

PATENT ASSIGNMENT COVER SHEET

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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>ALOK CHOUDHARY</td> <td>09/04/2013</td> </tr> <tr> <td>RAMANATHAN NARAYANAN</td> <td>09/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	ALOK CHOUDHARY	09/04/2013	RAMANATHAN NARAYANAN	09/04/2013
Name	Execution Date						
ALOK CHOUDHARY	09/04/2013						
RAMANATHAN NARAYANAN	09/04/2013						
RECEIVING PARTY DATA							
Name:	NORTHWESTERN UNIVERSITY						
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City:	EVANSTON						
State/Country:	ILLINOIS						
Postal Code:	60208						
PROPERTY NUMBERS Total: 2							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13438382</td> </tr> <tr> <td>Application Number:</td> <td>61471550</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13438382	Application Number:	61471550
Property Type	Number						
Application Number:	13438382						
Application Number:	61471550						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	NWN01-059-US						
NAME OF SUBMITTER:	TIMOTHY K. KLINTWORTH						
Signature:	/Timothy K. Klintworth/						

OP \$80.00 13438382

Date:

12/03/2013

Total Attachments: 2

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source=NU2010-134-01 and -02 PROV AND US ASSIGNMENT - EXECUTED BY ALL INVENTORS#page2.tif

ASSIGNMENT

WHEREAS, WE, ALOK CHOUDHARY AND RAMANATHAN NARAYANAN (hereinafter collectively referred to as ("ASSIGNORS")) have invented certain new and useful improvements as described and set forth in the below-identified applications for United States Letters Patent:

Title of U.S. Formal Patent Application: Methods and Systems for Analyzing Data of an Online Social Network
Serial Number: 13/438,382 Filed: April 3, 2012

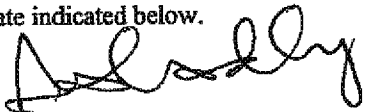
Title of U.S. Provisional Application: System and Method for Text Mining in Social Networks
Serial Number 61/471,550 Filed: April 4, 2011

WHEREAS, Northwestern University, an Illinois not-for-profit corporation, having a place of business at 633 Clark Street, Evanston, Illinois 60208, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in said invention and applications and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said applications for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, or prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full extent and term of any Letters Patent.

ASSIGNORS further agree that ASSIGNORS will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed ASSIGNORS' names to this Assignment on the date indicated below.



9/2/2013

ALOK CHOUDHARY

DATE

State of _____

ss.

County of _____

On this _____ day of _____, 2013, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

NOTARY PUBLIC

My Commission Expires: _____

[NOTARY SEAL]

Assignment for Execution

Title of U.S. Formal Patent Application: Methods and Systems for Analyzing Data of an Online Social Network

Serial Number: 13/438,382 Filed: April 3, 2012

Title of U.S. Provisional Application: System and Method for Text Mining in Social Networks

Serial Number 61/471,550 Filed: April 4, 2011

Ramat

09/04/2013

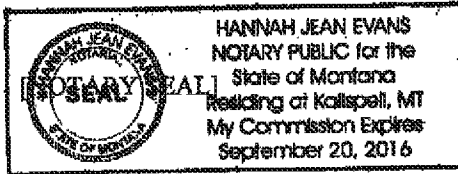
RAMANATHAN NARAYANAN

DATE

State of Montana

County of Flathead ss.

On this 4th day of September, 2013, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.



Hannah Jean Evans
NOTARY PUBLIC

My Commission Expires: September 20, 2016