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01-30-2002

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OMB No. 0651-0027 (exp. 5/31/2002)



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To the Honorable Commissioner, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof

<p>1. Name of conveying party(ies): Sunao Ishizaki</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: <u>NEC Corporation</u></p> <p>Internal Address: _____</p> <p>Street Address: 7-1, Shiba 5-chome Minato-ku Tokyo, Japan</p> <p>City: _____</p> <p>State: _____ Zip: _____</p> <p>Additional name(s) &amp; address(es) attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: <u>January 7, 2002</u></p>	

10/050539  
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01/18/02

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

If this document is being filed together with a new application, the execution date of the new application is: January 7, 2002

A. Patent Application No.(s): \_\_\_\_\_

B. Patent No.(s): \_\_\_\_\_

Additional numbers attached?  Yes  No 10/050539

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Mark J. Thronson</u> <u>DICKSTEIN SHAPIRO MORIN &amp; OSHINSKY LLP</u></p> <p>Internal Address: <u>Atty. Dkt.: NA04</u></p> <p>Street Address: <u>2101 L Street NW</u></p> <p>City: <u>Washington</u> State: <u>DC</u> Zip: <u>20037-1526</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>04-1073</u></p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>
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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.*

Mark J. Thronson (33,082) [Signature] January 18, 2002

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 2

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PATENT  
REEL: 012505 FRAME: 0855

WHEREAS, I (~~WE~~) SUNAO ISHIZAKI Tokyo, Japan

as assignor(s), have invented certain improvements in

DRIVE CIRCUIT OF INK JET HEAD AND DRIVING METHOD OF INK JET HEAD

for which an application for United States Patent  
has been executed by me (us) of even date herewith  
and whereas

NEC Corporation


7-1, Shiba 5-chome, Minato-ku,

Tokyo, Japan

as assignee, is desirous of acquiring all right, title and  
interest in and to said invention and any Patent that may be  
granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00)  
and other good and valuable consideration, the receipt of  
which is hereby acknowledge, I, as assignor, hereby sell,  
assign and set over to said assignee the entire right, title  
and interest for the United States and all other countries  
in and to said invention and the aforesaid application for  
Patent, all original, divisional, continuation, substitute  
or reissue applications and patents applied for or granted  
therefor in the United States and all other countries,  
including all rights of priority from the filing of said  
application, and all rights for past infringement, and the  
Commissioner of Patents is hereby authorized and requested  
to issue all patents on said invention or resulting there-  
from to said assignee herein, as assignee of the entire  
interest therein; and the undersigned for myself and my  
legal representatives, heirs and assigns do hereby agree and  
covenant without further remuneration, to execute and deliver  
all divisional, continuation, reissue and other applications  
for Patent on said invention and all assignments thereof to  
said assignee or its assigns, to communicate to said assignee  
or its representatives all facts known to the undersigned  
respecting said invention, whenever requested, to testify in  
any interferences or other legal proceedings in which any of  
said applications or patents may become involved, to sign all  
lawful papers, make all rightful oaths, and to do generally  
everything necessary to aid said assignee, its successors,  
assigns and nominees to obtain patent protection for said  
invention in the United States and all countries, the expenses  
incident to said applications to be borne and paid by said assignee.

Dated: January 7, 2002

*Sunao Ishizaki*   
SUNAO ISHIZAKI

Witness:

*Fuminori Takizawa*  
*[Signature]*

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PATENT

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