PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3404885

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL JASON WELCH	08/14/2013
ADITYA VAILAYA	08/15/2013
RALPH RIZKALLAH RABBAT	08/15/2013
JIANG WU	06/17/2015

RECEIVING PARTY DATA

Name:	BARNESANDNOBLE.COM LLC
Street Address:	76 NINTH AVENUE
Internal Address:	9TH FLOOR
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10011

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13968341

CORRESPONDENCE DATA

Fax Number: (603)782-4378

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	BN01.887US	
NAME OF SUBMITTER:	NEIL F. MALONEY, REG. NO. 42, 833	
SIGNATURE:	/Neil F. Maloney/	
DATE SIGNED:	06/19/2015	
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Total Attachments: 7

PATENT REEL: 035932 FRAME: 0353

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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

BARNESANDNOBLE.COM LLC 76 NINTH AVENUE 9TH FLOOR NEW YORK, NEW YORK 10011

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in "SYSTEMS AND METHODS FOR PROGRAMATICALLY CLASSIFYING TEXT USING TOPIC CLASSIFICATION"

	executed concurrently herewith		
	executed on		
	Application No. 13/968,341; filed <u>August 15, 2013</u>		
Santa N		. filed	, all
******	applications listed above being hereinafter referred to a	s the "application	n(s)":

as set forth in this United States Patent Application

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs,

Attorney Docket No. 048470/433419

models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Date	Aditya Vailaya
Witness Name	Date:
Witness Signature	
Witness Name	Date:
Witness Signature	
8/14/13 Date	Michael Jason Welch
Huangmao Quem Witness Name Que Huzu	Date:
Witness Signature 1AULAV MISHRA Witness Name 244 Miness Signature	Date: 09 14 13
Market	

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applications listed above being hereinafter referred to as the "application(s)";

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	Alitya Vallaya
Kirk Chen Witness Name Minus Witness Signature	Date:
Pro6/E Quy Do 7 Witness Name Whitess Stignmentre	Date: <u>8/15/2013</u>
Date	Michael Jason Welch
Witness Name	Date:
Witness Signature	
Witness Name	Date:
Witness Signature	

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August 15, 2013	Ralph Rižkallah Rabbat
Nadise Johchan Witness Name	Date: <u>8 / 15 / 13</u>
Witness Signature ACI: 1 T. 1.1	ý /1/1.p
Witness Name Witness Signature	Date: 8/15/13
Date	Fiang Wu
Witness Name	Date:
Witness Signature	
Witness Name	Date:
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executed concurrently herewith
executed on
Application No. 13/968.341; filed August 15, 2013
Application claims priority from Application No, filed, all
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said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs,

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6/17/2015	(2,2,2,3)
Date	Siang Wu
Qulu III Winness Name	Date: 4/7/15
Witness Signature	
	Date:
Witness Name	eran.
Witness Signature	

RECORDED: 06/19/2015