PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TRAVIS TURNER	01/07/2014
TODD GRUBEN	01/07/2014
HIGINIO O. MAYCOTTE	01/07/2014
CODY SOYLAND	01/07/2014

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15448383

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NAME OF SUBMITTER:	ANGIE BLAZEK
SIGNATURE:	/Angie Blazek/
DATE SIGNED:	03/02/2017

Total Attachments: 2

PATENT REEL: 041446 FRAME: 0698

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> PATENT REEL: 041446 FRAME: 0699

Attorney Docket No.: 1443-0003

ASSIGNMENT OF INVENTION

For good and valuable consideration, the receipt of which is hereby acknowledged, I, an ASSIGNOR named below,

Travis Turner of Austin, Texas, Todd Gruben of Cedar Park, Texas, Higinio O. Maycotte of Austin, Texas and Cody Soyland of Austin, Texas

hereby sell, assign and transfer to **Umbel Corporation** ASSIGNEE: its successors, assigns and legal representatives, my entire right, title and interest throughout the world, including all rights to claim priority, in and to the invention(s) disclosed in: U.S. Patent Application executed on or about the date of this Assignment, U.S. Patent Application executed on ______, or U.S. Provisional Application U.S. Application No.: ______, filed on ______

International Application No.: PCT/ _____, filed on ______ ENTITLED: SYSTEMS AND METHODS OF GENERATING AND USING A BITMAP INDEX and naming as INVENTOR(S): Travis Turner, Todd Gruben, Higinio O. Maycotte and Cody Soyland including without limitation, my entire right, title and interest in and to any and all United States and foreign applications (including international, regional and foreign national applications) for said invention(s), including divisions, continuations, continuations-in-part, renewals, substitutes and extensions thereof, and in and to any and all patents of every country or region that may be granted or have been granted for said invention(s), including any reissues and reexaminations thereof. To comply with 37 C.F.R. § 3.21 for recording this Assignment, I authorize and request that the application number and filing date be inserted here, if not already shown above, I authorize ASSIGNEE to apply for patents of foreign countries for said invention(s), and to claim all rights of priority without further authorization from me. I agree to execute any and all papers useful in connection with any and all United States and foreign applications (including international, regional, and foreign national applications), and

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generally to do everything possible to aid ASSIGNEE, its successors, assigns and nominees, at

their request and reasonable expense, in obtaining and enforcing patents for said invention(s) in all countries.

I hereby covenant that no assignment, sale, license, agreement, or encumbrance has been or will be made or entered into that would conflict with this Assignment.

I authorize and request the Commissioner of Patents and Trademarks to issue any U.S. Letters Patent that may be granted for said invention(s) to ASSIGNEE, its successors or assigns.

Executed on	Jan 7, 2014	, 2014 by
Executed on	Jan 7, 2014	, 2014 by Todd Gruben (Jan 7, 2014) Todd Gruben
Executed on	Jan 7, 2014	, 2014 by Historic O. Haycotte Historic O. Maycotte Historic O. Maycotte
Executed on	Jan 7, 2014	, 2014 by Cody Soyland (Jat 7, 2014) Cody Soyland