

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PATENT BUSINESS DEVELOPMENT, LLC	03/06/2012
RECEIVING PARTY DATA	
Name:	Clearwater Innovations, LLC
Street Address:	3411 Silverside Road, Suite 108
Internal Address:	Webster Building
City:	Wilmington
State/Country:	DELAWARE
Postal Code:	19810
PROPERTY NUMBERS Total: 6	
Property Type	Number
Patent Number:	5396519
Patent Number:	5600712
Patent Number:	5784405
Patent Number:	6072825
Patent Number:	6160790
Patent Number:	6084885
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	512-582-2828
Email:	mmelton@fameydaniels.com
Correspondent Name:	M. Vanessah Melton
Address Line 1:	800 S. Austin Ave., Suite 200
Address Line 4:	Georgetown, TEXAS 78626-5845
NAME OF SUBMITTER:	M. Vanessah Melton
Total Attachments: 3	
source=PBD-Clearwater Patent Assignment Doc0001 (1)#page1.tif	
source=PBD-Clearwater Patent Assignment Doc0001 (1)#page2.tif	
source=PBD-Clearwater Patent Assignment Doc0001 (1)#page3.tif	

OP \$240.00 5396519

EXHIBIT F

ASSIGNMENT

1. WHEREAS Patent Business Development LLC, having a place of business at 506 Bald Eagle Drive, Jupiter, Florida 33477, (hereafter, together with any successors, legal representatives or assigns thereof, called "Assignor") is the owner of the entire right, title, and interest and assignee of the patents listed below ("Patents"):

<u>Patent or Application Number</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title of Patent and Named Inventor(s)</u>
US 5,396,519	US	Oct 22, 1993	Method and Apparatus for Adaptively Providing Precoding and Preemphasis Conditioning to Signal Data for Transfer over a Communication Channel William L. Betts; Edward S. Zuranski
US 5,600,712	US	Apr 5, 1996	Enabling Technique for Quickly Establishing High Speed PSTN Connections in Telecommuting Applications Bruce L. Hanson; Kurt E. Holmquist; Lee B. Strahs
US 5,784,405	US	Aug 23, 1996	Noncooperative Feedback System and Method for a Compensation System Associated with a Transmitter or Codec William Lewis Betts; Keith Alan Souders
US 6,072,825 (continuation of '405)	US	Sep 23, 1997	Noncooperative Feedback System and Method for a Compensation System Associated with Transmitter Or Codec William Lewis Betts; Keith Alan Souders
US 6,160,790	US	Feb 28, 1997	Crosstalk Canceller System and Method Gordon Bremer
US 6,084,885	US	Feb 23, 1998	Apparatus and Method for DSP Sharing Using Statistical Properties of Data Rober E. Scott

AND WHEREAS, Clearwater Innovations, LLC, a Delaware limited liability company, having a place of business at 3411 Silverside Road, Suite 108, Webster Building,, Wilmington, DE 19810, (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said Patents and to all the inventions therein, and Assignor is willing to enter into such assignment.

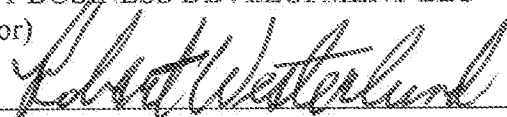
NOW, THEREFORE, effective on March 6, 2012, and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from ASSIGNEE is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in said Patents, and all patents, patent applications, foreign patents, foreign patent applications, continuations, continuations-in-part, divisionals, extensions, renewals, reissues and re-examinations related to all inventions thereof, including without limitation, all rights to claim priority on the basis thereof, all rights to sue for past, present and future infringement, including the right to collect and receive any damages, royalties, or settlements for such infringements, all rights to sue for injunctive or other equitable relief, and any and all causes of action relating to any of the inventions or discoveries thereof,

Assignor hereby covenants that it has full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict with this Assignment;

Assignor hereby further covenants and agrees that it will communicate to ASSIGNEE any and all facts known to it respecting said patents, and testify in any legal proceedings, sign all lawful papers, execute and deliver all papers and take any actions that may be necessary or desirable to perfect the title to any aforementioned patents and inventions, execute all divisions, continuation, reexamination, reissue and substitute applications, and make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said inventions in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand this 6th day of MARCH, 2012.

PATENT BUSINESS DEVELOPMENT LLC
(Assignor)

By 

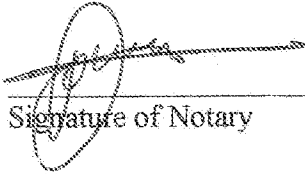
Name Robert Westerlund

Title Manager Member

STATE OF Florida
COUNTY OF Palm Beach

On March 6, 2012, before me Nicolette Blake,
Notary Public, personally appeared Robert Westerlund Jr. who
proved to me on the basis of satisfactory evidence to be the person whose name/s is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same
in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument
the person(s), or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Florida, that the foregoing paragraph is true and correct. WITNESS my hand and official seal.


Signature of Notary

Nicolette Blake

