FORM PTO-1619A Expres 08/30/99 OMB 0851-0027 04-21-1998



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# RECORDATION FORM COVER SHEET

U.S. Department of Commerce Patent and Trademark Office PATENT

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APR 03 1998

PATENTS ONLY			
TO: The Commissioner of Patents and Trademarks: Please record the attached original document (Conveyance Type)  Conveyance Type			
New X Assignment Security Agreement			
Resubmission (Non-Recordation)  Document ID#  License  Change of Name			
Correction of PTO Error Reel # Frame # U.S. Government			
Corrective Document (For Use ONLY by U.S. Government Agencies)  Reel # Departmental File Secret File			
Conveying Party(ies)    X   Mark if additional names of conveying parties attached   Execution Date   Month   Day   Year			
Name (line 1) Matthew M. Morrison 2 24 97			
Name (line 2)  Execution Date			
Second Party   Month Day Year     Name (line 1)   Eric A. Loveless   12 22 97			
Name (line 2)			
Receiving Party  Mark if additional names of receiving parties attached			
Name (line 1) Danek Medical, Inc.  If document to be recorded is an assignment and the receiving party is not			
Name (line 2) domiciled in the United States, an appointment of a domestic			
Address (line 1) 1800 Pyramid Place representative is attached. (Designation must be a			
Address (line 2) separate document from Assignment.)			
Address (line 3) Memphis Tennessee USA 38132 City State/Country Zip Code			
Domestic Representative Name and Address  Enter for the first Receiving Party only.			
Name J. Andrew Lowes			
Address (line 1) Woodard, Emhardt, Naughton, Moriarty & McNett			
Address (line 2) Bank One Center/Tower			
Address (line 3) [III Monument Circle, Suite 3700			
Address (line 4) Indianapolis, Indiana 46204-5137			
FOR OFFICE USE ONLY			
04/20/1998 TTON11 00000182 08798092			

Public Burdon reporting for this collection of information is definated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the desument and gethering the data needed to complete the Cover Sheet. Seek comments reporting this burdon estimate to the U.S. Putent and Tradsmark Office, Chief information Officer, Washington, D.C. 2021 and to the Office of information and Regulatory Alphra, Office of information Collection Budget Pastage 661-6627, Putent and Tradsmark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:

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Commissioner of Patents and Trademarks, Box Assignments , Washington, D.C. 20231

REEL: 9144 FRAME: 0289

FORM PTU Expires 06/30/99 OMB 0651-0027	⊢1619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspond	ent Name and Address	Area Code and Telephone Number	(317) 634-3456
Name	J. Andrew Lowes		The war of and to be led
Address (line 1)	Woodard, Emhardt,	Naughton, Moriarty & McNett	
Address (line 2)	111 Monument Circ	le, Suite 3700	RECEIPT ACCTING, DIV
Address (line 3)	Bank One Center/T	ower	
Address (line 4)	Indianapolis, Ind	iana 46204-5137	
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If this document is signed by the firs	s being filed together with a <u>new</u> P it named executing inventor.	atent Application, enter the date the patent application	on was Month Day Year
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		Authorization to charge additional fees:	Yes X No
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J. Andre		1. Only Hoves	April 3, 1998
Name Reg. No.	of Person Signing 40,706	Signature	Date

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Name (line 2)					
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Name (line 1)	B. Thomas Barker				2 24 97
Name (line 2)					Execution Date
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Name (line 1)	Catalina J. Carro	011			2 24 97
Name (line 2)			· · · · · · · · · · · · · · · · · · ·		]
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<b>.</b>					receiving party is not domiciled in the United
Name (line 2)					States, an appointment
Address (line 1)					of a domestic representative is attached. (Designation
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# RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office PATENT

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Conveying	- I work if additional flames of conveying parties attached	Execution Date
	l Conveying Parties	Month Day Year
Name (line 1)	David Miller	2 24 97
Name (line 2)		
		Execution Date  Month Day Year
Name (line 1)	Dominque Petit	6 16 97
Name (line 2)		
		Execution Date Month Day Year
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Name (line 2)		
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	I Receiving Party(ies)	7 <b>14</b>
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Address (line 2		Assignment.)
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## **ASSIGNMENT**

WHEREAS, Matthew M. Morrison, Eric Loveless, David L. Brumfield, B. Thomas Barker, Catalina J. Carroll, David Miller, and Dominique Petit, hereinafter referred to as Assignors, whose post office addresses are 8774 Lybrook Cove, Cordova, Tennessee 38018; 807 Nira Street, Jacksonville, Florida 32207; 5685 Plum Tree Drive, Southaven, Mississippi 38671; 7389 Twiller Cove, Memphis, Tennessee 38133; 3780 Cardinal Lane, Memphis, Tennessee 38111; 2411 Reed Hooker Road, Eads, Tennessee 38028; and 2 rue de l'Abbe Vandewalle, 62600 Berck, Sur Mer, FRANCE, respectively, have made a new and useful invention in a ROD INTRODUCTION APPARATUS for which Assignors have made or will make application for Letters Patent of the United States; and

WHEREAS, Danek Medical, Inc., hereinafter referred to as Assignee, a corporation of Tennessee, having a post office address of 1800 Pyramid Place, Memphis, Tennessee 38132, desires to acquire all of the entire right, title, and interest in, and to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application, and in, to and under any and all Letters Patent, United States and foreign which may be obtained therefor and thereon;

NOW, THEREFORE, To All Whom It May Concern, be it known that for and in consideration of the sum of One (\$1.00) Dollar and other good, valuable and sufficient consideration to Assignors in hand paid, the receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred and by these presents do sell, assign and transfer unto Assignee, all of Assignors' right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application for United States Letters Patent executed by Assignor Petit the transfer day of the said application, including any and all other applications thereon and arising therefrom, including any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

Assignors hereby authorize and request the firm of Woodard, Emhardt, Naughton, Moriarty & McNett of Bank One Center/Tower, 111 Monument Circle, Suite 3700, Indianapolis, IN 46204-5137 to insert here in parentheses (Serial No.08/798,092, Filed 2/12/97 ) the date and serial number of said application when officially known, and Assignors hereby authorize and request the Honorable Commissioner of Patents to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignors agree to sign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

WITNESS Assignor's hand this <u>ir</u> day of <u>berember</u>, 1997.

Erić A. Loveless

PATENT REEL: 9144 FRAME: 0293

### ASSIGNMENT

WHEREAS, Matthew M. Morrison, Eric Lovelace, David L. Brumfield, B. Thomas Barker, Catalina J. Carroll, David Miller, and Dominique Petit, hereinafter referred to as Assignors, whose post office addresses are 8774 Lybrook Cove, Cordova, Tennessee 38018; 807 Nira Street, Jacksonville, Florida 32207; 5685 Plum Tree Drive, Southaven, Mississippi 38671; 7389 Twiller Cove, Memphis, Tennessee 38133; 3780 Cardinal Lane, Memphis, Tennessee 38111; 2411 Reed Hooker Road, Eads, Tennessee 38028; and 2 rue de l'Abbe Vandewalle, 62600 Berck, Sur Mer, FRANCE, respectively, have made a new and useful invention in a ROD INTRODUCTION APPARATUS for which Assignors have made or will make application for Letters Patent of the United States; and

WHEREAS, Danek Medical, Inc., hereinafter referred to as Assignee, a corporation of Tennessee, having a post office address of 1800 Pyramid Place, Memphis, Tennessee 38132, desires to acquire all of the entire right, title, and interest in, and to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application, and in, to and under any and all Letters Patent, United States and foreign which may be obtained therefor and thereon;

NOW, THEREFORE, To All Whom It May Concern, be it known that for and in consideration of the sum of One (\$1.00) Dollar and other good, valuable and sufficient consideration to Assignors in hand paid, the receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred and by these presents do sell, assign and transfer unto Assignee, all of Assignors' right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application for United States Letters Patent executed by Assignors Morrison, Brumfield, Barker, Carroll and Miller the4, 5, 6, days of \_\_\_\_\_\_\_\_, 1997, and any and all other applications thereon and arising therefrom, including any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

Assignors hereby authorize and request the firm of Woodard, Emhardt, Naughton, Moriarty & McNett of Bank One Center/Tower, 111 Monument Circle, Suite 3700, Indianapolis, IN 46204-5137 to insert here in parentheses (Serial No08/798,092, Filed 2/12/97 \_\_\_\_) the date and serial number of said application when officially known, and Assignors hereby authorize and request the Honorable Commissioner of Patents to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignors agree to sign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

WITNESS Assignors' hands this 24 day of Telephone, 1997.

Matthew M. Morrison

David L. Brumfield

B. Thomas Barker

Latalana J. Carroll

Catalina J. Carroll

David Miller

STATE OF (ENDESSEE)

SS:

Before me, a Notary Public in and for said County and State, personally appeared Assignors Morrison, Brumfield, Barker, Carroll and Miller, who, being first duly sworn upon their oath, acknowledge the execution of the foregoing "Assignment" as their voluntary act and deed.

WITNESS my hand and Notarial Seal this

COUNTY OF Shelby

Votary Public

(Printed Signature)

SEAL

My Commission Expired Commission Expires Dec. 8, 1997

PATENT REEL: 9144 FRAME: 0294

My County of Residence: Shelby

### ASSIGNMENT

WHEREAS, Matthew M. Morrison, Eric Lovelace, David L. Brumfield, B. Thomas Barker, Catalina J. Carroll, David Miller, and Dominique Petit, hereinafter referred to as Assignors, whose post office addresses are 8774 Lybrook Cove, Cordova, Tennessee 38018; 807 Nira Street, Jacksonville, Florida 32207; 5685 Plum Tree Drive, Southaven, Mississippi 38671; 7389 Twiller Cove, Memphis, Tennessee 38133; 3780 Cardinal Lane, Memphis, Tennessee 38111; 2411 Reed Hooker Road, Eads, Tennessee 38028; and 2 rue de l'Abbe Vandewalle, 62600 Berck, Sur Mer, FRANCE, respectively, have made a new and useful invention in a ROD INTRODUCTION APPARATUS for which Assignors have made or will make application for Letters Patent of the United States; and

WHEREAS, Danek Medical, Inc., hereinafter referred to as Assignee, a corporation of Tennessee, having a post office address of 1800 Pyramid Place, Memphis, Tennessee 38132, desires to acquire all of the entire right, title, and interest in, and to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application, and in, to and under said application, and in, to and under any and all Letters Patent, United States and foreign which may be obtained therefor and thereon;

NOW, THEREFORE, To All Whom It May Concern, be it known that for and in consideration of the sum of One (\$1.00) Dollar and other good, valuable and sufficient consideration to Assignors in hand paid, the receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred and by these presents do sell, assign and transfer unto Assignee, all of Assignors' right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application for United States Letters Patent executed by Assignor Petit the 16th day of June , 1997, and any and all other applications thereon and arising therefrom, including any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

Assignors hereby authorize and request the firm of Woodard, Emhardt, Naughton, Moriarty & McNett of Bank One Center/Tower, 111 Monument Circle, Suite 3700, Indianapolis, IN 46204-5137 to insert here in parentheses (Serial No08/798.092, Filed 2/12/97 ) the date and serial number of said application when officially known, and Assignors hereby authorize and request the Honorable Commissioner of Patents to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignors agree to sign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

101 1110 100 01 710010100.	_
WITNESS Assignor's hand	this L day of June, 1997.  Dominique Petit
STATE OF	) )SS: )
appeared Assignor Petit, who, b	c in and for said County and State, personally being first duly sworn upon his oath, acknowledges the signment" as his voluntary act and deed.
WITNESS my hand and Not	arial Seal thisday of, 1997.
	Notary Public
SEAL	(Printed Signature)
My Commission Expires:	
My County of Residence:	