

## PATENT ASSIGNMENT

Electronic Version v1.1  
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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>Amac Herdagdelen</td> <td>09/18/2013</td> </tr> <tr> <td>Christopher Bingham</td> <td>07/26/2013</td> </tr> <tr> <td>Aykut Firat</td> <td>07/26/2013</td> </tr> </tbody> </table>		Name	Execution Date	Amac Herdagdelen	09/18/2013	Christopher Bingham	07/26/2013	Aykut Firat	07/26/2013				
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Crimson Hexagon, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>155 Seaport Boulevard</td> </tr> <tr> <td>Internal Address:</td> <td>7th Floor</td> </tr> <tr> <td>City:</td> <td>Boston</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02210</td> </tr> </table>		Name:	Crimson Hexagon, Inc.	Street Address:	155 Seaport Boulevard	Internal Address:	7th Floor	City:	Boston	State/Country:	MASSACHUSETTS	Postal Code:	02210
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: 6173109000  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 617.439.2000        Email: docket@nutter.com</p> <p>Correspondent Name: NUTTER MCCLENNEN &amp; FISH LLP        Address Line 1: SEAPORT WEST        Address Line 2: 155 SEAPORT BOULEVARD        Address Line 4: BOSTON, MASSACHUSETTS 02210-2604</p>													
ATTORNEY DOCKET NUMBER:	111218-4												
NAME OF SUBMITTER:	Ronald E. Cahill												
Signature:	/Ronald E. Cahill/												

PATENT

Date:

09/19/2013

**Total Attachments: 5**

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## ASSIGNMENT BY INVENTORS

**THIS ASSIGNMENT**, made by Amac HERDAGDELEN, residing in Mountain View, California; Aykut FIRAT, residing in Cambridge, Massachusetts; and Christopher BINGHAM, residing in Cambridge, Massachusetts; and

**WHEREAS**, Assignors have invented certain new and useful improvements in SYSTEMS AND METHODS FOR LANGUAGE CLASSIFICATION, set forth in a Patent application for Letters Patent of the United States Serial No. 13/798,890, filed March 13, 2013; and

**WHEREAS**, CRIMSON HEXAGON, INC., a Corporation organized under and pursuant to the laws of Massachusetts having its principal place of business at 155 Seaport Boulevard, Boston, Massachusetts 02210 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors, having an obligation to assign all rights to this invention at the time the invention was made have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that

have already been transferred to Assignee, Assignors are the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

NUTTER MCCLENNEN & FISH LLP

All practitioners at Customer Number 021125

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 18<sup>th</sup> day of September, 2013.

(L.S.)

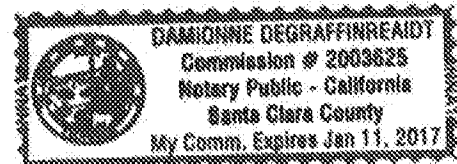
Amac HERDAGDELEN

STATE OF California )  
COUNTY OF San Mateo ) ss:

BE IT REMEMBERED, that on this 18<sup>th</sup> day of September, 2013, before me, a Notary Public, personally appeared Amac HERDAGDELEN, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

[Signature] (official signature and seal of notary)

My Commission Expires: January 11, 2017



111218-4

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 26 day of July, 2013.

(L.S.)

Christopher Bingham  
Christopher BINGHAM

STATE OF Massachusetts )  
COUNTY OF Suffolk ) ss:

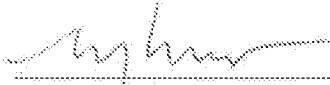
BE IT REMEMBERED, that on this 26<sup>th</sup> day of July, 2013, before me, a Notary Public, personally appeared Christopher BINGHAM, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

[Signature] (official signature and seal of notary)

My Commission Expires: Sept 15 2017

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 26<sup>th</sup> day of July, 2013.

(L.S.)

  
Aykut FIRAT

STATE OF Massachusetts )  
COUNTY OF Suffolk ) ss:

BE IT REMEMBERED, that on this 26<sup>th</sup> day of July, 2013, before me, a Notary Public, personally appeared Aykut FIRAT, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

 (official signature and seal of notary)

My Commission Expires: Sept. 15, 2017

111218-4

PATENT

RECORDED: 09/19/2013

REEL: 031241 FRAME: 0371