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Attorney Docket No. P107443-00006

Date: July 31, 2000

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101432857 U.S. PTO  
09/29/02

07/31/00

7-31-00

To the Honorable Commissioner of Patents and Trademarks:  
Please record the attached original documents or copy thereof

## 1. Name of conveying party(ies)

Michiro SUGITANI; Mitsukuni TSUKIHARA; Yoshitomo HIDAKA;  
Mitsuaki KABASAWA; Kouji INADA

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

## 2. Name and address of receiving party(ies):

Name: SUMITOMO EATON NOVA CORPORATION

Street Address: 4-15, Yato-cho 2-chome,  
Tanashi-shi, Tokyo, Japan

City: State: Zip:

Additional name(s) &amp; address(es) attached?

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: July 24, 2000

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application  
is: July 24, 2000

## A. Patent Application No.(s)

New Application

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence  
concerning document should be mailed:

Arent Fox Kintner Plotkin &amp; Kahn, PLLC

Internal Address:

Street Address: 1050 Connecticut Avenue, N.W., Suite 600

City: Washington State: DC Zip: 20036-5339

## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 3.41)..... \$ 40.00

☒ Included in attached Check #297572☒ Any additional fees are authorized to be  
charged to deposit account

## 8. Deposit account number:

01-2300

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true  
copy of the original document.

George E. Oram, Jr.

Name of Person Signing  
Reg. No. 27,931  
SignatureJuly 31, 2000  
Date

Total number of pages including cover sheet, attachments and documents

PATENT

REEL: 010987 FRAME: 0845

Docket No. \_\_\_\_\_

**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

SUMITOMO EATON NOVA CORPORATION

4-15, Yato-cho 2-chome, Tanashi-shi, 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 to the invention entitled

ION IMPLANTATION APPARATUS

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

[Title of  
Invention]

[\*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 \_\_\_\_\_, Serial No. \_\_\_\_\_

(Arent Fox Kintner Plotkin & Kahn, PLLC is hereby authorized to insert the serial code, serial 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 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)]

<u>M. Sugitani</u> (SIGNATURE)	MICHIRO SUGITANI (TYPE NAME)	July 24, 2000 (DATE)
<u>Mitsukuni Tsukihara</u> (SIGNATURE)	MITSUKUNI TSUKIHARA (TYPE NAME)	July 24, 2000 (DATE)
<u>Yoshitomo Hidaka</u> (SIGNATURE)	YOSHITOMO HIDAKA (TYPE NAME)	July 24, 2000 (DATE)
<u>Mitsuaki Kabasawa</u> (SIGNATURE)	MITSUAKI KABASAWA (TYPE NAME)	July 24, 2000 (DATE)
<u>Kouji Inada</u> (SIGNATURE)	KOUJI INADA (TYPE NAME)	July 24, 2000 (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)

NO LEGALIZATION REQUIRED

PATENT

RECORDED: 07/31/2000

REEL: 010987 FRAME: 0846