
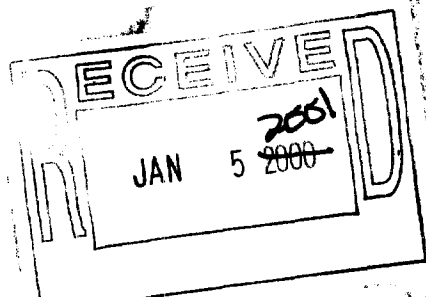
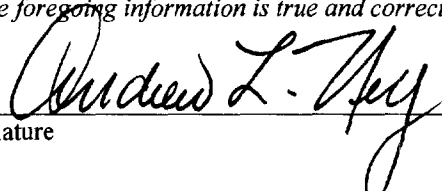


RE <div style="font-size: 2em; font-weight: bold;">1.5.01</div>	 <div style="font-size: 1.5em; font-weight: bold;">101590389</div>	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office T
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof		

<p>1. Name of conveying party(ies): 1) <u>Toshinobu MATSUNO</u> 4) <u>Kaoru INOUE</u> 2) <u>Takeshi FUKUDA</u> 5) <u>Daisuke UEDA</u> 3) <u>Katsunori NISHII</u></p> <p>Additional name(s) of conveying party(ies) 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"/> Correction of Assignment Recordation (previously recorded at Reel _____, Frame _____). <input type="checkbox"/> Other</p> <p>Execution Date: <u>December 20, 2000</u></p>	<p>2. Name and address of receiving party(ies): Name: <u>Matsushita Electronics Corporation</u> Internal Address: _____ Street Address: <u>1-1, Saiwaicho, Takatsukishi</u> City: <u>Osaka</u> State: <u>Japan</u> ZIP: <u>569-1143</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <div style="text-align: center;">  </div>
<p>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: _____ A. Patent Application Number(s) <u>09/687,251</u> B. Patent Number(s) _____</p> <p>Additional number(s) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Andrew L. Ney</u></p> <p>Internal Address: <u>Ratner & Prestia</u></p> <p>Street Address: <u>Suite 301, One Westlakes, Berwyn,</u> <u>P.O. Box 980</u> City: <u>Valley Forge</u> State: <u>PA</u> ZIP: <u>19482-0980</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> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>18-0350</u> (Attach duplicate copy of this page if paying by deposit account.)</p>

DO NOT USE THIS SPACE	
<p>9. Statement and signature. <i>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.</i></p> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 30%;"> <p><u>Andrew L. Ney</u> Name of Person Signing <u>20,300</u> Registration. No.</p> </div> <div style="width: 30%; text-align: center;"> <p> Signature</p> </div> <div style="width: 30%; text-align: center;"> <p><u>January 3, 2001</u> Date</p> </div> </div>	
Total number of pages including cover sheet, attachments, and document: <u>3</u>	
<p>OMB No. 0651-0011 (exp. 4/94)</p> <p style="text-align: center;">Do not detach this portion</p> <p>Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231</p>	

ASSIGNMENT

WHEREAS, the ASSIGNOR, comprising the following named inventor(s)

Inventor(s)

ASSIGNOR(s)/
INVENTOR(s) :

1. Toshinobu MATSUNO
2. Takeshi FUKUDA
3. Katsunori NISHII
4. Kaoru INOUE
5. Daisuke UEDA
6. _____

has made an invention entitled: LATERAL BIPOLAR TRANSISTOR

AND METHOD FOR PRODUCING THE SAME

and has executed an application for Letters Patent of the United States
concurrently herewith;

ASSIGNEE
(Full Name
and address)

WHEREAS, the ASSIGNEE
MATSUSHITA ELECTRONICS CORPORATION

1-1, Saiwaicho, Takatsukishi,

Osaka 569-1143 Japan

is desirous of acquiring the entire interest in and to said invention and the
Letters Patent to be obtained therefor,

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to
ASSIGNOR of a sum corresponding to One Dollar (\$1.00), and for other good
and valuable consideration, the receipt of which is hereby acknowledged,
ASSIGNOR, intending to be legally bound, hereby sells, assigns and transfers
to ASSIGNEE, its successors and assigns the full and exclusive right, title and
interest in and to said invention, all applications for Letters Patent for said
invention, including all divisions and continuations thereof, all rights to claim
priority based thereon, and all Letters Patent, including reissues, to be obtained
therefor, including any and all foreign patent rights in this invention
corresponding thereto.

ASSIGNOR hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

ASSIGNOR agrees it shall be legally bound, upon request of the ASSIGNEE or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the ASSIGNOR has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the ASSIGNEE, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, ASSIGNOR also grants to ASSIGNEE such control over any deposit made by ASSIGNOR as may be necessary to the validity of the patent rights assigned herein.

ASSIGNOR authorizes ASSIGNOR's attorney to insert at the end hereof the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney docket or file designation for this application.

If the ASSIGNOR includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

IN WITNESS WHEREOF, this Assignment is executed on the day indicated below.

(Typed or Printed Name)	(Signature)	(Date)
1. <u>Toshinobu MATSUNO</u>	<u>Toshinobu Matsuno</u>	<u>December 20, 2000</u>
2. <u>Takeshi FUKUDA</u>	<u>Takeshi Fukuda</u>	<u>December 20, 2000</u>
3. <u>Katsunori NISHII</u>	<u>Katsunori Nishii</u>	<u>December 20, 2000</u>
4. <u>Kaoru INOUE</u>	<u>Kaoru Inoue</u>	<u>December 20, 2000</u>
5. <u>Daisuke UEDA</u>	<u>Daisuke Ueda</u>	<u>December 20, 2000</u>

Application for United States Letters Patent

Serial No. 09/687,251 Filed October 13, 2000,
Attorney Docket No. YAO-4329US