

04-07-2003

RECO



102411730

327-03

Please record the attached original documents or copy thereof.

JCE39 U.S. PTO  
10/400892  
03/27/03

<p>1. Name of conveying party(ies): Junichi KOBAYASHI; Takuichi TSUCHIYA; and Junichi MATSUOKA</p>	<p>2. Name and address of receiving party(ies): Name: NEC Microwave Tube, Ltd. Address: 1120, Shimokuzawa, Sagami-hara-shi, Kanagawa, Japan Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 20 March 2003</p>	

4. Application number(s) or patent number(s):	
A. Patent Application No.(s) <u>Herewith</u> Filed: 27 March 2003	B. Patent No.(s)

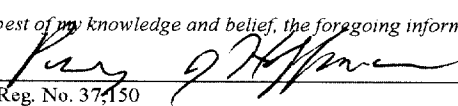
Additional numbers attached?  Yes  No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:  Michael Best &amp; Friedrich, LLC 401 N. Michigan Avenue, 19<sup>th</sup> Floor Chicago, IL 60611-4212  Direct telephone calls to Perry J. Hoffman at telephone no. 312.222.6636 or fax no. 312.222.0818.</p>	<p>6. Total number of applications and patents involved: 1</p> <hr/> <p>7. Total fee (37 CFR 3.41):.....\$ 40.00 <input checked="" type="checkbox"/> Charge to our Deposit Account No. <input checked="" type="checkbox"/> Deficiencies in fee charged to Deposit Account</p> <hr/> <p>8. Deposit account number: 50-1965</p>
---	---

DO NOT USE THIS SPACE

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.*



Perry J. Hoffman, Reg. No. 37,150  
Dated: 27 March 2003

Attorney File 202310-9006

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

OMB No. 0651-0011 (exp. 4/94)

cc: Docketing

S:\CLIENT\202310\9006\C0207312.1

04/04/2003 TDIAZ1 00000085 501965 10400892

01 FC:8021 40.00 CH

PATENT  
REEL: 013912 FRAME: 0111

# ASSIGNMENT

FOR VALUE RECEIVED, the receipt of which is hereby acknowledged, the following inventor or inventors (hereinafter called "ASSIGNOR")

JUNICHI KOBAYASHI, TAKUICHI TSUCHIYA and JUNICHI MATSUOKA

hereby assigns, transfers and sets over to:

NEC Microwave Tube, Ltd.,  
1120, Shimokuzawa, Sagami-hara-shi,  
Kanagawa, Japan

(hereinafter called "ASSIGNEE"), the entire worldwide right, title and interest in and to the invention known as:

POWER-SUPPLY UNIT FOR MICROWAVE TUBE

for which a United States Patent Application was executed on March 20, 2003 and all rights and privileges under any Letters Patent which may be granted thereon, including all rights, if any, throughout the entire world to sue for all past infringements which may have occurred before the execution of this assignment.

(1) The ASSIGNOR agrees without charge to said ASSIGNEE but at its expense (a) to execute (i) all necessary papers to be used in connection with this application and any additional, continuing, or divisional applications, as the ASSIGNEE may deem necessary or expedient, (ii) all papers in connection with any interference or other legal or quasi-legal proceedings relating to this application or any additional, continuing, or divisional application thereof, (iii) all papers and documents which may be necessary in connection with the preparation and filing of any foreign applications or with making claims to priority rights granted under the provisions of the International Convention for Protection of Industrial Property or similar agreements; (b) to cooperate with ASSIGNEE in every way possible in obtaining evidence and going forward in any such proceedings; and (c) to perform all other affirmative acts which may be necessary or desirable to obtain a grant of a valid patent for said invention in any country throughout the world.

(2) ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and the appropriate officials in any other country, to issue any and all Letters Patent that may be granted upon any patent application or any additional, continuing or divisional applications thereof to the ASSIGNEE, its successors and assigns.

(3) ASSIGNOR hereby covenants and warrants that he has full right to convey the entire right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.

(4) ASSIGNOR hereby grants to the law firm of Michael Best & Friedrich, LLC, of Chicago, Illinois, authority and power to insert on this instrument any further identification which may be necessary or desirable for purposes of recordation in the United States Patent and Trademark Office or a Patent Office of any foreign country.

Date March 20, 2003 Signature of Inventor Junichi Kobayashi (SEAL)  
 JUNICHI KOBAYASHI

Date March 20, 2003 Signature of Inventor Takuichi Tsuchiya (SEAL)  
 TAKUICHI TSUCHIYA

Date March 20, 2003 Signature of Inventor Junichi Matsuoka (SEAL)  
 JUNICHI MATSUOKA

Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_ (SEAL)

The execution by the inventor(s) should be witnessed by at least two witnesses who sign here. If this Assignment is signed outside the United States, it should preferably be signed before a United States Consul.

Witness Fumio Seki  
 Witness Tada Muro