

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT						
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT						
<b>CONVEYING PARTY DATA</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>ERIC S SHAPIRO</td> <td>12/23/2003</td> </tr> <tr> <td>KURSAD KIZILOGLU</td> <td>12/18/2003</td> </tr> </tbody> </table>		Name	Execution Date	ERIC S SHAPIRO	12/23/2003	KURSAD KIZILOGLU	12/18/2003
Name	Execution Date						
ERIC S SHAPIRO	12/23/2003						
KURSAD KIZILOGLU	12/18/2003						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	INTEL CORPORATION						
<b>Street Address:</b>	2200 MISSION COLLEGE BOULEVARD						
<b>City:</b>	SANTA CLARA						
<b>State/Country:</b>	CALIFORNIA						
<b>Postal Code:</b>	95052						
<b>PROPERTY NUMBERS Total: 1</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>10748500</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10748500		
Property Type	Number						
Application Number:	10748500						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(713)468-8883						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
<b>Phone:</b>	(713) 468-8880						
<b>Email:</b>	tipton@tphm.com						
<b>Correspondent Name:</b>	Timothy N. Trop						
<b>Address Line 1:</b>	Trop, Pruner & Hu, P.C.						
<b>Address Line 2:</b>	8554 Katy Freeway, Suite 100						
<b>Address Line 4:</b>	Houston, TEXAS 77024						
<b>NAME OF SUBMITTER:</b>	Timothy N. Trop						
<b>Total Attachments: 3</b> source=ITL.1050US Assignment#page1.tif source=ITL.1050US Assignment#page2.tif source=ITL.1050US Assignment#page3.tif							

CH \$40.00 10748500

## ASSIGNMENT

WHEREAS, We, ERIC S. SHAPIRO, JOSE ROBINS, KEVIN W. GLASS, and KURSAD KIZILOGLU, are joint inventors of DIFFERENTIAL TRAVELING WAVE DRIVER AMPLIFIER, application for United States Letters Patent which is executed of even date herewith; and

WHEREAS, INTEL CORPORATION, a corporation created and existing under and by virtue of the laws of the State of Delaware, is desirous of acquiring the entire right, title and interest in and to the aforesaid invention throughout the world, and all right, title and interest in, to and under any and all Letters Patent of the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over to INTEL CORPORATION, all right, title and interest in and to the said invention throughout the world, and said application for U.S. Letters Patent, and any and all divisions, continuations, and reissues thereof, and any and all Letters Patent of the United States and foreign countries which may be granted therefor, the same to be held and enjoyed by INTEL CORPORATION for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States or foreign countries are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application and from any and all divisions, continuations, and reissues thereof, to INTEL CORPORATION, as assignee of our entire interest, and hereby covenant that we have the 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 further hereby covenant and agree that we will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefor, to INTEL CORPORATION, its successors, assigns, or other legal representatives and that if INTEL CORPORATION, its successors, assigns or other legal representatives shall desire to file any divisional or continuation applications or to secure a reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

And we do further covenant and agree that we will, at any time upon request, communicate to INTEL CORPORATION, its successors, assigns or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to us, and testify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

EXECUTED THIS 23 day of DECEMBER, 2003.

  
Name: ERIC S. SHAPIRO  
\*\*\*\*\*

EXECUTED THIS \_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
Name: JOSE ROBINS  
\*\*\*\*\*

EXECUTED THIS \_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
Name: KEVIN W. GLASS  
\*\*\*\*\*

EXECUTED THIS \_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
Name: KURSAD KIZILOGLU

ITL1050US (P17704)

And we do further covenant and agree that we will, at any time upon request, communicate to INTEL CORPORATION, its successors, assigns or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to us, and testify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

EXECUTED THIS \_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
Name: ERIC S. SHAPIRO

\*\*\*\*\*

EXECUTED THIS \_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
Name: JOSE ROBINS

\*\*\*\*\*

EXECUTED THIS \_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
Name: KEVIN W. GLASS

\*\*\*\*\*

EXECUTED THIS 18th day of December, 2003.

  
\_\_\_\_\_  
Name: KURSAD KIZIOGLU

ITL.1050US (P17704)