

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Shiro NINOMIYA</td> <td>11/22/2012</td> </tr> <tr> <td>Yasuharu OKAMOTO</td> <td>11/22/2012</td> </tr> <tr> <td>Masaki ISHIKAWA</td> <td>11/22/2012</td> </tr> <tr> <td>Takeshi KUROSE</td> <td>11/22/2012</td> </tr> <tr> <td>Akihiro OCHI</td> <td>11/22/2012</td> </tr> </tbody> </table>		Name	Execution Date	Shiro NINOMIYA	11/22/2012	Yasuharu OKAMOTO	11/22/2012	Masaki ISHIKAWA	11/22/2012	Takeshi KUROSE	11/22/2012	Akihiro OCHI	11/22/2012
Name	Execution Date												
Shiro NINOMIYA	11/22/2012												
Yasuharu OKAMOTO	11/22/2012												
Masaki ISHIKAWA	11/22/2012												
Takeshi KUROSE	11/22/2012												
Akihiro OCHI	11/22/2012												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>SEN Corporation</td> </tr> <tr> <td>Street Address:</td> <td>1-1, Osaki 2-chome</td> </tr> <tr> <td>City:</td> <td>Shinagawa-ku, Japan</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	SEN Corporation	Street Address:	1-1, Osaki 2-chome	City:	Shinagawa-ku, Japan	State/Country:	JAPAN				
Name:	SEN Corporation												
Street Address:	1-1, Osaki 2-chome												
City:	Shinagawa-ku, Japan												
State/Country:	JAPAN												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13710174</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13710174								
Property Type	Number												
Application Number:	13710174												
CORRESPONDENCE DATA													
<p>Fax Number: 2028576395 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2028576000 Email: dcipdocket@arentfox.com</p> <p>Correspondent Name: Arent Fox LLP Address Line 1: 1717 K Street, NW Address Line 4: Washington, DISTRICT OF COLUMBIA 20036</p>													
ATTORNEY DOCKET NUMBER:	107443.00060												
NAME OF SUBMITTER:	Natasha Brown												
<p>Total Attachments: 1 source=107443_00060_ExecutedAssignment#page1.tif</p>													

PATENT

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 December 10, 2012, and assigned Application Number 13/710,174

(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)]


(SIGNATURE)

Shiro NINOMIYA
(TYPE NAME)

Nov. 22, 2012
(DATE)


(SIGNATURE)

Yasuharu OKAMOTO
(TYPE NAME)

Nov. 22, 2012
(DATE)


(SIGNATURE)

Masaki ISHIKAWA
(TYPE NAME)

Nov. 22, 2012
(DATE)


(SIGNATURE)

Takeshi KUROSE
(TYPE NAME)

Nov. 22, 2012
(DATE)


(SIGNATURE)

Akihiro OCHI
(TYPE NAME)

Nov. 22, 2012
(DATE)

PATENT