

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM488900

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Hercules capital, inc.	FORMERLY Hercules Technology Growth Capital, Inc.	08/31/2018	Corporation: CALIFORNIA
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	NETBASE SOLUTIONS, INC.		
<b>Street Address:</b>	3960 Freedom Circle		
<b>Internal Address:</b>	suite 200/201		
<b>City:</b>	Santa Clara		
<b>State/Country:</b>	CALIFORNIA		
<b>Postal Code:</b>	95054		
<b>Entity Type:</b>	Corporation: CALIFORNIA		
<b>PROPERTY NUMBERS Total: 5</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	4699949	NETBASE	
<b>Registration Number:</b>	4760154	NETBASE	
<b>Registration Number:</b>	4842104	NETBASE LIVE PULSE	
<b>Registration Number:</b>	4846895	NETBASE LIVE PULSE	
<b>Registration Number:</b>	4664846	ASSUMPTIONS SUCK	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	6508332001		
<i>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.</i>			
<b>Phone:</b>	650-833-2000		
<b>Email:</b>	PatentDocketingUSPaloAlto@dlapiper.com		
<b>Correspondent Name:</b>	DLA Piper llp (us)		
<b>Address Line 1:</b>	2000 University avenue		
<b>Address Line 4:</b>	east palo alto, CALIFORNIA 94303-2214		
<b>NAME OF SUBMITTER:</b>	Tekaligne Debre		
<b>SIGNATURE:</b>	/Tekaligne Debre/		
<b>DATE SIGNED:</b>	09/06/2018		

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**Total Attachments: 4**

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**REASSIGNMENT AND RELEASE OF SECURITY INTEREST**

This Reassignment and Release of Security Interest is executed as of August 31, 2018, by HERCULES CAPITAL, INC., formerly known as Hercules Technology Growth Capital, Inc., a Maryland corporation (the "Assignor"), for the benefit of NETBASE SOLUTIONS, INC., a Delaware corporation (the "Assignee"), with its principal executive office located at 3960 Freedom Circle, Suite 200/201, Santa Clara, CA 95054.

RECITALS

A. WHEREAS, Assignee assigned certain interests in the intellectual property described on Exhibit A and Exhibit B (together, the "Intellectual Property") to Assignor pursuant to the Intellectual Property Security Agreement, dated as of August 22, 2017, and recorded with the U.S. Patent and Trademark Office and U.S. Copyright Office.

B. WHEREAS, Assignor wishes to release and reassign all interest that such Assignor may have in the Intellectual Property.

AGREEMENT

Now, therefore, Assignor agrees that it releases its security interest in the Intellectual Property and reassigns to Assignee, without warranty or recourse, all interest of Assignor in and to the Intellectual Property.

ASSIGNOR:

Address:

400 Hamilton Avenue, Suite 310  
Palo Alto, CA 94301

HERCULES CAPITAL, INC.


By:   
Name: Zhuo Huang  
Title: Associate General Counsel

EXHIBIT A

Patents

Title	Inventors	APPLICATION INFORMATION			PATENT INFORMATION	
		App. No.	Filing Date	Status	Patent No.	Issue Date
Method and Apparatus For Concept-Based Classification of Natural Language Discourse	John Andrew Rehling and Michael Jacob Osofsky	11420782	2006/05/29	Patent	8055608	2011-11-08
Method and Apparatus For Concept-Based Searching of Natural Language Discourse	John Andrew Rehling and Michael Jacob Osofsky	11420785	2006/05/29	Patent	8046348	2011-10-25
Method and Apparatus For Concept-Based Ranking of Natural Language Discourse	John Andrew Rehling and Michael Jacob Osofsky	11420788	2006/05/29	Application	NA	NA
Method and Apparatus for Frame-Based Search	Wei Li, Michael Jacob Osofsky and Lokesh Pooranmal Bajaj	12177122	2008/07/21	Patent	9047285	2015-06-02
Method and Apparatus For Frame-Based Analysis of Search Results	Wei Li, Michael Jacob Osofsky and Lokesh Pooranmal Bajaj	12177127	2008/07/21	Patent	8935152	2015-01-13
Method and Apparatus For Determining Search Result Demographics	Michael Jacob Osofsky, Jens Erik Tellefsen, Wei Li, and Ranjeet Singh Bhatia	12765848	2010/04/22	Patent	9026529	2015-05-05
Method and Apparatus For HealthCare Search	Jens Erik Tellefsen, Michael Jacob Osofsky and Wei Li	12790837	2010/05/30	Application	NA	NA
Graphical Representation of Frame Instances	Michael Jacob Osofsky	13176713	2011/07/05	Patent	9390525	2016-07-12
Methods and Apparatus For Query Formulation	Jens Erik Tellefsen, and Ranjeet Singh Bhatia	13280294	2011/10/24	Patent	9075799	2015-07-07
Methods and Apparatuses For Clustered Storage of Information	Mark Edward Bowles and Lei Li	13281411	2011/10/25	Application	NA	NA
Method and Apparatus For Concept-Based Ranking of Natural Language Discourse	John Andrew Rehling and Michael Jacob Osofsky	13286799	2011/11/01	Patent	9063970	2015-06-23

Title	Inventors	APPLICATION INFORMATION			PATENT INFORMATION	
		App. No.	Filing Date	Status	Patent No.	Issue Date
Methods and Apparatus For Sentiment Analysis	Lisa Joy Rosner, Jens Erik Tellefsen, Michael Jacob Osofsky, Jonathan Spier, Ranjeet Singh Bhatia, Malcolm Arthur De Leo, and Karl Long	13471417	2012/05/14	Patent	8949263	2015-02-03
Graphical Representation of Frame Instances and Co-occurrences	Michael Jacob Osofsky	13676073	2012/11/13	Application	NA	NA
Methods and Apparatus for Identification and Analysis of Temporally Differing Corpora	Jens Erik Tellefsen and Ranjeet Singh Bhatia	13836416	2013/03/15	Patent	9135243	2015-09-15
Methods and Apparatus for Author Identification of Search Results	Mark Edward Bowles, Jens Erik Tellefsen, and Ranjeet Singh Bhatia	14274721	2014/05/10	Application	NA	NA

EXHIBIT B

Trademarks

<b>Mark</b>	<b>Reg. No.</b>	<b>Class</b>	<b>Reg. Date</b>	<b>Country</b>
<b>Netbase</b>	<b>4,699,949</b>	<b>35</b>	<b>March 10, 2015</b>	<b>USA</b>
<b>Netbase</b>	<b>4,760,154</b>	<b>42</b>	<b>June 23, 2015</b>	<b>USA</b>
<b>Netbase Live Pulse</b>	<b>4,842,104</b>	<b>42</b>	<b>October 27, 2015</b>	<b>USA</b>
<b>Netbase Live Pulse</b>	<b>4,846,895</b>	<b>35</b>	<b>November 3, 2015</b>	<b>USA</b>
<b>Assumptions Suck</b>	<b>4,664,846</b>	<b>42</b>	<b>December 30, 2014</b>	<b>USA</b>
<b>Netbase</b>	<b>1320704</b>	<b>35,42</b>	<b>August 25, 2016</b>	<b>Int'l</b>