

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<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>John Hall</td> <td>04/16/2007</td> </tr> <tr> <td>Viatcheslav Petropavlovskikh</td> <td>04/16/2007</td> </tr> <tr> <td>Oyvind Nilsen</td> <td>04/16/2007</td> </tr> </tbody> </table>		Name	Execution Date	John Hall	04/16/2007	Viatcheslav Petropavlovskikh	04/16/2007	Oyvind Nilsen	04/16/2007
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Viatcheslav Petropavlovskikh	04/16/2007								
Oyvind Nilsen	04/16/2007								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	AlphaSniffer, LLC								
<b>Street Address:</b>	1865--33rd Street, Suite A								
<b>City:</b>	Boulder								
<b>State/Country:</b>	COLORADO								
<b>Postal Code:</b>	80301								
<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>11735900</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11735900				
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Application Number:	11735900								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(650)493-6811								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Phone:</b>	650-493-9300								
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<b>Address Line 4:</b>	palo, CALIFORNIA 94304								
<b>ATTORNEY DOCKET NUMBER:</b>	32924-701.501								
<b>NAME OF SUBMITTER:</b>	Diana M. Schaller								
<b>Total Attachments: 1</b> source=ASGMT-32924-701-501#page1.tif									

CH \$40.00 11735900

ASSIGNMENT OF APPLICATION

Docket Number: 32924-701.501

Whereas, the undersigned:

John Hall  
Broomfield, Colorado

Viatcheslav Petropavlovskikh  
Louisville, Colorado

Oyvind Nilsen  
Boulder, Colorado

hereinafter termed "Inventors", have invented certain new and useful improvements in

**POLARIZATION BASED INTERFEROMETRIC DETECTOR**

- for which an application for United States Patent was:
  - filed on \_\_\_, Application No. \_\_\_, or
  - is executed on even date herewith; or
- for which a United States Patent issued on \_\_\_, U.S. Patent No. \_\_\_

WHEREAS, AlphaSniffer, LLC, a corporation of the State of Colorado, having a place of business at 1865—33<sup>rd</sup> Street, Suite A, Boulder, Colorado 80301, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.
2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.
3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.
4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below:

Date: 04/16/2007

John L. Hall  
John Hall

Date: 04.16.2007

Viatcheslav Petropavlovskikh  
Viatcheslav Petropavlovskikh

Date: 04.16.2007

Oyvind Nilsen  
Oyvind Nilsen