

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>		NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>		ASSIGNMENT
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
HITACHI, LTD.		06/14/2010
Hitachi ULSI Systems Co., Ltd.		07/07/2010
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	Elpida Memory, Inc.	
<b>Street Address:</b>	2-1, Yaesu 2-chome, Chuo-ku	
<b>City:</b>	Tokyo	
<b>State/Country:</b>	JAPAN	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
Patent Number:	7200061	
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<b>ATTORNEY DOCKET NUMBER:</b>	TSUT.0087	
<b>NAME OF SUBMITTER:</b>	Juan Carlos A. Marquez by V. Shockey	
<b>Total Attachments: 2</b>		
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## ASSIGNMENT

WHEREAS, **HITACHI, LTD. and Hitachi ULSI Systems Co., Ltd.**, whose post office addresses appear below (hereinafter referred to as ASSIGNORS), hold an undivided partial ownership in the right, title and interest in certain new and useful improvements in a(n) **SENSE AMPLIFIER FOR SEMICONDUCTOR MEMORY DEVICE** (hereinafter referred to as THE INVENTION) for which a United States Letters Patent was issued on **April 3, 2007, Patent No. 7,200,061**.

WHEREAS, **Elpida Memory, Inc.**, 2-1, Yaesu 2-chome, Chuo-ku, Tokyo, Japan (hereinafter referred to as ASSIGNEE), is desirous of acquiring the Assignors' undivided interest in and to the same in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, we, ASSIGNORS, by these presents do sell, assign and transfer unto said ASSIGNEE, our undivided right, title and interest in and to said invention and patent throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said patent; and our undivided right, title and interest in and to said invention throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNORS under the terms of the Paris International Convention and all other available international conventions and treaties; and our undivided right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said invention.

ALSO, ASSIGNORS hereby agree to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said patent or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention, all without further consideration. ASSIGNORS also agree, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the invention that are within ASSIGNORS' possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNORS' obligations under this instrument shall extend to ASSIGNORS' heirs, executors, administrators and other legal representatives.

ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of Assignors' undivided right, title and interest in and to the same, for ASSIGNEE'S sole use and behalf; and for the use and behalf of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNORS had this assignment and sale not been made.

Name: HITACHI, LTD.  
Address: 6-6, Marunouchi 1-chome,  
Chiyoda-ku, Tokyo,  
Japan



(Signature)

Kensuke OKA

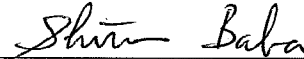
Corporate Officer  
General Manager, Intellectual Property Group  
(Authorized Signing Officer)

(Title)

June 14, 2010

(Date)

Name: Hitachi ULSI Systems Co., Ltd.  
Address: 1-1, Higashikoigakubo 3-chome,  
Kokubunji-shi, Tokyo, Japan



(Signature)

Shiro BABA

President & CEO

(Title)

July 7, 2010

(Date)