

Attorney Docket No. 021555

03-21-2003

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102396450

Commissioner for Patents: Please record the attached original documents or copy thereof.

Submission type: XX New

3-18-03

Conveyance type: XX Assignment

Conveying Party (ies): (Last, First, Middle Initial) Execution Date

First party Name: **HIRO, Naoki** March 3, 2003

Second party Name: **KOUCHI, Motoki** March 3, 2003

Third party Name: **KOIZUMI, Tomohito** March 5, 2003

Fourth party Name: **RAKUMA, Tsuyoshi** March 3, 2003

Additional name(s) of conveying party(ies) attached? Yes    No XX

Receiving Party (ies):

First party Name: **SANYO ELECTRIC CO., LTD.**

Address: **2-5-5, Keihan-hondori, Moriguchi-shi, Osaka, Japan**

Additional name(s) & address(es) attached? Yes    No XX

Domestic Representative Name and Address



23850

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PATENT TRADEMARK OFFICE

Washington, D.C. 20006

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## Correspondent Name and Address

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1725 K Street, N.W., Suite 1000  
Washington, D.C. 20006

**Pages** Enter the total number of pages of the attached conveyance document: 1  
(including any attachments, but not counting cover sheets)

**Application Number(s) or Patent Number(s)** Additional numbers attached? Yes ☐ No ☒ XX

A. Patent Application No.(s) B. Patent No.(s)

10/308,,166

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: \_\_\_\_\_  
(Do not recite both application and patent numbers.)

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if  
a U.S. Application Number has not been assigned

PCT \_\_\_\_\_  
PCT \_\_\_\_\_  
PCT \_\_\_\_\_

**Number of Properties** Enter the total number of properties involved: 1

**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41). . . . . \$40.00

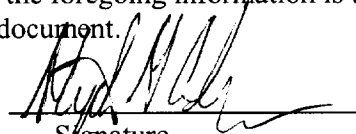
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**Statement and signature**

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.

Stephen G. Adrian  
Name of Person Signing

  
Signature

March 18, 2003  
Date

32,878  
Registration No.

Armstrong, Westerman & Hattori, LLP

Docket No. 021555

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))

SANYO ELECTRIC CO., LTD.  
2-5-5, Keihan-hondori, Moriguchi-shi, Osaka, 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

(Title of Invention)

**NITROGEN TREATING METHOD**

(\*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 3, 2002**, Serial No. **10/308,166**.  
(Armstrong, Westerman & Hattori, LLP is hereby authorized to insert the series 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, divisional, 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 the application and any continuation, 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, divisional, 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).

(Signatures)

<u>Naoki Hiro</u> (SIGNATURE)	<u>HIRO, Naoki</u> (TYPE NAME)	<u>3/3/2003</u> (DATE)
<u>Motoki Kouchi</u> (SIGNATURE)	<u>KOUCHI, Motoki</u> (TYPE NAME)	<u>3/3/2003</u> (DATE)
<u>Tomohito Koizumi</u> (SIGNATURE)	<u>KOIZUMI, Tomohito</u> (TYPE NAME)	<u>5 March 2003</u> (DATE)
<u>Tsuyoshi Rakuma</u> (SIGNATURE)	<u>RAKUMA, Tsuyoshi</u> (TYPE NAME)	<u>3/3/2003</u> (DATE)

NO LEGALIZATION REQUIRED