PCT)					
Enter PCT application number					
only if a U.S. Application Number PCT has not been assigned.	PCT PCT				
Number of Properties Enter the total number of properties i	involved. # 1				
Fee Amount Fee Amount for Properties Listed (37	CFR 3.41): \$ 80.00				
Method of Payment: Enclosed X Deposit Acc	ount				
(Enter for payment by deposit account or if additional fees can be charged to the Deposit Account Number:	e account.) # 03-3415				
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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. Charges to deposit account are authorized, as indicated herein.					
William H. Dippert William H. S.	inut 6/7/99				
Name of Person Signing Signature	Date				

PATENT REEL: 010021 FRAME: 0577

<u>ASSIGNMENT</u>

In consideration for One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned

ROBERT E. MICHLER and SHUNICHI HOMMA

Hereby sell, assign and transfer to The Trustees of Columbia University in the City of New York, a corporation of the State of New York, having a place of business at West 116th Street & Broadway, New York, in the County of New York and State of New York 10027, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to our invention entitled

ENDOVASCULAR FLEXIBLE STAPLING DEVICE

and in and to any and all corresponding inventions which are disclosed and claimed, or disclosed but not claimed, in PCT Patent Application Serial No. PCT/US97/14772, filed August 22, 1997, and U.S. Patent Application Serial No. 09/242,969, filed February 22, 1999, and any patent to be granted thereon, and all divisional, continuing, substitute, renewal, reissue, reexamination, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent and other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and 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

Page 1 of 2

WHD/BBB/20076/11/351138.1

PATENT REEL: 010021 FRAME: 0578 assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, reexamination, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions 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 inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN WITNESS WHEREOF, we have hereunto set ourhand and seal:

En Ocusi

Date: March (x, 1999

Robert E. Michler

Witness: <u>Vinda Kusson</u> Signature

LINDA Grissom Print or Type Witness Name

Date: March ____, 1999

Shunichi Homma

[L.S.]

Witness: ______ Signature

Print or Type Witness Name

Page 2 of 2

<u>ASSIGNMENT</u>

In consideration for One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned

ROBERT E. MICHLER and SHUNICHI HOMMA

Hereby sell, assign and transfer to The Trustees of Columbia University in the City of New York, a corporation of the State of New York, having a place of business at West 116th Street & Broadway, New York, in the County of New York and State of New York 10027, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to our invention entitled

ENDOVASCULAR FLEXIBLE STAPLING DEVICE

and in and to any and all corresponding inventions which are disclosed and claimed, or disclosed but not claimed, in PCT Patent Application Serial No. PCT/US97/14772, filed August 22, 1997, and U.S. Patent Application Serial No. 09/242,969, filed February 22, 1999, and any patent to be granted thereon, and all divisional, continuing, substitute, renewal, reissue, reexamination, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent and other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and 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

Page 1 of 2

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PATENT REEL: 010021 FRAME: 0580 assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, reexamination, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions 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 inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN WITNESS WHEREOF, we have hereunto set ourhand and seal:

Date: March ____, 1999

Robert E. Michler

_ [L.S.]

[L.S.]

Witness: ____

Signature

Print or Type Witness Name

Date: March <u>20</u>, 1999

Shunichi Homma

Signature <u>TOLO</u> Print or Type Witness Name

Page 2 of 2

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PATENT REEL: 010021 FRAME: 0581

RECORDED: 06/10/1999