

04-15-1999

FORM PTO-1595

Docket No. 32592/DMC/S696



4.2.99

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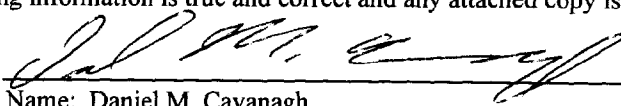
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Box Assignment
Commissioner of Patents and Trademarks
Washington, D.C. 20231

Post Office Box 7068
Pasadena, CA 91109-7068

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

1-503 U.S. PTO
09/285320
04/02/99

<p>1. Name of conveying party(ies): Guojin Liang J. Eric Ruetz</p> <p>Additional name(s) of conveying party(ies) attached: N/A</p>	<p>2. Name and address of receiving party(ies): Name: S3 Incorporated, Inc. Street Address: 2801 Mission College Boulevard, Santa Clara, California 95052</p>		
<p>3. Name 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:</p> <p>Execution Date: April 2, 1999</p>	<p>Additional name(s) & address(es) attached? NO</p>		
<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: April 2, 1999</p> <table border="1"> <tr> <td data-bbox="66 978 711 1136">A. Patent Application No.(s)</td> <td data-bbox="711 978 1523 1136">B. Patent No.(s) N/A</td> </tr> </table> <p>Additional numbers attached? NO</p>		A. Patent Application No.(s)	B. Patent No.(s) N/A
A. Patent Application No.(s)	B. Patent No.(s) N/A		
<p>5. Please return the recorded document and address all correspondence to: CHRISTIE, PARKER & HALE, LLP P.O. Box 7068 Pasadena, CA 91109-7068 Attention: Daniel M. Cavanagh</p>	<p>6. Total number of applications and patents involved..... 1</p> <p>7. <input checked="" type="checkbox"/> Total fee enclosed (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 Deposit Account No. 03-1728, 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. Date: April 2, 1999</p> <p>By  Name: Daniel M. Cavanagh 626/795-9900</p>	<p>10. <input type="checkbox"/> Explanatory letter is enclosed.</p> <p>Total number of pages including cover sheet, attachments, and document: 3</p>		

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DMC/dlm

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PATENT
REEL: 9878 FRAME: 0960

Docket No. 32592/DMC/S696

Joint

ASSIGNMENT

WHEREAS, WE, Guojin Liang, residing at 529 Bayview Park Drive, Milpitas, California 95035 and J. Eric Ruetz, residing at 4000 Chris Court, Soquel, California 95073, respectively, have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled **DIFFERENTIAL CHARGE PUMP WITH LOW VOLTAGE COMMON MODE FEEDBACK CIRCUIT**, and executed by us on April 2, 1999;

AND WHEREAS S3 INCORPORATED, INC., a Delaware corporation, having a place of business at 2801 Mission College Blvd., Santa Clara, California 95052 (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;

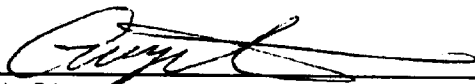
AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

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
Docket No. 32592/DMC/S696

Joint

IN TESTIMONY WHEREOF, I hereunto set my hand this 2 day of APRIL, 19 99.

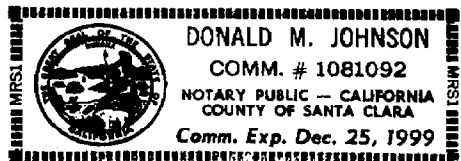


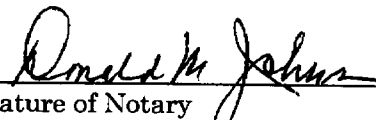
Guojin Liang

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

On APRIL 2, 1999, before me DONALD M. JOHNSON, Notary Public, personally appeared Guojin Liang 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.

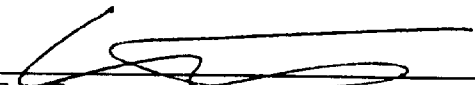
WITNESS my hand and official seal.





Signature of Notary

IN TESTIMONY WHEREOF, I hereunto set my hand this 2 day of APRIL, 19 99.

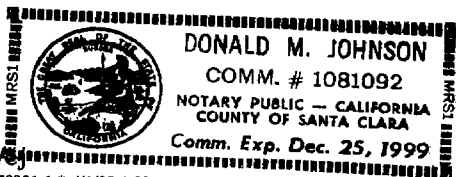


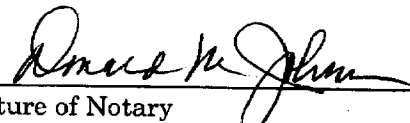
Eric Ruetz

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

On APRIL 2, 1999, before me DONALD M. JOHNSON, Notary Public, personally appeared J. Eric Ruetz 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.





Signature of Notary

DMC
EJ PAS176881.1*-4/1/99 1:09 pm