505839324 12/27/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BENJAMIN SANCHEZ	10/12/2018
SEWARD B. RUTKOVE	10/12/2018
HYEUKNAM KWON	10/12/2018

RECEIVING PARTY DATA

Name:	BETH ISRAEL DEACONESS MEDICAL CENTER, INC.	
Street Address:	TECHNOLOGY VENTURES OFFICE	
Internal Address:	330 BROOKLINE AVENUE, BR-244	
City:	BOSTON	
State/Country:	MASSACHUSETTS	
Postal Code:	02215	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16613609

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER:	B0662.70100US01
NAME OF SUBMITTER:	GRACE BARRON
SIGNATURE:	/Grace Barron/
DATE SIGNED:	12/27/2019

Total Attachments: 5

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PATENT 505839324 REEL: 051376 FRAME: 0912

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> PATENT REEL: 051376 FRAME: 0913

US Application No.: 16/613,609 Filing Date: November 14, 2019 Docket No.: B0662.70100US01

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

- 1. Sell, assign and transfer to Beth Israel Deaconess Medical Center, Inc., a Massachusetts Non-profit Corporation having a place of business at Technology Ventures Office, 330 Brookline Avenue, BR-244, Boston, Massachusetts 02215, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the International Application filed on May 16, 2018 under International Application No. PCT/US2018/033032, bearing Attorney Docket No. B0662.70100WO00, and entitled NEEDLE IMPEDANCE ELECTROMYOGRAPHY AND ELECTRICAL IMPEDANCE IMAGING FOR ENHANCED MUSCLE DIAGNOSTICS, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions and designs; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions and designs, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent, including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs;
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions and designs in its own name; and when requested, without charge to but at the expense of the Assignee, agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions and designs, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and designs and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and designs and for vesting title to the inventions and designs and all applications for patents and all patents on the inventions and designs, in the Assignee;
- 3. Request the Director of the United States Patent and Trademark Office and foreign patent authorities to issue the Letters Patent or other intellectual property rights, including foreign patents, to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing application identification information or correct any errors in the application identification information provided above, whether discovered prior to or after recordation;

Attorney Docket No. B0662.70100WO00

1

- 5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
- 6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. B0662.70100WO00

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lo	/12	12018
Date	7	

Inventor: Benjamin Sanchez

Address: 33 Pond Avenue

Apt.820

Brookline, Massachusetts 02245

UNITED STATES OF AMERICA

Citizenship: Spain

COMMONWEALTH	OF MASSACHUSETTS
COUNTY OF C	-(f(a))

On this	125	day of Oc	tober :	$2-0$ $\frac{1}{3}$, before me, the undersigned notary public,
personally	appeared	Benjar	min Sanchez	, proved to me through satisfactory evidence of
identificati	on, which wer	e Mass	Driver's lice	
to be the p	oerson who sig			ed document in my presence and swore or affirmed
to me that	the contents	of the docum	ent are truthful a	and accurate to the best of (his) (her) knowledge
and belief	and acknowle	dged to me t	ḥat (he) (she) si	gned it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires:

February 19,202/

Attorney Docket No. B0662.70100WO00

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1	0	_	(2	į	B	
Date							

Inventor: Seward B. Rutkove

Address: 79 Lancaster Terrace

Brookline, Massachusetts 02446

UNITED STATES OF AMERICA

Citizenship: US

COMMONWEALTH OF MASSACHUSETTS COUNTY OF

On this 12+8 day of October, 2618, before me, the undersigned notary public,
personally appeared Seward B. Rutkove , proved to me through satisfactory evidence of
identification, which were mass dover's 1. (ens.)
to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

My commission expires:

February 19,2021

Attorney Docket No. B0662.70100WO00

6542058.1

10/	12/2018	
Date		

denan Kmon Inventor: Hyeukmam

Address: 9 Glazer Road

Newton, Massachusetts 02459

UNITED STATES OF AMERICA

Citizenship: Republic of Korea

COMMONWEALTH OF MASSACHUSETTS **COUNTY OF**

		the state of the s	
On this	12-14	day of	Odder

, $20\frac{1}{3}$, before me, the undersigned notary public, , proved to me through satisfactory evidence of personally appeared Hyeuknam Kwon identification, which were

to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

My commission expires:

Attorney Docket No. B0662.70100WO00

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RECORDED: 12/27/2019