501986831 07/12/2012

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Alex Ye	07/26/2010
Benjamin Z. Li	07/26/2010

RECEIVING PARTY DATA

Name:	MicroStrategy Incorporated	
Street Address:	1861 International Drive	
City:	McLean	
State/Country:	VIRGINIA	
Postal Code:	22102	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12777643

CORRESPONDENCE DATA

 Fax Number:
 (877)769-7945

 Phone:
 (202) 783-5070

 Email:
 apsi@fr.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: Jeremy J. Monaldo
Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	30693-0007001
NAME OF SUBMITTER:	Arlene F. Yates

Total Attachments: 3

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PATENT REEL: 028537 FRAME: 0568 CH \$40.00 127776

Attorney's Docket No.: 18027-0007001

ASSIGNMENT

For valuable consideration, we, ALEX YE and BENJAMIN Z. LI, hereby assign to: MicroStrategy Incorporated, a corporation of Delaware having a place of business at: 1861 International Drive, McLean, Virginia 22102; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled DATABASE QUERY ANALYSIS TECHNOLOGY, filed May 11, 2010, and assigned U.S. Serial Number 12/777,643, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

> PATENT REEL: 028537 FRAME: 0569

Attorney's Docket No.: 18027-0007001

Date: July 26, 2010	ALEX YE
Witnessed by:	
Name: Weihna Hon	Date: July 76,2010
Name: Lei Cui	Date: July 26, 2010 Date: July 26, 2010
Date:	BENJAMIN Z. LI
Witnessed by:	
Name:	Date:
Name:	Date:

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PATENT REEL: 028537 FRAME: 0570

Attorney's Docket No.: 18027-0007001

Date:	
	ALEX YE
Witnessed by:	
Name:	Date:
Name:	Date:
Date: 7-26-2019	BENJAMIN Z. LI
Witnessed by:	
Name: XIAOLONG WANG	Date: 07/26/20/0
Name: Ming Luo	Date: $07/26/20/0$

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PATENT REEL: 028537 FRAME: 0571

RECORDED: 07/12/2012