### 502784110 04/25/2014

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2830705

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SHIRO NINOMIYA	03/14/2012
TETSUYA KUDO	03/14/2012
AKIHIRO OCHI	03/14/2012

#### **RECEIVING PARTY DATA**

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

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14259889

#### CORRESPONDENCE DATA

**Fax Number:** (202)857-6395

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

**Phone:** 2028576000

**Email:** dcipdocket@arentfox.com

**Correspondent Name:** ARENT FOX LLP **Address Line 1:** 1717 K STREET, NW

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20036

ATTORNEY DOCKET NUMBER:	107443.00064	
NAME OF SUBMITTER:	NATASHA BROWN	
SIGNATURE:	/Natasha Brown/	
DATE SIGNED:	04/25/2014	

**Total Attachments: 1** 

source=107443.00064\_ExecutedAssignment#page1.tif

PATENT 502784110 REEL: 032762 FRAME: 0212

Docket Number 107443.00056

# U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

Insert ASSIGNEE's Name(s) Address(es)]

SEN Corporation 1-1, Osaki 2-chome, Shinagawa-ku, Tokyo, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest, including the right to sue for past infringement, if any, and all rights pursuant to 35 U.S.C. §154, to the invention entitled

Title of Invention] ION IMPLANTATION METHOD AND ION IMPLANTATION APPARATUS

[\*If the assignment is being filed after the filing of the application, this section must be completed]

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

filed on March 21, 2012, and assigned Application Number 13/426,423 (Arent Fox LLP is hereby authorized to insert the series code, application number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof, and any other application claiming priority thereto, for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signature(s) of Assignor(s)]

Shiro NINOMIYA March 14, 2012 (TYPE NAME) (DATE) March 14, 2012 Tetsuya KUDO (TYPE NAME) (DATE) March 14, 2012 Akihiro OCHI (TYPE NAME) (DATE) (SIGNATURE) (TYPE NAME) (DATE) (TYPE NAME) (DATE) (SIGNATURE)

NO LEGALIZATION REQUIRED

RECORDED: 04/25/2014

TECH/927732.1

**PATENT REEL: 032762 FRAME: 0213**