

04-19-1999



BT

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patent.

101015809

and original documents or copy thereof.

1. Name of conveying party(ies):

EDOUARD KOULIK
MICHEL VERHOEVEN
PATRICK CAHALAN
LINDA CAHALAN



2. Name and address of receiving party(ies):

Name: MEDTRONIC, INC.

Internal Address: MICHAEL J. JARO

MS 301

Additional name(s) of conveying party(ies) attached? [] Yes [x] No

3. Nature of conveyance:

- [x] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other _____

Street Address: 7000 CENTRAL AVENUE NE

City: MINNEAPOLIS State: MN ZIP: 55432

Execution Date: 04/08/99 (E. KOULIK, M. VERHOEVEN)
03/24/99 (P. CAHALAN, L. CAHALAN)

Additional name(s) & address(es) attached? [] Yes [x] No

4. Application number(s) or patent number(s): 9/245,840(P-4565)

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 9/245,840

B. Patent No.(s)

Additional numbers attached? [] Yes [x] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Michael J. Jaro

Address: MEDTRONIC, INC.
7000 Central Avenue N.E.
Minneapolis, Minnesota 55432

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

[] Enclosed
[x] Authorized to be charged to deposit account

8. Deposit Account Number: 13-2546

(Attach 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 true and correct and any attached copy is a true copy of the original document.

Michael J. Jaro

Name of Person Signing

Signature

Date

04/16/1999 DNGUYEN 00000450 132546 09245840

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OMB No. 0651-0011 (exp. 7/94)

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PATENT
REEL: 9886 FRAME: 0930

ASSIGNMENT

WHEREAS, WE, EDOUARD KOULIK, MICHEL VERHOEVEN, PATRICK CAHALAN AND LINDA CAHALAN are the joint inventors of ONE-STEP METHOD FOR ATTACHMENT OF BIOMOLECULES TO SUBSTRATE SURFACES 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; therefore; 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 therefore;

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 behoof and use and behoof 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 or 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.

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 8 day of April, 1999.

E. Koulik
EDOUARD KOULIK

STATE OF the Netherlands

ss.

COUNTY OF Maastricht

On this 12th day of April, 1999, before me personally appeared EDOUARD KOULIK, 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.

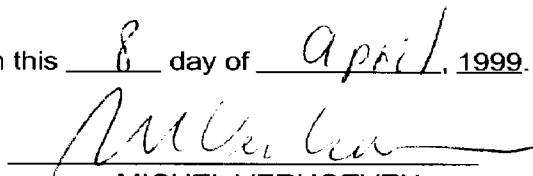
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.



[Signature]
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 8 day of April, 1999.


MICHEL VERHOEVEN

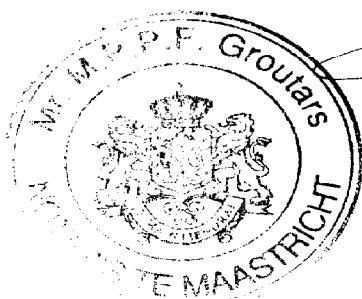
STATE OF the Netherlands

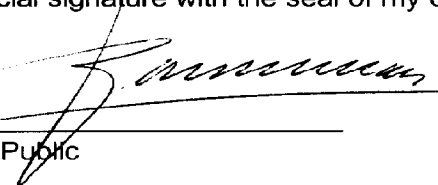
ss.

COUNTY OF Maastricht

On this 12th day of April, 1999, before me personally appeared MICHEL VERHOEVEN, 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

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 24th day of March, 1999.



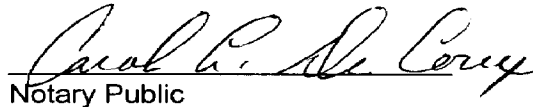
PATRICK CAHALAN

STATE OF MA.

COUNTY OF Middlesex ss.

On this 24th day of March, 1999, before me personally appeared PATRICK CAHALAN, 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

CAROL DeCOUX
Notary Public
My Commission Expires March 19, 2004

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 24th day of March, 1999.


LINDA CAHALAN


STATE OF MA

SS.

COUNTY OF Middlesex

On this 24th day of March, 1999, before me personally appeared LINDA CAHALAN, 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

CAROL DeCOUX
Notary Public
My Commission Expires March 19, 2004