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05-12-2000

FORM PTO-1594  
1-31-92



U.S. Department of Commerce  
Patent and Trademark Office  
Attorney Docket No. 03327.2238

To the Honorable Commissioner of Patents  
Please record the attached original document...

101353666

ATTN. BOX ASSIGNMENTS

1. Name of conveying parties:  
1) Masashi KONISHI  
2) Shuichi MAENO  
3) Yasunori ANDO  
  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party:  
  
Name: Nissin Electric Co., Ltd.  
Internal Address: \_\_\_\_\_  
Street Address: 47, Umezu Takase-cho, Ukyo-ku  
Kyoto-shi, Kyoto 615, Japan  
City: \_\_\_\_\_  
State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
  
Additional name(s) & Address(es) attached?  
 Yes  No

JCS71 U.S. PTO  
09/559728  
04/28/00

3. Nature of conveyance:  
  
 Assignment  Merger  
 Security Agreement  Change of Name  
  
 Other

Execution Date: April 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: April 24, 2000  
  
A. Patent Application Number: 09 559728  
B. Patent Number: \_\_\_\_\_  
  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
  
Name: Mr. Ernest F. Chapman  
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Street Address: 1300 I Street, N.W.  
City: Washington  
State: DC Zip: 20005-3315

6. Total number of applications and registrations involved: 1  
7. Total fee (37 CFR 3.41): \$40  
  
Enclosed (Please charge deficiency to deposit account)   
Authorized to be charged to deposit account

8. Deposit account number: 06-0916

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.  
  
Ernest F. Chapman  \_\_\_\_\_  
Signature Date

Total number of pages including cover sheet, attachments and documents: \_\_\_\_\_

05/09/2000 JWS/MS 0000003 09559726  
APR 28 2000  
PATENT  
02 FT:502

# ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:  
ION IMPLANTING APPARATUS

(Title of Invention)

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on \_\_\_\_\_, 19 \_\_\_\_\_ (Serial No. \_\_\_\_\_); and

WHEREAS, NISSIN ELECTRIC CO., LTD.  
(Full Name of Assignee)

a corporation of Japan  
(Country of Incorporation)

whose post office address is 47, Umezu Takase-cho, Ukyo-ku, Kyoto-shi, Kyoto 615 Japan

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/We, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee; its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Masashi KONISHI	ASSIGNOR'S SIGNATURE <i>Masashi Konishi</i>	DATE April 24, 2000
ADDRESS c/o NISSIN ELECTRIC CO., LTD., 47, Umezu Takase-cho, Ukyo-ku, Kyoto-shi, Kyoto 615 Japan	CITIZENSHIP Japan	
2. FULL NAME OF SECOND ASSIGNOR, IF ANY Shuichi MAENO	ASSIGNOR'S SIGNATURE <i>Shuichi Maeno</i>	DATE April 24, 2000
ADDRESS c/o NISSIN ELECTRIC CO., LTD., 47, Umezu Takase-cho, Ukyo-ku, Kyoto-shi, Kyoto 615 Japan	CITIZENSHIP Japan	
3. FULL NAME OF THIRD ASSIGNOR, IF ANY Yasunori ANDO	ASSIGNOR'S SIGNATURE <i>Yasunori Ando</i>	DATE April 24, 2000
ADDRESS c/o NISSIN ELECTRIC CO., LTD., 47, Umezu Takase-cho, Ukyo-ku, Kyoto-shi, Kyoto 615 Japan	CITIZENSHIP Japan	
4. FULL NAME OF FOURTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS	CITIZENSHIP	
5. FULL NAME OF FIFTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS	CITIZENSHIP	
6. FULL NAME OF SIXTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS	CITIZENSHIP	