

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Dane WHITE	08/02/2010
Erik FREED	08/02/2010
RECEIVING PARTY DATA	
Name:	Primordial Inc.
Street Address:	1021 Bandana Boulevard East
Internal Address:	Suite 225
City:	Saint Paul
State/Country:	MINNESOTA
Postal Code:	55108
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12847845
CORRESPONDENCE DATA	
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Correspondent Name:	The Villamar Firm PLLC
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Address Line 4:	Falls Church, VIRGINIA 22041
ATTORNEY DOCKET NUMBER:	037244-012 US
NAME OF SUBMITTER:	Carlos R. Villamar
<p>Total Attachments: 3</p> <p>source=037244-012_US_Assgn_signed#page1.tif</p> <p>source=037244-012_US_Assgn_signed#page2.tif</p>	

OP \$40.00 12847845

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PATENT
REEL: 024789 FRAME: 0163

Assignment

WHEREAS, We, the undersigned,

Dane WHITE a citizen of USA, residing at 114 Harvard Avenue East, Apartment B, Seattle, WA 98102 **and Erik FREED** a citizen of USA, residing at 1546 17th Avenue Northwest, New Brighton, MN 55112 (hereinafter referred to as the “**Assignors**”), have made an invention(s) identified as:

U.S. Patent Application No. 12/847,845 of WHITE et al., entitled “System and Method for Multi-Resolution Routing,” filed on July 30, 2010.

WHEREAS,

Primordial Inc., a Delaware Corporation, having a place of business located at 1021 Bandana Boulevard East, Suite 225, Saint Paul, MN 55108 (the “**Assignee**”) is desirous of acquiring the entire right, title and interest in and to said invention(s), the Application(s), and in and to any and all improvements and/or modifications to the aforesaid invention(s), and the Application(s), and in and to any and all patent applications and/or Letters Patent of the United States or any other country related to the invention(s), the Application(s), and/or related to any and all improvements and/or modifications to the aforesaid invention(s) and Application(s), including but not limited, to provisional applications, conversions to utility applications, continuations, continuations-in-part, continuing prosecution applications (CPAs), requests for continuing examination (RCEs), reissues, re-examinations, extensions, substitutes, renewals and divisions which may be filed or granted therefor, and all rights to claim priority in whole or in part on the basis of the Application(s) any and all patent applications related to the invention(s);

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, We, the Assignors agree to sell, assign, transfer and set over and do hereby sell, assign, transfer and set over unto said Assignee, its legal representatives, successors and assigns, the entire right, title and interest, in and to said invention(s), the Application(s) and in and to any and all improvements and/or modifications to the aforesaid invention(s) and Application(s), and in and to any and all patent applications and/or Letters Patent(s) of the United States or any other country related to said invention(s) and Application(s), and/or related to any and all improvements and/or modifications to the aforesaid invention(s) and Application(s), including but not limited to provisional applications, conversions to utility applications, continuations, continuations-in-part, continuing prosecution

applications (CPAs), requests for continuing examination (RCEs), reissues, re-examinations, extensions, substitutes, renewals and divisions which may be filed or granted therefor, and all rights to claim priority in whole or in part on the basis of the Application(s) and on the basis of any and all patent applications related to the invention, as fully and completely as the same would have been held by us had this assignment and sale not been made. (All of the foregoing patent applications and/or Letters Patent(s) related to the invention(s) and Application(s) and/or related to any and all improvements and/or modifications to the aforesaid invention(s) and Application are hereinafter referred to as "Other Related Patent Applications").

We, the Assignors, hereby covenant for me and my legal representatives, and agree with said Assignee, its successors and assigns, that we have the full right to convey the entire interest herein conveyed and that we have granted no right or license to make, use, sell or offer to sell said invention(s), Application(s), any other applications or properties identified herein, including Other Related Patent Applications, to anyone except said Assignee, that prior to the execution of this deed, our right, title and interest in said invention(s), Application(s), or any other applications or properties identified herein, including Other Related Patent Applications, had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict with this Assignment.

This Assignment covers all countries of the world and the Assignee is hereby entitled to file applications in any country at its discretion and to abstain from seeking patent protection in any and all countries, if it so desires.

This Assignment also includes our right to claim priority under the Paris Convention or any other multilateral or bilateral treaties.

All of the said entire right, titles and interests shall vest irrevocably in said Assignee.

We, the Assignors, hereby covenant and agree, on our own behalf and on behalf of our representatives, successors and assigns, to execute any additional assignments and other documents required in connection with the prosecution of the Application(s) or Other Related Patent Applications as well as to perform any additional acts necessary to enable the Assignee or its successors, legal representatives and assigns, to enjoy the full rights of this Assignment, including applying for a Letters Patent(s) for the invention in the United States of America or in any other country of the world, and assigning the Application or any Other Related Patent Applications and any Letters Patent or patents issuing thereon to the Assignee or its successors, legal representatives and assigns.

We, the Assignors, hereby agree on our own behalf and on behalf of our successors and assigns, without further compensation, to promptly at any time, upon the request of the Assignee, its successors and assigns, fully cooperate with the Assignee with respect to all matters regarding this Assignment in the United States of America or any other country, including without limitation, communicate to the Assignee or its representatives any facts known to Assignors respecting the invention and the Application, to execute any Other Related Patent Applications for any and all countries of the world, sign all lawful documents and make all rightful oaths and declarations relating to the invention and the Application, execute and deliver any and all papers that may be necessary or desirable to perfect the title to the invention and the Application, and to any Other Related Patent Applications for any and all countries of the world, in the Assignee, its successors, legal representatives or assigns, and to testify in any judicial or administrative proceeding and generally do everything possible to aid the Assignee to obtain, maintain and enforce such Letters Patent or patents, identified in this assignment, in the United States of America or any country of the world when requested so to do by the Assignee.

We, the Assignors, hereby authorize and request our agents, The Villamar Firm PLLC, 3424 Washington Drive, Falls Church, Virginia 22102, or an authorized Primordial, Inc. employee to insert hereon any identification necessary or desirable for recordation of this document.

And We, the Assignors, request the Director of the United States Patent and Trademark Office and/or appropriate officials of any country to issue any and all Letters Patents or patents which may be granted upon said Application(s), said United States application(s) or upon any Other Related Patent Applications filed in any country of the world, or upon said improvements and/or modifications or any parts thereof, which are referred to herein, to Primordial, Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said Letters Patents or patents and the invention covered thereby.

Place and date:

Seattle, Washington
August 2, 2010

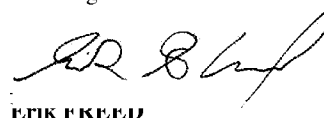
1st Assignor:

A black and white photograph of a handwritten signature in cursive script, appearing to read "D. White". The signature is written on a dark, rectangular background.

Place and date:

Saint Paul, Minnesota
August 2, 2010

2nd Assignor:

A black and white photograph of a handwritten signature in cursive script, appearing to read "ERIK FREED". The signature is written on a dark, rectangular background.