506316044 10/22/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NESS COMPUTING, LLC	04/22/2014

RECEIVING PARTY DATA

Name:	OPENTABLE, INC.		
Street Address: 1 MONTGOMERY STREET, SUITE 700			
City: SAN FRANCISCO			
State/Country: CALIFORNIA			
Postal Code:	94104		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14951413	

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NAME OF SUBMITTER:	LAURA MURPHY
SIGNATURE:	/Laura Murphy/
DATE SIGNED:	10/22/2020

Total Attachments: 5

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PATENT 506316044

REEL: 054136 FRAME: 0462

ASSIGNMENT OF PATENT APPLICATIONS

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned Ness Computing LLC, a Delaware limited liability company having a business address at 1 Montgomery Street, Suite 700, San Francisco, CA 94104 USA ("Assignor") does hereby:

- (a) represent and warrant that to the best of Assignor's knowledge, Assignor is the assignee of all right, title and interest in and to the patent applications set forth in the **Schedule** hereto (collectively termed "Patents");
- (b) sell, assign and transfer to OpenTable, Inc., a Delaware corporation having a business address at 1 Montgomery Street, Suite 700, San Francisco, CA 94104 USA ("Assignee"), all of Assignor's right, title and interest, in the United States, its territorial possessions, and all foreign countries, to: (i) any and all inventions described in said Patents; (ii) said Patents; (iii) any letters patent which may be granted therefor; and (iv) any patent applications or patents which may claim priority of said Patents (including but not limited to any and all provisional, non-provisional, continuations, divisions, continuations-in-part, substitutes, reissues, reexaminations or extensions thereof, and all other rights, together with, the right to claim priority, or the benefit of, to the abovementioned application under any existing or future international patent conventions, unions, agreements, acts or treaties);
- (c) agree, upon request by and at the expense of Assignee (or its successors, assigns or legal representatives), to: (i) execute all oaths, assignments, powers of attorney and any other papers; (ii) testify in any legal or quasi legal proceedings; (iii) take any action; and (iv) otherwise fully cooperate with Assignee; in connection with perfecting Assignee's title, or securing, maintaining and enforcing Assignee's rights, under this assignment; and
- (d) represent, warrant and covenant that no assignment, grant, mortgage, license or other agreement inconsistent with the rights and property herein conveyed to Assignee has been made or shall be made by Assignor.

John Orta, Secretary
Signature

Javana

For Assignor by:

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SCHEDULE

Case	Title	Country	Inventors	Application Number	Filing Date
	Method And Apparatus For Category Based Navigation	AUSTRALIA	Scott Paul Goodson, Sourav Chatterji, Jeremy Ryan Schiff, Corey Layne Reese, Paul Kenneht Twohey	2012283928	7/19/2012
0012	Method And Apparatus For Category Based Navigation	CANADA	Scott Paul Goodson, Sourav Chatterji, Jeremy Ryan Schiff, Corey Layne Reese, Paul Kenneht Twohey	2,842,213	7/19/2012
0013	Method And Apparatus For Category Based Navigation	EPO	Scott Paul Goodson, Sourav Chatterji, Jeremy Ryan Schiff, Corey Layne Reese, Paul Kenneht Twohey	12814832.7	7/19/2012
0014	Method And Apparatus For Allowing User To Augment Searches	AUSTRALIA	Sourav Chatterji, Jeremy Ryan Schiff, Corey Layne Reese, Paul Kenneth Twohey	2012283929	7/19/2012
	Method And Apparatus For Allowing User To Augment Searches	CANADA	Sourav Chatterji, Jeremy Ryan Schiff, Corey Layne Reese, Paul Kenneth Twohey	2,842,215	7/19/2012
0016	Method And Apparatus For Allowing User To Augment Searches	EPO	Sourav Chatterji, Jeremy Ryan Schiff, Corey Layne Reese, Paul Kenneth Twohey	12815280.8	7/19/2012
	A Recommended Engine That Processes Data Including User Data To Provide Recommendations And Explanations For The Recommendations To A User	AUSTRALIA	Christopher Eric Shogo Berner, Jeremy Ryan Schiff, Corey Layne Reese, Paul Kenneth Twohey	2012283930	7/19/2012
	A Recommended Engine That Processes Data Including User Data To Provide Recommendations	CANADA	Christopher Eric Shogo Berner, Jeremy Ryan Schiff, Corey Layne Reese,	2,842,255	7/19/2012

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Case	Title	Country	Inventors	Application Number	Filing Date
	And Explanations For The Recommendations To A User		Paul Kenneth Twohey		
	A Recommended Engine That Processes Data Including User Data To Provide Recommendations And Explanations For The Recommendations To A User	EPO	Christopher Eric Shogo Berner, Jeremy Ryan Schiff, Corey Layne Reese, Paul Kenneth Twohey	12815207.1	7/19/2012
	Context-Based Queryless Presentation Of Recommendations	USA	Corey Layne Reese, Brett Matthew Westervelt, Yige Wang, Jeremy Ryan Schiff, Rajat Bhattacharjee, Philip Ellsworth Larson, James William Danz, David Joseph Stryker, Carlos Giovanni Correa, Steven Charles Schlansker	61/775,389	3/8/2013
	Computer System And Method For Analyzing Data Sets And Generating Personalized Recommendations	USA	Jeremy Ryan Schiff, Paul Kenneth Twohey, Steven Charles Schlansker, Leejay Wu, Corey Reese, Sourav Chatterji	13/274,226	10/14/2011
	Computer System And Method For Analyzing Data Sets And Providing Personalized Recommendations	USA	Jeremy Ryan Schiff, Corey Reese, Yige Wang, Scott Goodson, Paul Kenneth Twohey	13/274,235	10/14/2011
0023	Recommendation Engine That Processes Data Including User Data To Provide Recommendations And Explanations For The Recommendations To A User	USA	Christopher Eric Shogo Berner, Jeremy Ryan Schiff, Corey Layne Reese, Paul Kenneth Twohey	13/553,599	7/19/2012
i	Method And Apparatus For Category Based Navigation	USA	Scott Paul Goodson, Sourav Chatterji, Jeremy Ryan Schiff, Corey Layne Reese, Paul Kenneth	13/553,646	7/19/2012

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Case	Title	Country	Inventors	Application Number	Filing Date
			Twohey		
0025	Method And Apparatus For Allowing Users To Augment Searches	USA	Sourav Chatterji, Jeremy Ryan Schiff, Corey Layne Reese, Paul Kenneth Twohey	13/553,684	7/19/2012
0026	Method And Apparatus For Quickly Evaluating Entities	USA	Jeremy Ryan Schiff, Sourav Chatterji, Corey Layne Reese, Steven Charles Schlansker, Leejay Wu, Paul Kenneth Twohey	13/553,703	7/19/2012
0027	Providing Personalized Recommendations To Groups	USA	Corey Lane Reese, Brett Matthew Westervelt, Yige Wang, Jeremy Ryan Schiff, Katherine Shalese Maslyn	61/833,042	6/10/2013
0028	Context-Based Queryless Presentation Of Recommendations	USA	Corey Lane Reese, Brett Matthew Westervelt, Yige Wang, Jeremy Ryan Schiff, Steven Charles Schlansker	14/201,713	3/7/2014
0029	Context-Based Queryless Presentation Of Recommendations	PCT	Corey Lane Reese, Brett Matthew Westervelt, Yige Wang, Jeremy Ryan Schiff, Steven Charles Schlansker	PCT/US14/22104	3/7/2014
	PROVIDING PERSONALIZED RECOMMENDATIONS	USA		61393793	10/15/2010
	GENERATING PERSONALIZED RECOMMENDATIONS	USA		61393800	10/15/2010
	METHOD AND APPARATUS FOR CATEGORY BASED NAVIGATION	USA		61509995	07/20/2011
	METHOD AND APPARATUS FOR EXPLAINING RECOMMENDATIONS	USA		61509999	07/20/2011
	METHOD AND APPARATUS FOR ALLOWING USERS TO AUGMENT SEARCHES			61510003	07/20/2011

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Case Title	Country	Inventors	Application Number	Filing Date
METHOD AND APPARATUS FOR QUICKLY EVALUATING ENTITIES	USA		61510004	07/20/2011
METHOD AND APPARATUS FOR CONNECTING USERS	USA		61563487	11/23/2011
A COMPUTER SYSTEM AND METHOD FOR ANALYZING DATA SETS AND PROVIDING PERSONALIZED RECOMMENDATIONS	PCT		PCT/US2011/056451	10/14/2011
A COMPUTER SYSTEM AND METHOD FOR ANALYZING DATA SETS AND GENERATING PERSONALIZED RECOMMENDATIONS	PCT		PCT/US2011/056456	10/14/2011
METHOD AND APPARATUS FOR CATEGORY BASED NAVIGATION	PCT		PCT/US2012/047473	07/19/2012
METHOD AND APPARATUS FOR ALLOWING USERS TO AUGMENT SEARCHES	•		PCT/US2012/047475	07/19/2012
A RECOMMENDATION ENGINE THAT PROCESSES DATA INCLUDING USER DATA TO PROVIDE RECOMMENDATIONS AND EXPLANATIONS FOR THE RECOMMENDATIONS TO A USER	PCT		PCT/US2012/047476	07/19/2012
METHOD AND APPARATUS FOR QUICKLY EVALUATING ENTITIES	PCT		PCT/US2012/047478	07/19/2012