

## PATENT ASSIGNMENT

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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>03/14/2012</td> </tr> <tr> <td>Tetsuya KUDO</td> <td>03/14/2012</td> </tr> <tr> <td>Akihiro OCHI</td> <td>03/14/2012</td> </tr> </tbody> </table>		Name	Execution Date	Shiro NINOMIYA	03/14/2012	Tetsuya KUDO	03/14/2012	Akihiro OCHI	03/14/2012
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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, Shinagawa-ku								
City:	Tokyo								
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>13426423</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13426423				
Property Type	Number								
Application Number:	13426423								
CORRESPONDENCE DATA									
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NAME OF SUBMITTER:	Betsy Bai								
Total Attachments: 1 source=107443-00056_Assignment#page1.tif									

OP \$40.00 13426423

Docket Number \_\_\_\_\_

# 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

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

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

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)]

<u>Shiro Ninomiya</u> (SIGNATURE)	<u>Shiro NINOMIYA</u> (TYPE NAME)	<u>March 14, 2012</u> (DATE)
<u>Tetsuya Kudo</u> (SIGNATURE)	<u>Tetsuya KUDO</u> (TYPE NAME)	<u>March 14, 2012</u> (DATE)
<u>Akihiro Ochi</u> (SIGNATURE)	<u>Akihiro OCHI</u> (TYPE NAME)	<u>March 14, 2012</u> (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)

NO LEGALIZATION REQUIRED

TECH/927732.1

RECORDED: 03/23/2012

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