

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6383027

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
VICTOR D. SNYDER	02/07/2019
MATTHEW F. DICORLETO	02/06/2019
JOSEPH MOCTEZUMA	02/11/2019
DAVID E. MACHT	04/17/2019
JEREMIAH R. BEERS	04/17/2019
KATHERINE M. PUCKETT	02/07/2019
KATHARINE E. DARLING	02/26/2019
LEONID KLEYMAN	02/17/2019
DANY JUNIO	02/07/2019
DANA GAZIT-ANKORI	01/09/2020
ELIYAHU ZEHAVI	02/21/2019
ELAD RATZABI	10/27/2020
AVIV ELLMAN	03/27/2019
TIMOTHY M. CONKIN	05/20/2019

**RECEIVING PARTY DATA**

<b>Name:</b>	MEDTRONIC NAVIGATION, INC.
<b>Street Address:</b>	826 COAL CREEK CIRCLE
<b>Internal Address:</b>	COAL CREEK CORPORATE CENTER ONE
<b>City:</b>	LOUISVILLE
<b>State/Country:</b>	COLORADO
<b>Postal Code:</b>	80027

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	16244369

**CORRESPONDENCE DATA**

Fax Number: (248)641-0270

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

Phone: 248.641.1271

**Email:** mailroom@hdp.com, jtumblin@hdp.com  
**Correspondent Name:** HARNESS, DICKEY & PIERCE, P.L.C.  
**Address Line 1:** 5445 CORPORATE DRIVE  
**Address Line 2:** SUITE 200  
**Address Line 4:** TROY, MICHIGAN 48098

**ATTORNEY DOCKET NUMBER:** 5074A-000207-US

**NAME OF SUBMITTER:** RICHARD W. WARNER

**SIGNATURE:** /Richard W. Warner/

**DATE SIGNED:** 11/03/2020

**Total Attachments: 15**

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## ASSIGNMENT BY INVENTORS

**THIS ASSIGNMENT** is made by **Victor D. Snyder**, residing at 1741 Phillips Court, Erie, Colorado 80516; **Matthew F. Dicorleto**, residing at 4966 Dakota Blvd., Boulder, Colorado 80304; **Joseph Moctezuma**, residing at 426 Indian Peak Road, Golden, Colorado 80403; **David E. Macht**, residing at 7150 West David Drive, Littleton, Colorado 80128; **Jeremiah R. Beers**, residing at 9666 Newland Court, Westminster, Colorado 80021; **Katherine M. Puckett**, residing at 5094 Mead St., Denver, Colorado 80221; **Katharine E. Darling**, residing at 9775 W. 81st. Ave., Arvada, Colorado 80005; **Leonid Kleyman**, residing at Duchifat 367, Z2017000 Atzmon-Segev, ISRAEL; **Dany Junio**, residing at Arlozorov 160, Apt. 4, 62098 Tel Aviv, ISRAEL; **Dana Gazit-Ankori**, residing at Orvani 8, 30900 Zichron Yaakov, ISRAEL; **Eliyahu Zehavi**, residing at Avraham Kariv 3, 34761 Haifa, ISRAEL; **Elad Ratzabi**, residing at 10B/9 Boaz St., 5249112 Ramat Gan, ISRAEL; **Aviv Ellman**, residing at Angel St. 45, Apt. 16, 44505 Kfar-Saba, ISRAEL; and **Timothy M. Conkin**, residing at 3232 W. Yarrow Circle, Superior, Colorado 80027 (hereinafter referred to as Assignors), respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in System and Method for Registration Between Coordinate Systems and Navigation, set forth in a Patent application for Letters Patent of the United States, already filed on January 10, 2019 as U.S. Application No. 16/244,369 (hereinafter collectively referred to as "Inventions"); and

**WHEREAS**, Medtronic Navigation, Inc., a Corporation organized under and pursuant to the laws of Delaware having its principal place of business at 826 Coal Creek Circle, Coal Creek Corporate Center One, Louisville, Colorado 80027 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said Inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned Inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, including the right to recover for past infringements, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said Inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said Inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or

counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said Inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said Inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

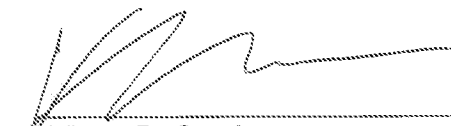
AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said Inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

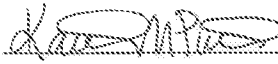
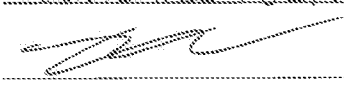
AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

HARNESS, DICKEY & PIERCE, P.L.C.

All practitioners at Customer Number 132492

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

  
\_\_\_\_\_  
Victor D. Snyder  
07 Feb 2019  
\_\_\_\_\_  
Dated

Witness 1  
Signature:   
\_\_\_\_\_  
Witness 1  
Printed Name: Katherine Puckett  
\_\_\_\_\_  
Witness 2  
Signature:   
\_\_\_\_\_  
Witness 2  
Printed Name: Robert Paul  
\_\_\_\_\_

Matthew F. Dicorleto  
Matthew F. Dicorleto  
06 FEB 2019  
Dated

Witness 1  
Signature: [Signature]  
Witness 1  
Printed Name: Marco Capote  
Witness 2  
Signature: Eric M Johnson  
Witness 2  
Printed Name: Eric Johnson

\_\_\_\_\_  
Joseph Moctezuma  
\_\_\_\_\_  
Dated

Witness 1  
Signature: \_\_\_\_\_  
Witness 1  
Printed Name: \_\_\_\_\_  
Witness 2  
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Witness 2  
Printed Name: \_\_\_\_\_

\_\_\_\_\_  
David E. Macht  
\_\_\_\_\_  
Dated

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Signature: \_\_\_\_\_  
Witness 1  
Printed Name: \_\_\_\_\_  
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Signature: \_\_\_\_\_  
Witness 2  
Printed Name: \_\_\_\_\_

\_\_\_\_\_  
Jeremiah R. Beers  
\_\_\_\_\_  
Dated

Witness 1  
Signature: \_\_\_\_\_  
Witness 1  
Printed Name: \_\_\_\_\_  
Witness 2  
Signature: \_\_\_\_\_  
Witness 2  
Printed Name: \_\_\_\_\_

Matthew F. Dicorleto

Dated

Witness 1  
Signature: \_\_\_\_\_  
Witness 1  
Printed Name: \_\_\_\_\_  
Witness 2  
Signature: \_\_\_\_\_  
Witness 2  
Printed Name: \_\_\_\_\_

  
Joseph Morteizuma  
FEB 11, 2019  
Dated

Witness 1 <sup>(initials)</sup>  
Signature: *Kay Wright*  
Witness 1  
Printed Name: *Kay Wright*  
Witness 2  
Signature: *Robert Teichman*  
Witness 2  
Printed Name: *Robert Teichman*

David E. Macht

Dated

Witness 1  
Signature: \_\_\_\_\_  
Witness 1  
Printed Name: \_\_\_\_\_  
Witness 2  
Signature: \_\_\_\_\_  
Witness 2  
Printed Name: \_\_\_\_\_

Jeremiah R. Beers

Dated

Witness 1  
Signature: \_\_\_\_\_  
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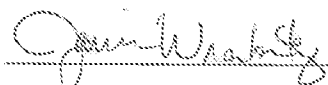
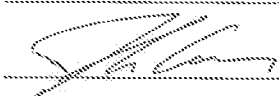
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Matthew F. Dicorleto  
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Dated

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Printed Name: \_\_\_\_\_  
Witness 2  
Signature: \_\_\_\_\_  
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Printed Name: \_\_\_\_\_

\_\_\_\_\_  
Joseph Moctezuma  
\_\_\_\_\_  
Dated

Witness 1  
Signature: \_\_\_\_\_  
Witness 1  
Printed Name: \_\_\_\_\_  
Witness 2  
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Witness 2  
Printed Name: \_\_\_\_\_

  
\_\_\_\_\_  
David E. Macht  
4/19/2019  
\_\_\_\_\_  
Dated

Witness 1  
Signature:  \_\_\_\_\_  
Witness 1  
Printed Name: JAIME WRABETZ  
\_\_\_\_\_  
Witness 2  
Signature:  \_\_\_\_\_  
Witness 2  
Printed Name: John Connor  
\_\_\_\_\_

\_\_\_\_\_  
Jeremiah R. Beers  
\_\_\_\_\_  
Dated

Witness 1  
Signature: \_\_\_\_\_  
Witness 1  
Printed Name: \_\_\_\_\_  
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Witness 2  
Printed Name: \_\_\_\_\_



Matthew F. Dicorleto

Dated

Witness 1

Signature: \_\_\_\_\_

Witness 1

Printed Name: \_\_\_\_\_

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Printed Name: \_\_\_\_\_

Joseph Moctezuma

Dated

Witness 1

Signature: \_\_\_\_\_

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Printed Name: \_\_\_\_\_

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Printed Name: \_\_\_\_\_

David E. Macht

Dated

Witness 1

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Witness 2

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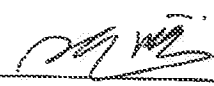
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Jeremiah R. Beers

4/17/2010  
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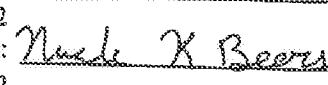
Witness 1

Signature: 

Witness 1

Printed Name: Jose Martinez

Witness 2

Signature: 

Witness 2

Printed Name: Nicole K Beers

Witness 1

Signature: \_\_\_\_\_

Katherine M. Puckett  
Katherine M. Puckett  
7 Feb 2019  
Dated

Witness 1  
Signature: [Signature]  
Witness 1  
Printed Name: Victor Snyder  
Witness 2  
Signature: [Signature]  
Witness 2  
Printed Name: [Signature]

Katharine E. Darling  
Katharine E. Darling  
Dated

Witness 1  
Signature: \_\_\_\_\_  
Witness 1  
Printed Name: \_\_\_\_\_  
Witness 2  
Signature: \_\_\_\_\_  
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Leonid Kleyman  
Leonid Kleyman  
Dated

Witness 1  
Signature: \_\_\_\_\_  
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Printed Name: \_\_\_\_\_  
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Dany Junio  
Dated

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Katherine M. Puckett

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Dated

Witness 1  
Signature: .....  
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Printed Name: .....  
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Witness 2  
Printed Name: .....

*K. Darling*  
.....  
Katharine E. Darling  
2/26/19  
.....  
Dated

Witness 1  
Signature: *[Signature]*  
Witness 1  
Printed Name: *JULIA MAHE*  
Witness 2  
Signature: *Ka*  
Witness 2  
Printed Name: *KATHERINE FITZGERALD*

.....  
Leonid Kleyman

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Dated

Witness 1  
Signature: .....  
Witness 1  
Printed Name: .....  
Witness 2  
Signature: .....  
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Dany Junio

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Signature: .....  
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Katherine M. Puckett

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Printed Name: \_\_\_\_\_

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Katharine E. Darling

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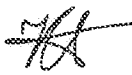
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Feb. 17, 2019

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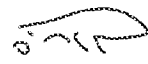
Ziv Shahaf

Witness 2

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Boris Bashkansky

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Dany Junio

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Printed Name: \_\_\_\_\_

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\_\_\_\_\_  
Katherine M. Puckett

Dated

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\_\_\_\_\_  
Katharine E. Darling

Dated

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Leonid Kleiman

Dated

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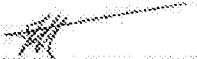
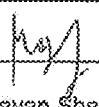
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7 Feb 2019

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Signature: \_\_\_\_\_  
Witness 1  
Printed Name: OR RIVEN  
Witness 2  
Signature: \_\_\_\_\_  
Witness 2  
Printed Name: Yair Schwartz

Attorney No.: 5074A-000207-US

  
\_\_\_\_\_  
Dana Gazit-Ankori  
09-Jan-2020  
\_\_\_\_\_  
Dated

Witness 1  
Signature:   
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Witness 1  
Printed Name: Leonid Klayman  
\_\_\_\_\_  
Witness 2  
Signature:   
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Witness 2  
Printed Name: Maayan Shechvilee  
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Ellyahu Zehavi  
\_\_\_\_\_  
Dated

Witness 1  
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Elad Ratzabi  
27-Oct-2020  
\_\_\_\_\_  
Dated

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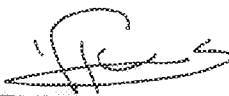
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Aviv Ellman  
\_\_\_\_\_  
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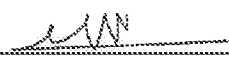
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Dana Gazit-Ankori

\_\_\_\_\_  
Dated

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Witness 2  
Signature: \_\_\_\_\_  
Witness 2  
Printed Name: \_\_\_\_\_

  
\_\_\_\_\_  
Eliyahu Zehavi  
Feb 21, 2019

\_\_\_\_\_  
Dated

Witness 1  
Signature:   
\_\_\_\_\_  
Witness 1  
Printed Name: IDO ZUCKER  
\_\_\_\_\_  
Witness 2  
Signature:   
\_\_\_\_\_  
Witness 2  
Printed Name: Yonatan Ushpizin  
\_\_\_\_\_

\_\_\_\_\_  
Elad Ratzabi

\_\_\_\_\_  
Dated

Witness 1  
Signature: \_\_\_\_\_  
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\_\_\_\_\_  
Aviv Ellman

\_\_\_\_\_  
Dated

Witness 1  
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Printed Name: \_\_\_\_\_  
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\_\_\_\_\_  
Dana Gazit-Ankori

\_\_\_\_\_  
Dated

Witness 1

Signature: \_\_\_\_\_

Witness 1

Printed Name: \_\_\_\_\_

Witness 2

Signature: \_\_\_\_\_

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Printed Name: \_\_\_\_\_

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Eliyahu Zehavi

\_\_\_\_\_  
Dated

Witness 1

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Printed Name: \_\_\_\_\_

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Printed Name: \_\_\_\_\_

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Elad Ratzabi

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Dated

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Witness 1


Printed Name: \_\_\_\_\_

Witness 2

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Witness 2

Printed Name: \_\_\_\_\_

  
\_\_\_\_\_  
Aviv Ellman

\_\_\_\_\_  
03/27/2019

\_\_\_\_\_  
Dated

Witness 1

Signature: \_\_\_\_\_

Witness 1

Printed Name: Yaniv Brami

Witness 2

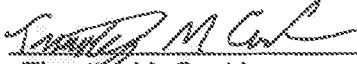
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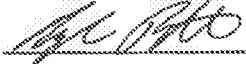

Witness 2

Printed Name: Diego Merkier

  
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\_\_\_\_\_  
Timothy M. Conkin  
May 20, 2019  
\_\_\_\_\_  
Dated

Witness 1  
Signature:   
\_\_\_\_\_  
Witness 1  
Printed Name: Tyler Braketa  
\_\_\_\_\_  
Witness 2  
Signature:   
\_\_\_\_\_  
Witness 2  
Printed Name: Ted Kiehn  
\_\_\_\_\_

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