

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5478586

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BLOOMBERG L.P.	11/14/2007
RECEIVING PARTY DATA	
Name:	BLOOMBERG FINANCE L.P.
Street Address:	731 LEXINGTON AVENUE
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10022
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16386439
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	18604.0695
NAME OF SUBMITTER:	RICHARD A. CHENG
SIGNATURE:	/Richard A. Cheng/
DATE SIGNED:	04/17/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 5	
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PATENT ASSIGNMENT

This Patent Assignment is made and entered into as of November ~~14~~, 2007, by and between BLOOMBERG L.P., a Delaware limited partnership ("Assignor"), and BLOOMBERG FINANCE L.P., a Delaware limited partnership ("Assignee") (collectively referred to as the "Parties").

WHEREAS, pursuant to the Intellectual Property Contribution Agreement among the Parties of even date herewith (the "Agreement"), Assignor has assigned to Assignee all Assignor's right, title and interest in the Contributed IP Assets (as defined therein) throughout the world, including any and all patents and pending patent applications listed on the attached Schedule 1, and all inventions described and claimed therein (including divisionals, continuations-in-part, provisionals, reissues, reexaminations or interferences thereof), whether or not any such applications are modified, withdrawn or resubmitted (collectively referred to as the "Patents"); and

WHEREAS, pursuant to the Agreement, Assignee has acquired all of Assignor's right, title and interest in and to the Contributed IP Assets, including the Patents, and the Parties wish to record such acquisition in the U.S. Patent and Trademark Office and all other applicable intellectual property offices; and

NOW, THEREFORE, for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

1. Pursuant to the Agreement, Assignor hereby irrevocably contributes, transfers, grants, bargains, assigns, conveys and delivers to Assignee, absolutely and not as collateral security, without recourse, except as expressly provided in the Agreement, as a capital contribution to the Assignee all of Assignor's right, title and interest in and to the Patents, together with the right to bring an action or proceeding at law or in equity or before any governmental authority for any past, present or future infringement or violation of any of the Patents, and to collect all damages, awards, settlements and proceeds relating to the Patents. Assignor further consents to recordation of this Assignment by Assignee, including with the U.S. Patent and Trademark Office.

2. This Patent Assignment may be executed simultaneously in two or more counterparts, each of which shall be deemed an original, but both of which together shall constitute one and the same instrument.

3. This Patent Assignment is subject to all the terms and conditions of the Agreement. The Parties intend that this Patent Assignment is for recordation purposes only and its terms shall not modify the applicable terms and conditions of the Agreement, which govern the Parties' rights and interests in the Contributed IP Assets.

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BLOOMBERG L.P.

By: Bloomberg Inc., its general partner

By: *Richard K. DeScherer*
Name: Richard K. DeScherer
Title: Secretary

STATE OF NEW YORK)
	: ss.:
COUNTY OF NEW YORK)

On the 14th day of Nov, 2007, before me the undersigned, personally appeared Richard K. DeScherer, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Wayne M. Blackwell
Notary Public

WAYNE M. BLACKWELL
Notary Public, State of New York
No. 01BL6047476
Qualified in Queens County
Certificate Filed in New York County
Commission Expires Nov. 21, 2010

BLOOMBERG FINANCE L.P.

By: Bloomberg (GP) Finance LLC, its general partner

By: *Richard K. DeScherer*
Name: Richard K. DeScherer
Title: Secretary

STATE OF NEW YORK)
	: ss.:
COUNTY OF NEW YORK)

On the 14th day of Nov, 2007, before me the undersigned, personally appeared Richard K. DeScherer, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Wayne M. Blackwell
Notary Public

WAYNE M. BLACKWELL
Notary Public, State of New York
No. 01BL6047476
Qualified in Queens County
Certificate Filed in New York County
Commission Expires Nov. 21, 2010

Schedule 1 to Patent Assignment

ACTIVE EDITOR (COCKPIT)	System and Method for Managing News Headlines	(11/250,829)*	(10/13/05)
AUTOMATED DOCUMENT ANALYSIS AND TAGGING (PRINCETON PROJECT)	Identifying and/or Extracting Data in Connection with Creating or Updating Record in a Database	(11/347,146)	(02/03/06)
BEZEL-LESS FLAT PANEL DISPLAY DESIGN (Single Panel Configuration)	Bezel-less Flat Panel Display	D500,037	12/21/04
BEZEL-LESS FLAT PANEL DISPLAY DESIGN (Single Panel Configuration)	Bezel-less Flat Panel Display	D497,364	10/19/04
BEZEL-LESS FLAT PANEL DISPLAY DESIGN (Single Panel Configuration)	Bezel-less Flat Panel Display	D492,684	07/06/04
BEZEL-LESS FLAT PANEL DISPLAY UTILITY	Bezel-less Electronic Display	(11/085,762)	(03/21/05)
BEZEL-LESS FLAT PANEL DISPLAY UTILITY	Bezel-less Electronic Display	6,919,678	07/19/05
BFON DESIGN	Telephone Handset	D486,483	02/10/04
BFON DESIGN	Telephone Handset	D486,484	02/10/04
BFON UTILITY	Computer Terminals Biometrically Enabled for Network Functions and Voice Communication	(10/081,132)	(02/21/02)
BLEGAL ECO SEARCH	System and Method for Topical Document Searching	(11/412,315)	(04/26/06)
BLOOMBERG KEYBOARD DESIGN	Computer Keyboard	D516,070	02/28/06
BLOOMBERG KEYBOARD DESIGN	Computer Keyboard	D492,308	06/29/04
BLOOMBERG KEYBOARD UTILITY	Computer Keyboard with Processor for Audio and Telephony Functions	(11/351,426)	(02/09/06)
BLOOMBERG KEYBOARD UTILITY	Computer Keyboard with Processor for Audio and Telephony Functions	7,046,234	05/16/06
BPIPE (BMDS)	Systems and Methods for Data Coding, Transmission, Storage and Decoding	(11/274,821)	(11/14/05)
B-UNIT DESIGN	Portable Access Device	D508,245	08/09/05
B-UNIT DESIGN	Portable Access Device	D535,992	01/30/07

B-UNIT DESIGN	Portable Access Device	D501,208	01/25/05
B-UNIT UTILITY	Portable Access Device	(10/651,361)	(08/29/03)
DUAL 17 FLAT PANEL DISPLAY DESIGN (Horizontal Configuration)	Multi-panel Computer Display	D497,167	10/12/04
DUAL 17 FLAT PANEL DISPLAY DESIGN (Horizontal Configuration)	Multi-panel Computer Display	D496,938	10/05/04
DUAL 17 FLAT PANEL DISPLAY DESIGN (Horizontal Configuration)	Multi-panel Computer Display	D507,270	07/12/05
DUAL 17 FLAT PANEL DISPLAY DESIGN (Horizontal Configuration)	Multi-panel Computer Display	D496,363	09/21/04
DUAL 17 FLAT PANEL DISPLAY DESIGN (Vertical Configuration)	Multi-panel Computer Display	D496,937	10/05/04
DUAL 17 FLAT PANEL DISPLAY DESIGN (Vertical Configuration)	Multi-panel Computer Display	D496,936	10/05/04
DUAL 17 FLAT PANEL DISPLAY DESIGN (Vertical Configuration)	Multi-panel Computer Display	D507,570	07/19/05
DUAL 17 FLAT PANEL DISPLAY DESIGN (Vertical Configuration)	Multi-panel Computer Display	D496,362	09/21/04
FLAT PANEL DISPLAY (Multi-Frequency Operation)	Flat Panel Display Terminal for Receiving Multi Frequency and Multi-Protocol Video Signals	5,990,858	11/23/99
FREEBOARD KEYBOARD DESIGN	Keyboard	(29/276,203)	(01/18/07)
LEGAL CURRENT AWARENESS	Electronic Management and Distribution of Legal Information	(10/603,207)	(06/25/03)
LEGAL INTEGRATED SCREEN UTILITY	Legal Research System	(10/991,965)	(11/17/04)
Multimedia Computer Keyboard – Copland et al.	Multimedia Computer Keyboard	5,717,430	02/10/98
NETI	System and Method for Providing Secure Data Transmission	(11/249,846)	(10/12/05)
SCREEN SYNC	Synchronous One-bit Interface Protocol or Data Structure	(11/157,380)	(06/20/05)
SUPPORT FOR DUAL 17 FLAT PANEL DISPLAY	Support for One or More Flat Panel Displays	(10/300,698)	(11/20/02)

NETI DESIGN	Electronic Device	(29/279,652)*	(05/04/07)
BALANCES BLOTTER	System and Method for Facilitating Foreign Currency Management	(11/697,940)	(04/09/07)
DATA LATENCY	System and Method of Determining Data Latency Over a Communications Network	(11/696,864)*	(04/05/07)
M PROXY	Network Architecture for Data Transmission	(10/760,137)	(01/16/04)

*At least one inventor's assignment was filed with the PTO as of the Reference Date 9/18/2007.