PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

	502396547 PATENT				
Signature: /Joseph P. Curtin/					
NAME OF SUBMITTER: Joseph P. Curtin					
ATTORNEY DOCKET NUMBER: 132.0013					
Address Line 4:	Portland	, OREGON 97229-5291			
Address Line 1: 1469 N.W. Morgan Lane					
Correspondent Name		-			
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<i>Correspondence will</i> I Phone:	<i>be sent via US</i> 503-296	Mail when the fax attempt is unsucces	sful.		
Fax Number:	5032970				
CORRESPONDENCE	DATA				
Application Number:					
Property T	vpe	Num	ber	646	
PROPERTY NUMBER	RS Total: 1				
Postal Code: 97006					
State/Country:	OREGON				
City:	Beaverton				
Street Address:	16505 N.W. E	Bethany Court			
Name:	Avnera Corpo	pration			
RECEIVING PARTY [ΟΑΤΑ				
Wai Laing Lee			06/21/2013		
Garry N. Link			06/21/2013		
Amit Kumar			06/21/2013		
Jianping Wen			06/21/2013		
		Name	Execution Date		
	DATA				
		Reel 029560 Frame 0301. As	signor(s) hereby confirms the Assignment		
NATURE OF CONVE		Corrective Assignment to corr	ect the Name of Assignee previously reco	the Name of Assignee previously recorded on	
	CORRECTIVE ASSIGNMENT				

Date:	06/25/2013
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Electronic Version v1.1 Stylesheet Version v1.1

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NATURE OF CON	VEYANCE:	ANCE: ASSIGNMENT			
CONVEYING PAR	TY DATA	······································			
		Name Execution Date			
Jianping Wen		12/28/2012	******		
Amit Kumar		12/28/2012			
Garry N. Link		12/28/2012			
Wai Laing Lee		01/02/2013			
RECEIVING PAR	TY DATA				
Name:	Avnera, Inc.				
Street Address:	16505 N.W.	Bethany Court, Suite 100			
City:	Beaverton				
64-4-10	OREGON				
State/Country:	HOLOGOIN				
Postal Code:	97006	1			
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Postal Code: PROPERTY NUM Property Application Numb CORRESPONDENCE I Fax Number: Phone: Email: Correspondence will via US Mail Correspondent Nan Address Line 1: Address Line 4:	97006 BERS Total: 1 Type er: DATA 503297 503-290 joe@ha be sent to the e ne: JOSEP1 1469 N PORTL XET NUMBER	Number 13733301 70452 76-8373 awk-ip.com e-mail address first; if that is unsuccessful, it will be sent H.P. CURTIN I.W. MORGAN LANE .AND, OREGON 97229			

Date:		01/03/2013	
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RECEIPT INFORMATION	I		
EPAS ID:	PAT222165	56	
Receipt Date:	01/03/2013	;	
Fee Amount:	\$40		

ASSIGNMENT OF APPLICATION

Whereas, We, (1) Jianping Wen of 9415 SW Diamond Way, Beaverton, Oregon 97007; (2) Amit Kumar of 11391 NW Kearney St., Portland, Oregon 97229; (3) Garry N. Link of 33820 Rip Tide Dr., Pacific City, Oregon 97135; and (4) Wai Laing Lee of 5105 Maulding Pass, Austin, Texas 78749; hereinafter referred to as "Applicants", own certain new and useful improvements in a

MULTIPLE OUTPUT DYNAMIC ELEMENT MATCHING ALGORITHM WITH MISMATCH NOISE SHAPING FOR DIGITAL TO ANALOG CONVERTERS

for which a Declaration for a Non-Provisional Utility Patent Application was executed on (1) December 28, 2012; (2) December 28, 2012; (3) December 28, 2012; and (4) January 2, 2013; and

Whereas, Avnera Corporation of 16505 N.W. Bethany Court, Suite 100, Beaverton, Oregon, herein referred to as "Assignee", desires to acquire the entire right, title and interest in the Application and invention, and to any United States and foreign patents to be obtain therefore;

Now therefore, for good and valuable consideration, the receipt of which is acknowledged. We, the Applicants hereby sell, assign and transfer to Assignee, its successors and assigns, the entire right, title and interest in the applications and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States applications, and We request the Commissioner of Patents to issue any Letters Patents granted upon the inventions set forth in the application to Assignee, its successors and assigns; and We hereby agree that Assignee may apply for foreign Letters Patent on the invention and We will execute all papers necessary in connection with the United States and foreign application when called upon to do so by Assignee.

Executed this	24	day of	June	, 2013.
(1) Jianping Wen	- ZZU	<u>e</u>	and the second	

Page 1 of 2

PATENT REEL: 030677 FRAME: 0630

Executed this 21 st	_day of	, 2013.
(2) Amit Kumar		
Executed this	_day of	, 2013.
(3) Garry N. Link		
Executed this	_day of	, 2013.
(4) Wai Laing Lee		

Executed this	_day of	, 2013.
(2) Amit Kumar		
Executed this 2/5+ (3) Garry N. Link	_day of	, 2013.
Executed this	_day of	, 2013.
(4) Wai Laing Lee		

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Executed this	day of	****	, 2013.
(2) Amit Kumar			
Executed this	day of		, 2013.
(3) Garry N. Link			
Executed this21	day of	June	, 2013.
(4) Wai Laing Lee	te		

RECORDED: 06/25/2013