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P/4281-2

PATENTS REC



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To the Director of the U.S. Patent and Trademark Office: Please record the attached original document or copy thereof.

1. Name of conveying party(ies):

**Pascal Medical AB**

Type of Entity:

**Corporation - Sweden**

Additional names(s) of conveying party(ies) attached? **No**

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

**Medtronic, Inc.  
710 Medtronic Parkway, MS LC340  
Minneapolis, MN 55432-5604**

Type of Entity:

**Corporation - Minnesota**

Additional name(s) & address(es) attached? **No**

3. Nature of Conveyance:

**Assignment**

Execution Date: **October 7, 2001**

4. Application number(s) or patent number(s):

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

A. Application No.(s)

**09/743,168 filed March 14, 2001**

B. Patent No.(s)

Additional numbers attached? **No**

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

**OSTROLENK, FABER, GERB & SOFFEN, LLP  
1180 Avenue of the Americas  
New York, New York 10036-8403**

6. Total number of documents involved: **One**

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

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**James A. Finder**

Name of Person Signing

Signature

**August 6, 2003**

Date

Total number of pages including cover sheet, attachments, and document: **18**

08/14/2003 LMUELLER 00000046 09743168

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**PATENT  
REEL: 014368 FRAME: 0810**

## PATENT ASSIGNMENT

WHEREAS, Pascal Medical AB, Reg. No. 556506-7617, a Swedish corporation ("Assignor"), is the owner of the United States and foreign patents and patent applications identified on the attached Exhibit A; and

WHEREAS, Medtronic, Inc., a Minnesota corporation, ("Assignee") desires to acquire the entire right, title and interest in and to the United States and foreign patents and patent applications and in and to the inventions described and claimed therein;

WHEREAS, Medtronic and Pascal have entered into an Asset Purchase Agreement dated as of September 7, 2001 (the "Asset Purchase Agreement"), providing for, among other things, the sale by Pascal, and the purchase by Medtronic, of the Assets and Business (as defined in the Asset Purchase Agreement).

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee, its successors and assigns: the entire right, title and interest in and to the patents and patent applications listed on Exhibit A hereto including the inventions therein described and claimed; all rights for past infringement thereof; all renewals, reissues, extensions, substitutions, continuations, continuations-in-part, or divisions thereof, or any applications which claims any priority rights thereof; all foreign applications based thereon; and the right to apply for patents in foreign countries in its own name, including the right to claim any priority rights to which such foreign applications are entitled under international conventions, treaties, or otherwise.

Assignor further agrees to execute and deliver without further consideration any further application, assignments or other documents and to perform such other lawful acts as Assignee, its successors and assigns may deem reasonably necessary to fully secure, maintain and enforce its rights, title or interest as specified herein.

If there is any conflict between the terms of this Patent Assignment and the Asset Purchase Agreement, the terms of the Asset Purchase Agreement shall prevail. Nothing contained in this Patent Assignment shall be deemed to amend any provision of the Asset Purchase Agreement.

Assignor hereby authorizes and requests the appropriate patent offices to issue to Assignee any patents which may be granted in accordance with this Assignment.

PASCAL MEDICAL AB

Date: Oct 7<sup>th</sup>, 2001

By: 

Its: \_\_\_\_\_

PER JANSSON

MANAGING DIRECTOR

PATENT

REEL: 014368 FRAME: 0812

**EXHIBIT A**

A01567782/0.0/28 Sep 2001

**PATENT**  
**REEL: 014368 FRAME: 0813**

# Pascal Medical AB

## Patent and Patent Applications

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### METHOD OF TREATING MÉNIÈRE'S DISEASE AND CORRESPONDING APPARATUS

|                  |              |
|------------------|--------------|
| Our file         | PAS-0001.EP  |
| Application date | 29/6 1999    |
| Application No.  | 99933405.5   |
| Priority         | 6/7 1998     |
| Priority No.     | SE 9802422-7 |
| Publication No.  | 1 094 769    |
| Patent No.       |              |
| Issue date       |              |
| Status/Notes     | Pending      |

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### METHOD OF TREATING MÉNIÈRE'S DISEASE AND CORRESPONDING APPARATUS

|                  |                                  |
|------------------|----------------------------------|
| Our file         | PAS-0001.PCT                     |
| Application date | 29/6 1999                        |
| Application No.  | PCT/SE99/01167                   |
| Priority         | 6/7 1998                         |
| Priority No.     | SE 9802422-7                     |
| Publication No.  | WO 00/01331                      |
| Patent No.       |                                  |
| Issue date       |                                  |
| Status/Notes     | Now in regional / national phase |

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### SÄTT ATT BEHANDLA MÉNIÈRE'S SJUKDOM OCH MOTSVARANDE ANORDNING (Method of treating Ménière's disease and corresponding apparatus)

|                  |             |
|------------------|-------------|
| Our file         | PAS-0001.SE |
| Application date | 6/7 1998    |
| Application No.  | 9802422-7   |
| Priority         | 6/7 1998    |
| Priority No.     |             |
| Publication No.  |             |
| Patent No.       |             |
| Issue date       |             |
| Status/Notes     | Abandoned   |



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DEVICE FOR AFFECTING THE HYDRODYNAMIC SYSTEM OF THE INNER EAR

Our file PAS-0002.EP  
Application date 20/12 1996  
Application No. 96944166.6  
Priority 22/12 1995  
Priority No. SE 9504658-7  
Publication No. 0 959 833  
Patent No.  
Issue date  
Status/Notes Communication under Rule 51(4)EP = Notice of Allowability issued

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DEVICE FOR AFFECTING THE HYDRODYNAMIC SYSTEM OF THE INNER EAR

Our file PAS-0002.HK  
Application date 20/12 1996  
Application No. 00103272.3  
Priority 22/12 1995  
Priority No. SE 9504658-7  
Publication No. 1024159A - 200010-05  
Patent No.  
Issue date  
Status/Notes Pending

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DEVICE FOR AFFECTING THE HYDRODYNAMIC SYSTEM OF THE INNER EAR

Our file PAS-0002.PCT  
Application date 20/12 1996  
Application No. PCT/SE96/01742  
Priority 22/12 1995  
Priority No. SE 9504658-7  
Publication No. WO97/23178  
Patent No.  
Issue date  
Status/Notes Now in national / regional phase

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DEVICE FOR AFFECTING THE HYDRODYNAMIC SYSTEM OF THE INNER EAR

Our file PAS-0002.US  
Application date 20/12 1996  
Application No. 09/091,724  
Priority 22/12 1995  
Priority No. SE 9504658.7  
Publication No.  
Patent No. 6,159,171  
Issue date 12/12 2000  
Status/Notes Granted

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APPARATUS FOR TREATMENT OF MÈNIÈRE'S DISEASE AND SIMILAR CONDITIONS

Our file PAS-0009.AU  
Application date 29/6 1999  
Application No. 49467/99  
Priority 6/7 1998  
Priority No. SE 9802423-5  
Publication No. 736919  
Patent No.  
Issue date 26/6 2001  
Status/Notes Notice of Acceptance issued

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APPARATUS FOR TREATMENT OF MÈNIÈRE'S DISEASE AND SIMILAR CONDITIONS

Our file PAS-0009.BR  
Application date 29/6 1999  
Application No. PI 9911921-8  
Priority 6/7 1998  
Priority No. SE 9802423-5  
Publication No.  
Patent No.  
Issue date  
Status/Notes Pending

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APPARATUS FOR TREATMENT OF MÉNIÈRE'S DISEASE AND SIMILAR CONDITIONS

Our file PAS-0009.CA  
Application date 29/6 1999  
Application No. 2,337,076  
Priority 6/7 1998  
Priority No. SE 9802423-5  
Publication No.  
Patent No.  
Issue date  
Status/Notes Pending

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APPARATUS FOR TREATMENT OF MÉNIÈRE'S DISEASE AND SIMILAR CONDITIONS

Our file PAS-0009.CN  
Application date 29/6 1999  
Application No. 99808261.9  
Priority 6/7 1998  
Priority No. SE 9802423-5  
Publication No.  
Patent No.  
Issue date  
Status/Notes Pending

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APPARATUS FOR TREATMENT OF MÉNIÈRE'S DISEASE AND SIMILAR CONDITIONS

Our file PAS-0009.CZ  
Application date 29/6 1999  
Application No. PV 2001-24  
Priority 6/7 1998  
Priority No. SE 9802423-5  
Publication No.  
Patent No.  
Issue date  
Status/Notes Pending

*P.J. MRE*

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APPARATUS FOR TREATMENT OF MÉNIÈRE'S DISEASE AND SIMILAR CONDITIONS

Our file PAS-0009.EP  
Application date 29/6 1999  
Application No. 99933406.3  
Priority 6/7 1998  
Priority No. SE 9802423-5  
Publication No. 1 094 770  
Patent No.  
Issue date  
Status/Notes Pending

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APPARATUS FOR TREATMENT OF MÉNIÈRE'S DISEASE AND SIMILAR CONDITIONS

Our file PAS-0009.HU  
Application date 29/6 1999  
Application No. 0100723  
Priority 6/7 1998  
Priority No. SE 9802423-5  
Publication No.  
Patent No.  
Issue date  
Status/Notes Pending

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APPARATUS FOR TREATMENT OF MÉNIÈRE'S DISEASE AND SIMILAR CONDITIONS

Our file PAS-0009.IL  
Application date 29/6 1999  
Application No. 140634  
Priority 6/7 1998  
Priority No. SE 9802423-5  
Publication No.  
Patent No.  
Issue date  
Status/Notes Pending

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APPARATUS FOR TREATMENT OF MÉNIÈRE'S DISEASE AND SIMILAR CONDITIONS

Our file PAS-0009.JP  
Application date 29/6 1999  
Application No. 2000-557794  
Priority 6/7 1998  
Priority No. SE 9802423-5  
Publication No.  
Patent No.  
Issue date  
Status/Notes Pending

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APPARATUS FOR TREATMENT OF MÉNIÈRE'S DISEASE AND SIMILAR CONDITIONS

Our file PAS-0009.KR  
Application date 29/6 1999  
Application No. 2001-7000061  
Priority 6/7 1998  
Priority No. SE 9802423-5  
Publication No.  
Patent No.  
Issue date  
Status/Notes Pending

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APPARATUS FOR TREATMENT OF MÉNIÈRE'S DISEASE AND SIMILAR CONDITIONS

Our file PAS-0009.MX  
Application date 29/6 1999  
Application No. 012919  
Priority 6/7 1998  
Priority No. SE 9802423-5  
Publication No.  
Patent No.  
Issue date  
Status/Notes Pending

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APPARATUS FOR TREATMENT OF MÉNIÈRE'S DISEASE AND SIMILAR CONDITIONS

Our file PAS-0009.NO  
Application date 29/6 1999  
Application No. 20010096  
Priority 6/7 1998  
Priority No. SE 9802423-5  
Publication No.  
Patent No.  
Issue date  
Status/Notes Pending

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APPARATUS FOR TREATMENT OF MÉNIÈRE'S DISEASE AND SIMILAR CONDITIONS

Our file PAS-0009.NZ  
Application date 29/6 1999  
Application No. 509123  
Priority 6/7 1998  
Priority No. SE 9802423-5  
Publication No.  
Patent No.  
Issue date  
Status/Notes Pending

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APPARATUS FOR TREATMENT OF MÉNIÈRE'S DISEASE AND SIMILAR CONDITIONS

Our file PAS-0009.PCT  
Application date 29/6 1999  
Application No. PCT/SE99/01168  
Priority 6/7 1998  
Priority No. SE 9802423-5  
Publication No. WO 00/01346  
Patent No.  
Issue date  
Status/Notes Now in regional / National phase

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APPARATUS FOR TREATMENT OF MÉNIÈRE'S DISEASE AND SIMILAR CONDITIONS

Our file PAS-0009.PL  
Application date 29/6 1999  
Application No. P-345 702  
Priority 6/7 1998  
Priority No. SE 9802423-5  
Publication No.  
Patent No.  
Issue date  
Status/Notes Pending

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ANORDNING FÖR BEHANDLING AV MÉNIÈRE'S SJUKDOM OCH LIKNANDE  
ÅKOMMOR (Apparatus for treatment of ménières disease and similar conditions)

Our file PAS-0009.SE  
Application date 6/7 1998  
Application No. 9802423-5  
Priority 6/7 1998  
Priority No.  
Publication No.  
Patent No.  
Issue date  
Status/Notes Abandoned

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APPARATUS FOR TREATMENT OF MÉNIÈRE'S DISEASE AND SIMILAR CONDITIONS

Our file PAS-0009.SG  
Application date 29/6 1999  
Application No. 200007609-1  
Priority 6/7 1998  
Priority No. SE 9802423-5  
Publication No.  
Patent No.  
Issue date  
Status/Notes Pending

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TRANSPORTABLE APPARATUS FOR TREATING MÈNIÈRE'S DISEASE

Our file PAS-0011.EP  
Application date 9/8 1999  
Application No. 99943563.9  
Priority 19/8 1998  
Priority No. SE 9802771-7  
Publication No. 1 107 713  
Patent No.  
Issue date  
Status/Notes Pending

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TRANSPORTABLE APPARATUS FOR TREATING MÈNIÈRE'S DISEASE

Our file PAS-0011.JP  
Application date 9/8 1999  
Application No. 2000-565809  
Priority 19/8 1998  
Priority No. SE 9802771-7  
Publication No.  
Patent No.  
Issue date  
Status/Notes Pending

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TRANSPORTABLE APPARATUS FOR TREATING MÈNIÈRE'S DISEASE

Our file PAS-0011.PCT  
Application date 9/8 1999  
Application No. PCT/SE99/01354  
Priority 19/8 1998  
Priority No. SE 9802771-7  
Publication No. WO 00/10484  
Patent No.  
Issue date  
Status/Notes Now in regional / national phase

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## BÄRBAR ANORDNING FÖR BEHANDLING AV MÉNIÈRE'S SJUKDOM

Our file PAS-0011.SE  
Application date 19/8 1998  
Application No. 9802771-7  
Priority 19/8 1998  
Priority No.  
Publication No.  
Patent No.  
Issue date  
Status/Notes Abandoned

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## TRANSPORTABLE APPARATUS FOR TREATING MÉNIÈRE'S DISEASE

Our file PAS-0011.US  
Application date 9/8 1999  
Application No. 09/763,312  
Priority 19/8 1998  
Priority No. SE 9802771-7  
Publication No.  
Patent No.  
Issue date  
Status/Notes Pending

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## SYSTEM FÖR ATT BEHANDLA PATIENTER I DEN ÖPPNA VÅRDEN (Outpatient Medical Administration System)

Our file PAS-0013.SE  
Application date 13/12 2000  
Application No. 0004652-4  
Priority 13/12 2000  
Priority No.  
Publication No.  
Patent No.  
Issue date  
Status/Notes Pending

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OUTPATIENT MEDICAL ADMINISTRATION SYSTEM

Our file PAS-0013.TW  
Application date 20/3 2001  
Application No. 90106436  
Priority 13/12 2000  
Priority No. SE 0004652-4  
Publication No.  
Patent No.  
Issue date  
Status/Notes Pending

| Type | Your reference / Trademark | Applicant / Owner | Due date<br>Duration     | Filing date<br>Reg. date | Appl. No.<br>Reg. No. | File No.<br>Country         | Handl.<br>by | Status |
|------|----------------------------|-------------------|--------------------------|--------------------------|-----------------------|-----------------------------|--------------|--------|
| P    | MENIERE'SFÖRFARANDE-P-AU   | PASCAL MEDICAL AB | 2000-01-05<br>2007-01-05 | 1987-01-05<br>1990-09-25 | 67124 87<br>597 611   | AU-<br>2966049<br>AUSTRALIA | ULD          | Reg    |
| P    | MENIERE'SFÖRFARANDE-P-CA   | PASCAL MEDICAL AB | 2000-01-29<br>2008-01-29 | 1987-01-12<br>1991-01-29 | 527 141<br>1 279 544  | CA-<br>2966050<br>CANADA    | ULD          | Reg    |
| P    | MENIERE'SFÖRFARANDE-P-DK   | PASCAL MEDICAL AB | 1999-12-31<br>2006-12-29 | 1986-12-29<br>1998-11-02 | 1986 06320<br>172 511 | DK-<br>2966046<br>DENMARK   | ULD          | Reg    |
| P    | MENIERE'SFORFARANDE-P-JP   | PASCAL MEDICAL AB | 2001-07-08<br>2007-01-27 | 1987-01-27<br>1996-07-08 | 15314 87<br>2 540 141 | JP-<br>2966051<br>JAPAN     | ULD          | Reg    |
| P    | MENIERE'SFÖRFARANDE-P-NO   | PASCAL MEDICAL AB | 1999-12-31<br>2006-12-30 | 1986-12-30<br>1993-09-29 | 86 5363<br>172 922    | NO<br>2966048<br>NORWAY     | ULD          | Reg    |
| P    | MENIERE'SFÖRFARANDE-P-US   | PASCAL MEDICAL AB | 2000-01-09<br>2007-01-09 | 1987-01-09<br>1988-07-19 | 001 795<br>4 757 807  | US-<br>2966052<br>USA       | ULD          | Reg    |

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# Pascal Medical AB

## Design Patent Applications

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### CASING FOR TRANSPORTABLE MEDICAL APPARATUS OR THE LIKE

|                  |                      |
|------------------|----------------------|
| Our file         | PAS-0010.DE          |
| Application date | 19/9 1998            |
| Application No.  | 4 98 09 378.6        |
| Priority         | 20/8 1998            |
| Priority No.     | SE 98-1619           |
| Publication No.  |                      |
| Patent No.       | 4 98 09 378.6        |
| Issue date       | 11/3 1999            |
| Status/Notes     | Registered (Granted) |

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### CASING FOR TRANSPORTABLE MEDICAL APPARATUS OR THE LIKE

|                  |                      |
|------------------|----------------------|
| Our file         | PAS-0010.SE          |
| Application date | 20/8 1998            |
| Application No.  | 98-1619              |
| Priority         |                      |
| Priority No.     |                      |
| Publication No.  |                      |
| Patent No.       | 64 874               |
| Issue date       | 12/4 2000            |
| Status/Notes     | Registered (Granted) |

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### CASING FOR TRANSPORTABLE MEDICAL APPARATUS OR THE LIKE

|                  |             |
|------------------|-------------|
| Our file         | PAS-0010.US |
| Application date | 3/11 1998   |
| Application No.  | 29/095.988  |
| Priority         | 20/8 1998   |
| Priority No.     | SE 98-1619  |
| Publication No.  |             |
| Patent No.       | DBS 427,425 |
| Issue date       | 4/7 2000    |
| Status/Notes     | Granted     |

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