

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hugh Secker-Walker</td> <td>04/05/2012</td> </tr> <tr> <td>Kenneth J. Basye</td> <td>04/05/2012</td> </tr> <tr> <td>Mahesh Krishnamoorthy</td> <td>04/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	Hugh Secker-Walker	04/05/2012	Kenneth J. Basye	04/05/2012	Mahesh Krishnamoorthy	04/05/2012
Name	Execution Date								
Hugh Secker-Walker	04/05/2012								
Kenneth J. Basye	04/05/2012								
Mahesh Krishnamoorthy	04/05/2012								
RECEIVING PARTY DATA									
Name:	Canyon IP Holdings, LLC.								
Street Address:	2711 Centerville Road, Suite 400								
City:	Wilmington								
State/Country:	DELAWARE								
Postal Code:	19808								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13434315</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13434315				
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Application Number:	13434315								
CORRESPONDENCE DATA									
Fax Number:	(949)760-9502								
Phone:	9497600404								
Email:	efiling@knobbe.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Knobbe Martens Olson & Bear LLP								
Address Line 1:	2040 Main Street, 14th Floor								
Address Line 4:	Irvine, CALIFORNIA 92614								
ATTORNEY DOCKET NUMBER:	ASRP1.023A1								
NAME OF SUBMITTER:	Nora Marachelian								
Total Attachments: 3 source=Executed_Assignment_ASRP1_023A1#page1.tif source=Executed_Assignment_ASRP1_023A1#page2.tif source=Executed_Assignment_ASRP1_023A1#page3.tif									

OP \$40.00 13434315

**PATENT ASSIGNMENT**

**PARTIES TO THE ASSIGNMENT**

**Assignors:**

Hugh Secker-Walker  
2711 Centerville Road, Suite 400  
Wilmington, Delaware 19808

Kenneth J. Basye  
2711 Centerville Road, Suite 400  
Wilmington, Delaware 19808

Mahesh Krishnamoorthy  
2711 Centerville Road, Suite 400  
Wilmington, Delaware 19808

**Assignee:**

Canyon IP Holdings, LLC.  
2711 Centerville Road, Suite 400  
Wilmington, Delaware 19808

**AGREEMENT**

WHEREAS, ASSIGNORS (listed above) are inventors of an invention(s) in the patent application entitled "SPEECH RECOGNITION WITH HIERARCHICAL NETWORKS" for which:

a non-provisional application for United States Letters Patent:

was filed on March 29, 2012 and accorded U.S. Serial No. 13/434,315; or

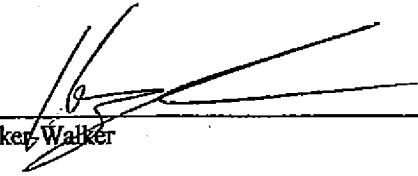
will be filed without this executed PATENT ASSIGNMENT. ASSIGNORS hereby authorize and request ASSIGNEE'S legal representatives, of Knobbe Martens Olson & Bear LLP, associated with Customer No. 20,995, to insert here in parenthesis (U.S. Serial No. \_\_\_\_\_, filed \_\_\_\_\_) this APPLICATION'S U.S. Serial Number and filing date, when known.

WHEREAS, Canyon IP Holdings, LLC. (hereinafter referred to as ASSIGNEE), a Limited Liability Company of the State of Delaware having a place of business at 2711 Centerville Road, Suite 400, Wilmington, Delaware 19808, is desirous of acquiring the entire right, title and interest in and

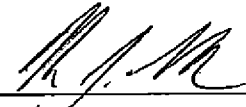
to the invention(s) and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto ASSIGNEE its successors and assigns, the entire right, title and interest in and to said invention(s) and improvements, said application and any and all letters patent which may be granted for said invention(s) in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, re-examinations and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention(s), application and all letters patent on said invention(s) to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention(s) to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention(s), for litigation regarding said letters patent, or for the purpose of protecting title to said invention(s) or letters patent therefor.

4/5/2012  
Date

  
Hugh Secker Walker


SIGNATURE WITNESSED BY

  
KENNETH J. BASYE  
Printed Name  
Date: 4/5/2012


4/5/2012  
Date

  
Kenneth J. Basye

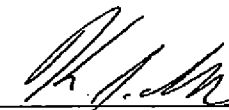
SIGNATURE WITNESSED BY

  
MAHESH KRISHNAMOORTHY  
Printed Name  
Date: 4/5/2012

4/5/2012  
Date

  
Mahesh Krishnamoorthy

SIGNATURE WITNESSED BY

  
KENNETH J. BASYE  
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