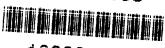
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'R SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

ched	original	documents	or	copy	thereof.

_	Name of companing particles):	=	ched original documents of copy thereof.	=			
1.	Name of conveying party(ies):)	and address of receiving party(ies):	:			
	Michael S. Noone	Na	ame: MEDTRONIC, INC				
	Albert Dunfee Matthew Poole		Internal Address: M.S. 301				
	Additional name(s) of conveying party(ies) attached? []Yes [X]No		22	}			
			Street Address: 7000 CENTRAL AVENUE NORTHEA	A ST			
3.	Nature of conveyance:						
	[X] Assignment [] Merger		City: MINNEAPOLIS State: MN Zip: 5543	<u>32</u>			
	[] Security Agreement [] Change of Name						
	[] Other						
	Execution Date: December 3, 1998	Ade	dditional name(s) & address(es) attached? []Yes [X]No				
4.	Application number(s) or patent number(s):						
	If this document is being filed together with a new application, the avecution	an data	to of the amulication in				
	If this document is being filed together with a new application, the execution date of the application is:						
	A. Patent Application No.(s)	В.	Patent No.(s)				
	Additional numbers attach	ned? [[]Yes [X]No				
5.	Name and address of party to whom correspondence concerning document should be mailed:		Total number of applications and patents involved: 1				
	Name: Dianne Plunkett Latham	7.	Total fee (37 CFR 3.41):\$40.00				
	Address: MEDTRONIC, INC.		[] Enclosed				
	7000 Central Avenue N.E. M.S. 301		[X] Authorized to be charged to deposit account				
	Minneapolis, Minnesota 55432	8.	Deposit Account Number: 13-2546 (Attach duplicate copy of this page)				
7/1	998 JSHABAZZ 00000019 132546 09207644		(Actually duplicate copy of this page)				
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9.	Statement and signature.						
	To the best of my knowledge and belief, the foregoing information is tr	nie and	nd correct and any attached conv is a true conv of the o	riaina			
	document.	/	to contest and any analysis to the copy of the o	ngma			
	Dianne Plunkett Latham Atom Vlienland Zoil	in	12-7-92				
	Name of Person Signing Signature		Date				
	Total numb	er of p	pages including cover sheet, attachments and document:				
OM	B No. 0651-0011 (exp. 4/94)						
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Mai	il documents to be recorded with required cover sheet information to: Commi Box As:		er of Patents and Trademarks nents				

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), 1Washington, D.C. 20503.

Washington, D.C. 20231

ASSIGNMENT

WHEREAS, WE, Michael S. Noone, Albert H. Dunfee and Matthew S. Poole are the inventors of Multiple Segment Catheter and Method of Fabrication for which we have executed an application for filing in the United States Patent and Trademark Office preparatory to obtaining Letters Patent of the United States on even date herewith; therefor; and

WHEREAS, MEDTRONIC, INC. a corporation organized and existing under the laws of the State of Minnesota and having a principal place of business at 7000 Central Avenue N.E., Minneapolis, Minnesota 55432 hereinafter referred to as "Corporation," is desirous of acquiring the entire right, title and interest in and to said invention for the United States and for all foreign countries and in and to any and all foreign and domestic Letters Patent which may be granted therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto Corporation, its successors and assigns, the entire right, title and interest in and to said invention and the entire right, title and interest in and to any and all Letters Patent of the United States and any foreign countries which may be granted therefor including my rights under the International Convention for the Protection of Industrial Property, and in and to any and all extensions, divisions or reissues of said Letters Patent that may be granted, the same to be held and enjoyed by Corporation for its own use and behalf and use and behalf of its successors and assigns to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made;

AND, for the consideration aforesaid, I materially represent to Corporation, its successors and assigns, that at the time of the execution and delivery of these presents, I am the sole lawful owners of the entire right, title and interest in and to the invention, application and Letters Patent above mentioned, and that the same are unencumbered, and that I have good right and lawful authority to sell and convey the same in the manner herein set forth;

AND, for the consideration aforesaid, I hereby individually covenant and agree to and with Corporation, its successors and assigns, that whenever its counsel or the counsel of its successors or assigns, learned in the law, shall advise that an amendment or division of, or any continuation-in-part thereof, or any other proceeding in connection with the filing or prosecution of said domestic or foreign patent applications, including interference proceedings, is lawful and desirable, or that a reissue of extension of said Letters Patent is lawful and desirable, I, or my executors, administrators or assigns will sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said invention, or for the reissue or extension of the same, without charge to Corporation, its successors or assigns, but at Corporation's expense.

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PATENT REEL: 9637 FRAME: 0489

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument. IN WITNESS WHEREOF, I have hereunto set my hand on this 3 day of December, 1998. STATE OF MASS COUNTY OF ESSEX On this 3 day of <u>Jeonber</u>, 1998, before me personally appeared the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed. IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written. Notary Public I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument. IN WITNESS WHEREOF, I have hereunto set my hand on this 3 day of December, 1998. Albert H. Dunfee STATE OF MASS. COUNTY OF ESSEX On this _3 day of ______, 1998, before me personally appeared _____ be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

Notary Public

IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the

day and year above written.

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument. IN WITNESS WHEREOF, I have hereunto set my hand on this 3'd day of December, 1998.

STATE OF MASS.

COUNTY OF ESSEX

On this 3 day of Decomber, 1998, before me personally appeared, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.

Notary Public

RECORDED: 12/08/1998