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ORM PTO-1595 U.S. FEB 2 1 Rev. 6-93) DMB No. 0651-0011 (exp. 454)	2002 =) 1019	998425	DEPARTMENT OF COMMERCE Patent and Trademark Office
	for Patents : Please record	the attached original doc	uments or copy thereof.
Name of conveying party(ies): Russell F. Collins, Gary S. Steven J. Burns, Denyse M. Co Gibson, Ding Sheng He, Paul E Patterson, Stephen W. Sagon, a	llins, Charles A. . LeClair, Donald F.	2. Name and addres Name: Internal Address:	s of receiving party(ies) C.R. Bard, Inc.
dditional name(s) of conveying party(ies	) attached? [ ] Yes [X] No		
Nature of conveyance:	2-21-02	Street Address:	730 Central Avenue
[X] Assignment [	] Merger		Murrary Hill, NJ 07974
[] Security Agreement [	] Change of Name		
[] Other		Additional name(s) & ac	ldresses(es) attached? [ ] Yes [X] No
xecution Date: 12/4/01; 12/5/01; /25/02; and 1/28/02	12/11/01; 1/7/02;		
Application number(s) or patent i	number(s):	**************************************	
If this document is being filed tog	ether with a new application	the execution date of th	ne application is
A. Patent Application No.(s) 09/845,022		B. Patent No.(s	
00/040,022			
	Additional numbers a	ttached? [ ] Yes [X] No	
Name and address of party to whe Concerning document should be		6. Total number of a	oplications and patents involved: [1]
Name: James H. Morris Address: WOLF, GREENFII		7. Total fee (37 CFR	3.41) <b>\$ 40.00</b>
Federal Reserve F	•	[X] Enclosed	
600 Atlantic Avenu		[] Authorized to ]	pe charged to deposit account
Boston, MA 02210	, ,		authorized to charge:
			-
		8. Deposit Account	No: 23/2825
	DO NOT USE	THIS SPACE	
. Statement and signature To the best of my knowledge an riginal document.	d belief, the foregoing information	ation is true and correct	and any attached copy is a true copy of th
James H. Morris	Same	4	January 28, 2002
Name of Person Signing	Signati	Jre	Date
	er of pages including cover s		document: [16]
	ocuments to be recorded with	n required cover sheet i	
	Honorable Comm	signment issioner of Patents, n, D.C. 20231	

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#### B1075/7012 JHM

### ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned Russell F. Collins, Gary S. Falwell, Eric A. Bene, Steven J. Burns, Denyse M. Collins, Charles A. Gibson, Ding Sheng He, Paul E. LeClair, Donald F. Patterson, Stephen W. Sagon, and Pierre Jais hereby

Sell, assign and transfer to C.R. Bard, Inc., a New Jersey corporation having a place of business at 730 Central Avenue, Murray Hill, New Jersey 07974, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on April 27, 2001 under Serial No. 09/845,022 and entitledAPPARATUS AND METHODS FOR MAPPING AND ABLATION IN ELECTROPHYSIOLOGY PROCEDURES, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be right to apply for patent rights in each foreign country and all rights to priority.

We agree that said Assignee may apply for and receive Letters Patent for sald inventions in its own name; and when requested, without charge to but at the expense of said Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said Inventions and all applications for patents and all patents on said inventions, in said Assignee.

We hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

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We covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

Date	Russell F. Collins
STATE OF : COUNTY OF :	
Subscribed and sworn to before me this	day of
SEAL Notary Publi My Commission Expires	
Date	Gary S. Falwell
STATE OF	
	day of
SEALNotary Publi My Commission Expires	
Date	Eric A. Bene
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PATENT REEL: 012610 FRAME: 0835 -3--

Date	Steven J. Burns
STATE OF	
Subscribed and sworn to before me this	day of
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Date	Denyse M. Collins
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Date	Charles A. Gibson
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Date	Ding Sheng He
STATE OF : COUNTY OF :	
Subscribed and sworn to before me this	day of
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Date	Paul E. LeClair
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Subscribed and sworn to before me this	day of
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Date	Donald F. Patterson
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Date	Stephen W. Sagon
STATE OF	
Subscribed and sworn to before me this	day of
SEALNotary Public My Commission Expires	
$\frac{25/01/2002}{Date}$	Pierre Jais

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We agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expanse of said Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents

# We hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

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## PATENT REEL: 012610 FRAME: 0839

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#### B1075/7012 JHM

## ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the raceipt of which is hereby acknowledged, we the undersigned Russell F. Collins, Oary S. Falwell, Eric A. Bene, Steven J. Burns, Denyse M. Collins, Charles A. Gibson, Ding Sheng He, Paul E. LeClair, Donald F. Patterson, Stephen W. Sagon, and Plerre Jais hereby

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on said inventions, in said Assignee.

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We covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

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	Notary Public Commonwealth of Massachusetts	
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Date	Steven J. Burns
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Date	Denyse M. Collins
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Date	Charles A. Gibson
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Date	Doneld F. Patterson
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Date	Stephen W. Sagon
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Subscribed and swom to before me this	day of
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Date	Pierre Jais

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B1075/7012 JHM

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	$\frac{72/5/0}{\text{Date}}$	Russell P. Collins
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	1	Commonwealth of Massachusen My Commission Expires January 29, 2006
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	Date	Gary S. Falwell
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	My Commission Expires	_
	Date	Eric A. Bene
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	Subscribed and sworn to before me this	day of
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COUNTY OF muldlesset
Subscribed and sworn to before me this 7th day of francest, 2001
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My Commission Expires <u>9/2.2/06</u>
12/5/200' Date Paul E. LeClair
STATE OF Managehugetts:
COUNTY OF GALLER day of day of
DRENDA MILAN
SEAL Notary Public Vanuary 20, 2006
My Commission Expires
Date Donald F. Patterson
STATE OF Mastachuselle
Subscribed and sworn to before me this day of
BRENDA MIAN
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12/5/01 Strong J Burn
Date Steven J. Burns
STATE OF <u>Massa chusette</u> COUNTY OF <u>Essex</u> Subscribed and sworn to before me this <u>5</u> day of <i>December</i>
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12/5/01 Jenere 12/ alleno
Date Denyse M Collins / Co
Subscribed and sworn to before me this day of
SEAL MUMMMMM Notary Public My Commission Expires
12/11/2) Date Charles A. Gibson
STATE OF MUSACHUSETTS : COUNTY OF COUNTY OF CO
Subscribed and sworn to before me this _// day of _/day of
SEAL <u>Notary Public</u> Notary Public My Commission Expires
BREND V MIANI Notary Public Commonwealth of Massachusetts My Commission Expires January 20, 2006

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12/4/01 Stephen V Date STATE OF Manachusette December, 2001. Subscribed and sworn to before me this 4th day of SEA Votary Public Commission Expires 09/21/1

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Date

Pierre Jais

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DEC 21 RECORDED: 02/21/2002