

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Retrevo Inc.	08/30/2012
RECEIVING PARTY DATA	
Name:	barnesandnoble.com LLC
Street Address:	122 Fifth Avenue
City:	New York
State/Country:	NEW YORK
Postal Code:	10011
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13607535
CORRESPONDENCE DATA	
Fax Number:	4089714660
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	408-971-2573
Email:	april@zilkakotab.com
Correspondent Name:	Zilka-Kotab, PC
Address Line 1:	P.O. Box 721120
Address Line 4:	San Jose, CALIFORNIA 95172
ATTORNEY DOCKET NUMBER:	RTVOP002A
NAME OF SUBMITTER:	Dominic M. Kotab
Total Attachments: 4 source=Retrevo Inc to BarnesandNoble.com LLC assignment_signed#page1.tif source=Retrevo Inc to BarnesandNoble.com LLC assignment_signed#page2.tif source=Retrevo Inc to BarnesandNoble.com LLC assignment_signed#page3.tif source=Retrevo Inc to BarnesandNoble.com LLC assignment_signed#page4.tif	

CH \$40.00 13607535

**PATENT ASSIGNMENT**

**THIS PATENT ASSIGNMENT**, dated as of August 30, 2012 (this "Assignment"), is made by RETREVO, INC., a Delaware corporation ("Assignor"), in favor of BARNESANDNOBLE.COM LLC, a Delaware limited liability company ("Assignee").

**WHEREAS**, Assignor is the owner of the entire right, title and interest in and to the patents and patent applications set forth on Schedule A attached hereto and in and to the inventions disclosed therein (collectively, the "Assigned Patent Rights");

**WHEREAS**, Assignor and Assignee are parties to an Asset Purchase Agreement dated as of August 30, 2012 (the "Asset Purchase Agreement"), pursuant to which, among other things, Assignor has agreed to assign and deliver to Assignee, and Assignee has agreed to accept, all of Assignor's right, title, and interest in and to the Assigned Patent Rights; and

**WHEREAS**, this Assignment is entered into pursuant to, and as a condition of the closing of the transactions contemplated under, the Asset Purchase Agreement.

**NOW, THEREFORE**, for good and valuable consideration acknowledged by Assignor to have been received in full from Assignee and pursuant to the terms of the Asset Purchase Agreement, Assignor hereby agrees as follows:

1. Assignor hereby conveys, transfers, assigns, and delivers unto Assignee, absolutely and forever, all of Assignor's right, title, and interest in and to the Assigned Patent Rights, together with all patents issuing on the Assigned Patent Rights, and any reissues, reexaminations, renewals, extensions, substitutions, registrations, confirmations, divisionals, continuations, and continuations-in-part of such patents and Assigned Patent Rights, including any patents and patent applications that claim priority to a common priority document in the priority chain of any of the foregoing, and foreign counterparts of any of the foregoing, and together with all rights to sue for past and future infringement or misappropriation thereof (including the right to sue for pre-issuance royalties), to be used as fully and entirely as such rights would have been held and enjoyed by Assignor had this Assignment not been made.

2. Assignor hereby agrees to execute and deliver such documentation as may be required by any domestic or foreign intellectual property registrar to transfer ownership of the Assigned Patent Rights from Assignor to Assignee and further agrees, without any payment by Assignee other than in reimbursement of reasonable expenses Assignor may incur, to communicate to Assignee, its representatives or agents, any facts relating to the Assigned Patent Rights including evidence for purposes of interference, reexamination, reissue, opposition, litigation or other legal proceedings, whenever requested, and testify in any such proceedings, whenever requested. Assignor hereby also agrees to execute and deliver, as Assignee shall reasonably request, such further assignments, lawful papers and related documents with respect to the Assigned Patent Rights required to make any of the foregoing effective.

3. Notwithstanding any other provisions of this Assignment to the contrary, nothing contained in this Assignment shall in any way supersede, modify, replace, amend, change,

rescind, waive, exceed, expand, enlarge, or in any way affect the provisions, including warranties, covenants, agreements, conditions, representations, or in general any of the rights and remedies, or any of the obligations and indemnifications of Assignor or Assignee set forth in the Asset Purchase Agreement. This Assignment is intended only to effect the transfer of certain property transferred pursuant to the Asset Purchase Agreement and shall be governed entirely in accordance with the terms and conditions of the Asset Purchase Agreement.

4. This Assignment shall be binding on, and shall inure to the benefit of, Assignor, Assignee, and their respective successors and/or assigns, and all others acting by, through, with, or under their direction, and all those in privity therewith.

*[signature page follows]*

IN WITNESS WHEREOF, Assignor has caused this Assignment to be executed by its duly authorized representatives effective this 30 day of August, 2012.

ASSIGNOR:

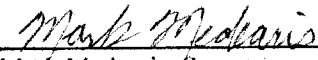
RETREVO, INC.

By 

Name: Vipin Jain

Title: President and CEO

ATTEST:

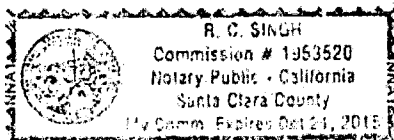
  
Mark Medearis, Secretary

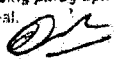
### CERTIFICATE OF ACKNOWLEDGEMENT

I, \_\_\_\_\_, a Notary Public in and for \_\_\_\_\_ do hereby certify that Vipin Jain, proven to me to be the same person(s) whose name(s) is (are) subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the said instrument as a free act and deed on behalf of the identified corporation, RETREVO, INC., with authority to do so.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this \_\_\_\_\_ day of \_\_\_\_\_ 2012.

Notary Public  
Commission Expires:



State of California County of SANTA CLARA ) ss.  
On 08/27/2012 before me R. C. SINGH  
Notary Public, personally appeared VIPIN JAIN  
who proved to me on the basis of satisfactory evidence to be the  
person(s) whose name(s) is/are subscribed to the within instrument and  
acknowledged to me that he/she/they executed the same in his/her/their  
authorized capacity(ies), and that by his/her/their signature(s) on the  
instrument the person(s), or the entity upon behalf of which the person(s),  
acted, executed the instrument. I certify under PENALTY OF PERJURY  
under the laws of the State of California that the foregoing paragraph is  
true and correct. WITNESS my hand and official seal. 

**SCHEDULE A  
ASSIGNED PATENT RIGHTS**

<b><u>APPL'N NO.</u></b>	<b><u>PATENT/ PUBL'N. NO.</u></b>	<b><u>FILING DATE</u></b>	<b><u>ISSUE DATE/ PUBL'N DATE</u></b>	<b><u>TITLE</u></b>	<b><u>COUNTRY</u></b>
11/737,684	7,917,493	April 19, 2007	March 29, 2011	Indexing And Searching Product Identifiers	United States
13/031,058	8,005,819	February 18, 2011	August 23, 2011	Indexing and Searching Product Identifiers	United States
13/186,395	8,171,013	July 19, 2011	May 1, 2012	Indexing and Searching Product Identifiers	United States
12/062,393	8,165,925	April 03, 2008	April 24, 2012	Methods, systems, and program products for generating multidimensional comparisons	United States
11/737,668	20080263023	April 19, 2007	October 23, 2008	Indexing And Search Query Processing	United States
11/737,660	20080263032	April 19, 2007	October 23, 2008	UNSTRUCTURED AND SEMISTRUCTURED DOCUMENT PROCESSING AND SEARCHING	United States
11/963,684	20080255925	December 21, 2007	October 16, 2008	Systems And Methods For Generating Value-Based Information	United States
12/569,668	20100088154	September 29, 2009	April 8, 2010	Systems, Methods And Computer Program Products For Computing And Outputting A Timeline Value, Indication Of Popularity, And Recommendation	United States
13/152,229	20110302167	June 02, 2011	December 8, 2011	Systems, Methods and Computer Program Products for Processing Accessory Information	United States
13/411,475 (Continuation of 13/186,395)	Not Yet Published	March 2, 2012	Not Yet Published	Indexing and Searching Product Identifiers	United States
13/423,021 (Continuation of 12/062,393)	20120179520	March 16, 2012	July 12, 2012	Systems and Methods for Performing an Action Based on User Interaction with a Graphical Presentation	United States