

FORM PTO-1595

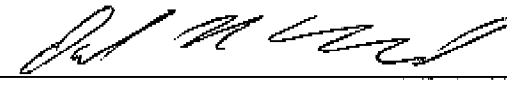
Docket No. V165:DMC:47132

RECORDATION FORM COVER SHEET  
PATENTS ONLY

Box Assignment  
Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Post Office Box 7068  
Pasadena, CA 91109-7068

Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof:

<p>1. Name of conveying party(ies): <b>Gang HE and James HOWARD</b></p> <p>Additional name(s) of conveying party(ies) attached: No</p>	<p>2. Name and address of receiving party(ies): Name: <b>VITESSE SEMICONDUCTOR CORPORATION</b> Street Address: <b>741 Calle Plano, Camarillo, California 93012</b></p> <p>Additional name(s) &amp; address(es) attached? No</p>		
<p>3. Name of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment      <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement      <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:</p> <p>Execution Date: <b>March 25, 2003</b></p>			
<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is:</p> <table border="0"> <tr> <td data-bbox="121 1060 698 1113">A. Patent Application No.(s) 10/364,075, filed February 10, 2003</td> <td data-bbox="755 1060 1502 1113">B. Patent No.(s)</td> </tr> </table> <p>Additional numbers attached? No</p>		A. Patent Application No.(s) 10/364,075, filed February 10, 2003	B. Patent No.(s)
A. Patent Application No.(s) 10/364,075, filed February 10, 2003	B. Patent No.(s)		
<p>5. Please return the recorded document and address all correspondence to:</p> <p><b>CHRISTIE, PARKER &amp; HALE, LLP</b> P.O. Box 7068 Pasadena, CA 91109-7068 Attention: <b>Daniel M. Cavanagh</b></p>	<p>6. Total number of applications and patents involved..... <span style="border: 1px solid black; padding: 2px;">One</span></p> <p>7. <input checked="" type="checkbox"/> Total fee to be charged to Deposit Account No. 03-1728 (37 CFR 3.41): \$ 40.00</p> <p>8. <input checked="" type="checkbox"/> Any deficiency or overpayment of fees should be charged or credited to <b>Deposit Account No. 03-1728</b>, except for payment of issue fees required under 37 CFR § 1.18. Please show our docket number with any credit or charge to our Deposit Account.</p>		
<p>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.</p> <p>Date: April 1, 2003</p> <p>By: </p> <p>Name: Daniel M. Cavanagh, Registration No. 41,661 626/795-9900</p> <p>Total number of pages including cover sheet, attachments, and document: <span style="border: 1px solid black; padding: 2px;">4</span></p>			
<p>DMC/rmw RMW IRV1064244.1*-4/1/03 12:06 PM</p>			

**Docket No. 47132/DMC/V165**

**Joint**

**ASSIGNMENT**

**WHEREAS, WE,** Gang HE and James HOWARD, of 741 Calle Plano, Camarillo, California 93012 and 741 Calle Plano, Camarillo, California 93012, respectively, have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled SELF-ALIGNED BIPOLAR TRANSISTOR, filed February 10, 2003, Application No. 10/364,075.

**AND WHEREAS** VITESSE SEMICONDUCTOR CORPORATION, a Delaware corporation, having a place of business at 741 Calle Plano, Camarillo, California 93012 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said improvements and application.

**NOW, THEREFORE,** in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said improvements, and said application and all divisions and continuations thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said improvements in any foreign countries; and we hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

**AND WE HEREBY** covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

**AND WE HEREBY** further covenant and agree that we will communicate to ASSIGNEE any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

ASSIGNMENT

Joint

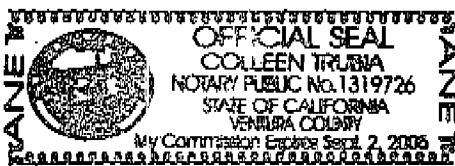
Docket No. 47132/DMC/V165

IN TESTIMONY WHEREOF, I hereunto set my hand this 25 day of March 03, 2003.

Gang HE  
Gang HE

STATE OF California )  
COUNTY OF Ventura )

On March 25, 2003, before me Colleen Trubia, Notary Public, personally appeared Gang HE ~~personally known to me~~ (or ~~proved to me on the basis of satisfactory evidence~~) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.

Colleen Trubia  
Signature of Notary

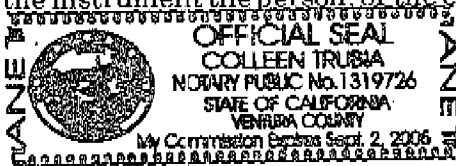
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IN TESTIMONY WHEREOF, I hereunto set my hand this 25 day of March 03, 2003.

James M Howard  
James HOWARD

STATE OF California )  
COUNTY OF Ventura )

On March 25, 2003, before me Colleen Trubia, Notary Public, personally appeared James HOWARD ~~personally known to me~~ (or ~~proved to me on the basis of satisfactory evidence~~) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.

Colleen Trubia  
Signature of Notary

PYI/rmw  
RMW IRV1063449.1 - 3/6/03 4:33 PM