PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2869393

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MITSUAKI KABASAWA	04/18/2014
KAZUHIRO WATANABE	04/18/2014
HARUKA SASAKI	04/18/2014
KOUJI INADA	04/18/2014
MAKOTO SANO	04/18/2014

RECEIVING PARTY DATA

Name:	SEN CORPORATION
Street Address:	1-1 OSAKI 2-CHOME, SHINAGAWA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	141-6025

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14286083

CORRESPONDENCE DATA

Fax Number: (202)955-3751

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: 202-955-3750

Email: mxt@raderfishman.com

Correspondent Name: RADER FISHMAN & GRAUER PLLC

Address Line 1: LION BUILDING

Address Line 2: 1233 20TH STREET N.W., SUITE 501

WASHINGTON, D.C. 20036 Address Line 4:

ATTORNEY DOCKET NUMBER:	PRI-0058
NAME OF SUBMITTER:	ERIC L. MAUGHAN
SIGNATURE:	/Eric L. Maughan/
DATE SIGNED:	05/23/2014

Total Attachments: 2

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PATENT REEL: 032957 FRAME: 0373 source=DC640538#page2.tif

PATENT REEL: 032957 FRAME: 0374

Docket Number: pRT-0058

ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

HIGH-ENERGY ION IMPLANTER

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, SEN corporation, a Japanese corporation with offices at 1-1 Osaki 2-chome, Shinagawa-ku, Tokyo 141-6025, Japan, (hereinafter referenced as ASSIGNEES) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of Ten Dollar (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEES, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEES, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEES or its designee, as ASSIGNEES or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without

PATENT REEL: 032957 FRAME: 0375

Docket Number: PRI-0058

further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEES will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow:

Serial Number: 14/286,083 . Filing Date: 05/23/2014

This assignment executed on the dates indicated below.

	Mitsook Robasova	4,18,2014
Mitsuaki KABASAWA	Signature	Date
	<u>Zazuliiro Wabandre</u>	4,78.2019
Kazuhiro WATANABE	Signature	Date
	Kampo Sasapi	APRIL: 18:2014
Haruka SASAKI	Signature	Date
	Kouji Anada Signature	APRIL 18, 2014
Kouji INADA	Signature	Date
	hakoto Jano	APRIL. 18, 2014
Makoto SANO	Signature	Date

PATENT REEL: 032957 FRAME: 0376

RECORDED: 05/23/2014