

09-07-1999

U.S. Department of Commerce  
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PATENT



101136310

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## Conveyance Type

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U.S. Government

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☐ Departmental File ☐ Secret File

## Conveying Party(ies)

☐ Mark if additional names of conveying parties attachedExecution Date  
Month Day Year

Name (line 1) Hai T. Nguyen

July 28, 1999

Name (line 2) Menping Chang

July 28, 1999

Name (line 4)

Name (line 4)

## Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Kendin Communications, Inc.

Name (line 2)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Address (line 1) 486 Mercury Drive

Address (line 2)

Address (line 3) Sunnyvale

California

94086

## Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name Arnold M. de Guzman, Esq.

Address (line 1) Fenwick &amp; West LLP

Address (line 2) Two Palo Alto Square

Address (line 3) Palo Alto, California

Address (line 4) (650) 858-7986

09/03/1999 DNGUYEN 00000245 09322247

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Mail documents to be recorded with required cover sheet(s) information to:

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

21901/03945/921745 V

**Correspondent Name and Address**

Area Code and Telephone (650) 858-7986

Name Arnold M. de Guzman, Esq.

Address (line 1) Fenwick &amp; West LLP

Address (line 2) Two Palo Alto Square

Address (line 3) Palo Alto, California

Address (line 4)

**Pages**

Enter the total number of pages of the conveyance document including attachments # 4

**Application Number(s) or Patent Number(s)**☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09/322,247

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**Enter PCT application number  
only if a U.S. Application Number  
has not been assigned

PCT

PCT

PCT

PCT

PCT

PCT

**Number of Properties**

Enter the total number of properties involved.

# 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40.00

Method of Payment

Enclosed



Deposit Account

**Deposit Account**

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# 19-2555

Authorization to charge additional fees:

Yes ☒No ☐**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. Charges to deposit account are authorized, as indicated herein.*

Arnold M. de Guzman

Name of Person Signing

Signature

August 24, 1999

Date

**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to Kendin Communications, Inc., a Delaware corporation, having a place of business at 486 Mercury Drive, Sunnyvale, California 94086 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the application for United States Letters Patent entitled: **Baseline Wander Compensation Circuit And Method** ("APPLICATION"), which:

☐ is to be filed herewith

☒ was filed on May 28, 1999, now bearing U.S. serial number 09/322,247 and for which a Declaration was executed by INVENTOR on the date(s) below; and

2. The entire worldwide right, title, and interest in and to:

(a) the APPLICATION, including any right of priority; (b) any divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; and (c) any patents which may be granted on the applications set forth in (a) and (b) above.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has made or will make hereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

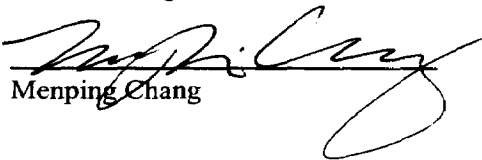
<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
<u>Hai T. Nguyen</u>	<u>07/28</u> , 1999	<u>07/28</u> , 1999

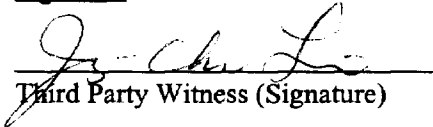
<u>Name</u>	<u>Signature</u>	<u>Date Of Signature</u>
<u>Jung-Chen Lin</u>	<u>Jung-Chen Lin</u>	<u>7/28</u> , 1999
Third Party Witness (Printed Name)	Third Party Witness (Signature)	

Title of Document: ASSIGNMENT

Re:  
Title: Baseline Wander Compensation Circuit And Method  
Filed: (if applicable) May 28, 1999  
Serial No.: (if applicable) 09/322,247

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<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
 Menping Chang	<u>7-28</u> .1999	<u>7-28</u> .1999

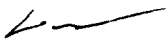
<u>Name</u>	<u>Signature</u>	<u>Date Of Signature</u>
<u>Jung-Chen Lin</u> Third Party Witness (Printed Name)	 Third Party Witness (Signature)	<u>7/28</u> .1999

0001/PTO Rev. 10/95		U.S. Department of Commerce Patent and Trademark Office		Application Number	09/322,247
<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence during pendency of filed application)</i>				Filing Date	May 28, 1999
				First Named Inventor	Hai T. Nguyen
				Group Art Unit Number	2858
				Examiner Name	not yet known
Total Number of Pages in This Submission		7	Attorney Docket Number	3945 US	

**ENCLOSURES (check all that apply)**


- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate)<br><input checked="" type="checkbox"/> Check Enclosed (\$40.00/Assignment Recordation)<br><input checked="" type="checkbox"/> Return Receipt Postcard<br><input type="checkbox"/> Response to Notice to File Missing Parts<br><input checked="" type="checkbox"/> Assignment & Recordation Cover Sheet (PTO-1619A)<br><input type="checkbox"/> Declaration<br><input type="checkbox"/> Small Entity Statement<br><input type="checkbox"/> Information Disclosure Statement & PTO-1449<br><input type="checkbox"/> Copies of IDS Cited References<br><input type="checkbox"/> Request for Corrected Filing Receipt<br><input type="checkbox"/> Request for Correction of Recorded Assignment<br><input type="checkbox"/> Amendment/Response: [ ] Page(s)<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Revocation and Power of Attorney | <input type="checkbox"/> Issue Fee Transmittal<br><input type="checkbox"/> Letter to Chief Draftsperson<br><input type="checkbox"/> Formal Drawing(s):<br>[ ] Sheet(s) of Figure(s) [ ]<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group<br><i>(Appeal Notice, Brief, Reply Brief)</i><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> After Allowance Communication to Group<br><input checked="" type="checkbox"/> Certification of 1 <sup>st</sup> Class Mailing<br><input checked="" type="checkbox"/> Authorization to Charge Deposit Account<br><i>(per Fee Transmittal)</i><br><input type="checkbox"/><br><input type="checkbox"/> |
|--|---|

**REMARKS:****SIGNATURE OF ATTORNEY OR AGENT**

Signature:		
Attorney/Reg. No.:	Arnold M. de Guzman/Reg. No. 39,955	Dated: August 24, 1999

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.

Signature:		
Typed or Printed Name:	Arnold M. de Guzman, Esq.	Dated: August 24, 1999
Express Mail Mailing Number (optional):		

0002/PTO(modified) Rev. 10/95	U.S. Department of Commerce Patent and Trademark Office	<b>Complete if Known</b>	
<b>FEE TRANSMITTAL</b>  <b>TOTAL AMOUNT OF PAYMENT</b> Subtotal (1) + Subtotal (2) + Subtotal (3) = <b>(\$40.00)</b>		Application Number	09/322,247
		Filing Date	May 28, 1999
		First Named Inventor	Hai T. Nguyen
		Group Art Unit	2858
		Examiner Name	not yet known
		Attorney Docket Number	3945 US

METHOD OF PAYMENT	FEE CALCULATION (continued)																																																																																																
<b>1. The Commissioner is hereby authorized to:</b>  <input type="checkbox"/> Charge the indicated fees to the below mentioned deposit account.  <input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 - 1.21 or credit any over payments to the below mentioned deposit account. †  <input type="checkbox"/> Charge the Issue Fee set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b) to the below mentioned deposit account.  <b>Deposit Account Name: FENWICK &amp; WEST LLP</b>  <b>A Duplicate Copy of this authorization is attached</b>  <b>2. <input checked="" type="checkbox"/> Payment Enclosed:</b> <input checked="" type="checkbox"/> Check <input type="checkbox"/> Other	<b>3. ADDITIONAL FEES</b> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:15%;">Large Entity Fee Code/Fee</th> <th style="width:15%;">Small Entity Fee Code/Fee</th> <th style="width:45%;">Fee Description</th> <th style="width:25%;">Fee Due</th> </tr> </thead> <tbody> <tr><td>105/\$130</td><td>205/\$65</td><td>Surcharge - late filing fee or oath</td><td><input type="text"/></td></tr> <tr><td>127/\$50</td><td>227/\$25</td><td>Surcharge-late provisional filing fee or cover sheet</td><td><input type="text"/></td></tr> <tr><td>147/\$2,520</td><td>147/\$2,520</td><td>For filing a request for reexamination</td><td><input type="text"/></td></tr> <tr><td>115/\$110</td><td>215/\$55</td><td>Extension for response within first month†</td><td><input type="text"/></td></tr> <tr><td>116/\$380</td><td>216/\$190</td><td>Extension for response within second month†</td><td><input type="text"/></td></tr> <tr><td>117/\$870</td><td>217/\$435</td><td>Extension for response within third month†</td><td><input type="text"/></td></tr> <tr><td>118/\$1,360</td><td>218/\$680</td><td>Extension for response within fourth month†</td><td><input type="text"/></td></tr> <tr><td>128/\$1,850</td><td>228/\$925</td><td>Extension for response within fifth month†</td><td><input type="text"/></td></tr> <tr><td>119/\$300</td><td>219/\$150</td><td>Notice of Appeal</td><td><input type="text"/></td></tr> <tr><td>141/\$1,210</td><td>241/\$605</td><td>Petition to revive unintentionally abandoned application</td><td><input type="text"/></td></tr> <tr><td>142/\$1,210</td><td>242/\$605</td><td>Utility Issue Fee (Or Reissue)</td><td><input type="text"/></td></tr> <tr><td>143/\$430</td><td>243/\$215</td><td>Design Issue Fee</td><td><input type="text"/></td></tr> <tr><td>122/\$130</td><td>122/\$130</td><td>Petitions to the Commissioner</td><td><input type="text"/></td></tr> <tr><td>123/\$50</td><td>123/\$50</td><td>Petitions related to provisional applications</td><td><input type="text"/></td></tr> <tr><td>126/\$240</td><td>126/\$240</td><td>Submission of Information Disclosure Statement</td><td><input type="text"/></td></tr> <tr><td>581/\$40</td><td>581/\$40</td><td>Recording each patent assignment per property (times number of properties)</td><td><b>40</b></td></tr> <tr><td>146/\$760</td><td>246/\$380</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td><input type="text"/></td></tr> <tr><td>149/\$760</td><td>249/\$380</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td><input type="text"/></td></tr> <tr><td colspan="3">Other fee (specify):</td><td><input type="text"/></td></tr> <tr><td colspan="3">Other fee (specify):</td><td><input type="text"/></td></tr> <tr> <td colspan="3" style="text-align: right;"><b>SUBTOTAL (3)</b></td> <td><b>(\$40.00)</b></td> </tr> </tbody> </table>	Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due	105/\$130	205/\$65	Surcharge - late filing fee or oath	<input type="text"/>	127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet	<input type="text"/>	147/\$2,520	147/\$2,520	For filing a request for reexamination	<input type="text"/>	115/\$110	215/\$55	Extension for response within first month†	<input type="text"/>	116/\$380	216/\$190	Extension for response within second month†	<input type="text"/>	117/\$870	217/\$435	Extension for response within third month†	<input type="text"/>	118/\$1,360	218/\$680	Extension for response within fourth month†	<input type="text"/>	128/\$1,850	228/\$925	Extension for response within fifth month†	<input type="text"/>	119/\$300	219/\$150	Notice of Appeal	<input type="text"/>	141/\$1,210	241/\$605	Petition to revive unintentionally abandoned application	<input type="text"/>	142/\$1,210	242/\$605	Utility Issue Fee (Or Reissue)	<input type="text"/>	143/\$430	243/\$215	Design Issue Fee	<input type="text"/>	122/\$130	122/\$130	Petitions to the Commissioner	<input type="text"/>	123/\$50	123/\$50	Petitions related to provisional applications	<input type="text"/>	126/\$240	126/\$240	Submission of Information Disclosure Statement	<input type="text"/>	581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	<b>40</b>	146/\$760	246/\$380	Filing a submission after final rejection (37 CFR 1.129(a))	<input type="text"/>	149/\$760	249/\$380	For each additional invention to be examined (37 CFR 1.129(b))	<input type="text"/>	Other fee (specify):			<input type="text"/>	Other fee (specify):			<input type="text"/>	<b>SUBTOTAL (3)</b>			<b>(\$40.00)</b>								
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<b>SUBMITTED BY</b> Typed or Printed Name <b>Arnold M. de Guzman, Esq.</b>  Signature		<b>Complete (if applicable)</b> Reg. Number <b>39,955</b>  Date <b>August 24, 1999</b>																																																																																															

† Request for Extension of Time per 37 CFR 1.136 (a)(3) made hereby

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Rev. 08/24/99

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PTO/SB/17 (6-95)(modified)  
Approved for use through 11/30/96, OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

0002/PTO(modified) Rev. 10/95	U.S. Department of Commerce Patent and Trademark Office	<b>Complete if Known</b>	
<b>FEE TRANSMITTAL</b>  <b>TOTAL AMOUNT OF PAYMENT</b>  Subtotal (1) + Subtotal (2) + Subtotal (3) = <b>(\$)<u>40.00</u></b>		Application Number	09/322,247
		Filing Date	May 28, 1999
		First Named Inventor	Hai T. Nguyen
		Group Art Unit	2858
		Examiner Name	not yet known
		Attorney Docket Number	3945 US

METHOD OF PAYMENT	FEE CALCULATION (continued)																																																																																										
<b>1. The Commissioner is hereby authorized to:</b>  <input type="checkbox"/> Charge the indicated fees to the below mentioned deposit account.  <input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 - 1.21 or credit any over payments to the below mentioned deposit account. <sup>1</sup>  <input type="checkbox"/> Charge the Issue Fee set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b) to the below mentioned deposit account.  <b>Deposit Account Name: FENWICK &amp; WEST LLP</b>  <b>A Duplicate Copy of this authorization is attached</b>  <b>2. <input checked="" type="checkbox"/> Payment Enclosed:</b> <input checked="" type="checkbox"/> Check <input type="checkbox"/> Other	<b>3. ADDITIONAL FEES</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;"><u>Large Entity</u> Fee Code/Fee</th> <th style="width: 15%;"><u>Small Entity</u> Fee Code/Fee</th> <th style="width: 50%;">Fee Description</th> <th style="width: 20%;">Fee Due</th> </tr> </thead> <tbody> <tr><td>105/\$130</td><td>205/\$65</td><td>Surcharge - late filing fee or oath</td><td><input type="text"/></td></tr> <tr><td>127/\$50</td><td>227/\$25</td><td>Surcharge-late provisional filing fee or cover sheet</td><td><input type="text"/></td></tr> <tr><td>147/\$2,520</td><td>147/\$2,520</td><td>For filing a request for reexamination</td><td><input type="text"/></td></tr> <tr><td>115/\$110</td><td>215/\$55</td><td>Extension for response within first month<sup>†</sup></td><td><input type="text"/></td></tr> <tr><td>116/\$380</td><td>216/\$190</td><td>Extension for response within second month<sup>†</sup></td><td><input type="text"/></td></tr> <tr><td>117/\$870</td><td>217/\$435</td><td>Extension for response within third month<sup>†</sup></td><td><input type="text"/></td></tr> <tr><td>118/\$1,360</td><td>218/\$680</td><td>Extension for response within fourth month<sup>†</sup></td><td><input type="text"/></td></tr> <tr><td>128/\$1,850</td><td>228/\$925</td><td>Extension for response within fifth month<sup>†</sup></td><td><input type="text"/></td></tr> <tr><td>119/\$300</td><td>219/\$150</td><td>Notice of Appeal</td><td><input type="text"/></td></tr> <tr><td>141/\$1,210</td><td>241/\$605</td><td>Petition to revive unintentionally abandoned application</td><td><input type="text"/></td></tr> <tr><td>142/\$1,210</td><td>242/\$605</td><td>Utility Issue Fee (Or Reissue)</td><td><input type="text"/></td></tr> <tr><td>143/\$430</td><td>243/\$215</td><td>Design Issue Fee</td><td><input type="text"/></td></tr> <tr><td>122/\$130</td><td>122/\$130</td><td>Petitions to the Commissioner</td><td><input type="text"/></td></tr> <tr><td>123/\$50</td><td>123/\$50</td><td>Petitions related to provisional applications</td><td><input type="text"/></td></tr> <tr><td>126/\$240</td><td>126/\$240</td><td>Submission of Information Disclosure Statement</td><td><input type="text"/></td></tr> <tr><td>581/\$40</td><td>581/\$40</td><td>Recording each patent assignment per property (times number of properties)</td><td><b>40</b></td></tr> <tr><td>146/\$760</td><td>246/\$380</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td><input type="text"/></td></tr> <tr><td>149/\$760</td><td>249/\$380</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td><input type="text"/></td></tr> <tr><td colspan="3">Other fee (specify):</td><td><input type="text"/></td></tr> <tr><td colspan="3">Other fee (specify):</td><td><input type="text"/></td></tr> <tr> <td colspan="3" style="text-align: right;"><b>SUBTOTAL (3)</b></td> <td><b>(\$)<u>40.00</u></b></td> </tr> </tbody> </table>	<u>Large Entity</u> Fee Code/Fee	<u>Small Entity</u> Fee Code/Fee	Fee Description	Fee Due	105/\$130	205/\$65	Surcharge - late filing fee or oath	<input type="text"/>	127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet	<input type="text"/>	147/\$2,520	147/\$2,520	For filing a request for reexamination	<input type="text"/>	115/\$110	215/\$55	Extension for response within first month <sup>†</sup>	<input type="text"/>	116/\$380	216/\$190	Extension for response within second month <sup>†</sup>	<input type="text"/>	117/\$870	217/\$435	Extension for response within third month <sup>†</sup>	<input type="text"/>	118/\$1,360	218/\$680	Extension for response within fourth month <sup>†</sup>	<input type="text"/>	128/\$1,850	228/\$925	Extension for response within fifth month <sup>†</sup>	<input type="text"/>	119/\$300	219/\$150	Notice of Appeal	<input type="text"/>	141/\$1,210	241/\$605	Petition to revive unintentionally abandoned application	<input type="text"/>	142/\$1,210	242/\$605	Utility Issue Fee (Or Reissue)	<input type="text"/>	143/\$430	243/\$215	Design Issue Fee	<input type="text"/>	122/\$130	122/\$130	Petitions to the Commissioner	<input type="text"/>	123/\$50	123/\$50	Petitions related to provisional applications	<input type="text"/>	126/\$240	126/\$240	Submission of Information Disclosure Statement	<input type="text"/>	581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	<b>40</b>	146/\$760	246/\$380	Filing a submission after final rejection (37 CFR 1.129(a))	<input type="text"/>	149/\$760	249/\$380	For each additional invention to be examined (37 CFR 1.129(b))	<input type="text"/>	Other fee (specify):			<input type="text"/>	Other fee (specify):			<input type="text"/>	<b>SUBTOTAL (3)</b>			<b>(\$)<u>40.00</u></b>		
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RECORDED: 08/27/1999 **DUPLICATE COPY**