PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6524981

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST
SEQUENCE:	1

CONVEYING PARTY DATA

Name	Execution Date
BANK OF AMERICA, N.A., AS COLLATERAL AGENT	01/29/2021

RECEIVING PARTY DATA

Name:	REFINITIV US ORGANIZATION LLC (F/K/A THOMSON REUTERS (GRC) INC.)
Street Address:	3 TIMES SQUARE
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10036

PROPERTY NUMBERS Total: 216

Property Type	Number
Patent Number:	7433837
Patent Number:	7653579
Patent Number:	8001027
Patent Number:	8301531
Patent Number:	9646343
Patent Number:	6498920
Patent Number:	9444904
Patent Number:	9235610
Patent Number:	9712333
Patent Number:	9466084
Patent Number:	7376605
Patent Number:	7761363
Patent Number:	7536343
Patent Number:	7634438
Patent Number:	8160950
Patent Number:	7991683
Patent Number:	8400334
Patent Number:	8028068
Patent Number:	8219680

Property Type	Number
Patent Number:	8321398
Patent Number:	8949241
Patent Number:	9202238
Patent Number:	8626682
Patent Number:	9495635
Patent Number:	9292545
Patent Number:	8452681
Patent Number:	8671040
Patent Number:	8938735
Patent Number:	8397066
Patent Number:	9043881
Patent Number:	6442545
Patent Number:	6532469
Patent Number:	7570262
Patent Number:	7907140
Patent Number:	8332864
Patent Number:	6647410
Patent Number:	8843522
Patent Number:	9244963
Patent Number:	8639605
Patent Number:	6462758
Patent Number:	6535917
Patent Number:	8195780
Patent Number:	6380954
Patent Number:	6513111
Patent Number:	6606637
Patent Number:	7376653
Patent Number:	8345561
Patent Number:	9053106
Patent Number:	9229832
Patent Number:	8234391
Patent Number:	9607303
Patent Number:	7613728
Patent Number:	7110972
Patent Number:	7266521
Patent Number:	7249079
Patent Number:	7246091
Patent Number:	7249082

Property Type	Number
Patent Number:	7546259
Patent Number:	6651056
Patent Number:	7330830
Patent Number:	8359251
Patent Number:	8700506
Patent Number:	7287089
Patent Number:	8010412
Patent Number:	7305360
Patent Number:	8600852
Patent Number:	9213988
Patent Number:	7016872
Patent Number:	7546263
Patent Number:	7788165
Patent Number:	7788156
Patent Number:	8775214
Patent Number:	6850906
Patent Number:	7987161
Patent Number:	8538936
Patent Number:	6351747
Patent Number:	6651219
Patent Number:	7398262
Patent Number:	6665679
Patent Number:	6912529
Patent Number:	6959301
Patent Number:	8108527
Patent Number:	8806034
Patent Number:	9112829
Patent Number:	9047234
Patent Number:	8112717
Patent Number:	9052928
Patent Number:	8996857
Patent Number:	9432355
Patent Number:	8645253
Patent Number:	7519962
Patent Number:	8666800
Patent Number:	7966554
Patent Number:	9195661
Patent Number:	7769783

Property Type	Number
Patent Number:	6510419
Patent Number:	7167838
Patent Number:	6681211
Patent Number:	7509277
Patent Number:	7539637
Patent Number:	7149716
Patent Number:	7603308
Patent Number:	6983257
Patent Number:	7636680
Patent Number:	7877309
Patent Number:	8311923
Patent Number:	7752112
Patent Number:	8495073
Patent Number:	8352379
Patent Number:	7805730
Patent Number:	8578395
Patent Number:	7505915
Patent Number:	8386364
Patent Number:	7899726
Patent Number:	7840474
Patent Number:	8046290
Patent Number:	8386373
Patent Number:	8577780
Patent Number:	8732063
Patent Number:	7376715
Patent Number:	6754621
Patent Number:	7734791
Patent Number:	9235862
Patent Number:	8977615
Patent Number:	6567807
Patent Number:	6574630
Patent Number:	8468081
Patent Number:	8560377
Patent Number:	8321234
Patent Number:	9613331
Patent Number:	8645151
Application Number:	11245240
Application Number:	11517336

Property Type	Number
Application Number:	15429483
Application Number:	15473127
Application Number:	15478772
Application Number:	15432407
Application Number:	15612288
Application Number:	15696996
Application Number:	15707571
Application Number:	15660301
Application Number:	62519440
Application Number:	62529049
Application Number:	15833956
Application Number:	15430829
Application Number:	15628670
Application Number:	15892604
Application Number:	14918128
Application Number:	15897226
Application Number:	14926591
Application Number:	62481737
Application Number:	15064163
Application Number:	62490818
Application Number:	14727055
Application Number:	62506090
Application Number:	15181194
Application Number:	15683330
Application Number:	15844834
Application Number:	14193977
Application Number:	15207464
Application Number:	14170191
Application Number:	14060798
Application Number:	13422949
Application Number:	13422955
Application Number:	14206648
Application Number:	12111465
Application Number:	13566605
Application Number:	14189287
Application Number:	14533543
Application Number:	14930499
Application Number:	14535776

Property Type	Number
Application Number:	15285526
Application Number:	15283993
Application Number:	12590895
Application Number:	15351256
Application Number:	15609800
Application Number:	15077713
Application Number:	13902900
Application Number:	13337662
Application Number:	13337703
Application Number:	11071978
Application Number:	15452511
Application Number:	12635568
Application Number:	13189128
Application Number:	13327972
Application Number:	12628426
Application Number:	13423127
Application Number:	13423134
Application Number:	13308496
Application Number:	13795022
Application Number:	11272459
Application Number:	11408804
Application Number:	14136635
Application Number:	10768598
Application Number:	11239663
Application Number:	14089081
Application Number:	11776110
Application Number:	14172379
Application Number:	14884953
Application Number:	11937737
Application Number:	14089198
Application Number:	12765365
Application Number:	13688817
Application Number:	10477932
Application Number:	14264847
Application Number:	12348152
Application Number:	12501036
Application Number:	16041966
Application Number:	15921243

Property Type	Number
Application Number:	16007581
Application Number:	16019157
Application Number:	15944904
Application Number:	15922505
Application Number:	62648459
Application Number:	62642283
Application Number:	62655974

CORRESPONDENCE DATA

Fax Number:

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.

Email:	peter.jaffe@freshfields.com
Correspondent Name:	PETER JAFFE
Address Line 1:	700 13TH ST. NW
Address Line 4:	WASHINGTON, D.C. 20005

NAME OF SUBMITTER:	PETER JAFFE
SIGNATURE:	/Peter Jaffe/
DATE SIGNED:	01/29/2021

Total Attachments: 18
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RELEASE OF SECURITY INTEREST IN PATENTS

This RELEASE OF SECURITY INTEREST IN PATENTS (this "Release"), dated as of January 29, 2021 (the "Effective Date"), is made by BANK OF AMERICA, N.A., in its capacity as collateral agent pursuant to the Credit Agreement (in such capacity, the "Collateral Agent"), in favor of Refinitiv US Organization LLC (formerly known as Thomson Reuters (GRC) Inc.), a Delaware limited liability company (the "Grantor") and its Affiliates.

WHEREAS, pursuant to that certain Security Agreement, dated as of October 1, 2018, by and among the Collateral Agent, the Grantor and certain other parties thereto (as amended, amended and restated, or otherwise modified from time to time, the "Security Agreement"), the Grantor granted to the Collateral Agent, in its capacity as Collateral Agent, for the benefit of the Secured Parties, a lien on and security interest in, to and under all of its right, title, and interest in, to and under the Patent registrations and applications of the Grantor, including those listed on Schedule A attached hereto;

WHEREAS, pursuant to the Security Agreement, the Grantor executed and delivered, in favor of the Collateral Agent, in its capacity as Collateral Agent, for the benefit of the Secured Parties, a Patent Security Agreement (Short Form), dated as of October 1, 2018 (the "Patent Security Agreement"), for recordal with the United States Patent and Trademark Office;

WHEREAS, the Patent Security Agreement was recorded with the United States Patent and Trademark Office on October 2, 2018 at Reel/Frame 047185/0215;

WHEREAS, a Partial Release of Patent Security Agreement, dated as of February 13, 2019, under which the Collateral Agent executed and delivered the release of the Security Interest in two Patents (Registration Nos. 7,433,842 and 7,734,518), was recorded with the United States Patent and Trademark Office on February 28, 2019 at Reel/Frame 048464/0833;

WHEREAS, the Security Agreement and Patent Security Agreement have terminated and all liens thereunder were released automatically in accordance with Section 6.11 of the Security Agreement;

WHEREAS, in accordance with Section 6.11(d) of the Security Agreement, the Collateral Agent shall execute and deliver to any Grantor all documents that such Grantor shall reasonably request to evidence such termination or release;

NOW, THEREFORE, in accordance with Section 6.11 of the Security Agreement, and for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Collateral Agent hereby agrees as follows:

1. Defined Terms. All capitalized terms used, but not otherwise defined herein, shall have the respective meanings ascribed in or otherwise referenced in the Security Agreement or the Patent Security Agreement, as applicable.

2. Release. The Collateral Agent, without representation or warranty of any kind, hereby acknowledges the automatic release, discharge, termination and cancellation of, and hereby releases, discharges, terminates and cancels all of its Security Interest in, to and under all issued and applied for Patents of the Grantor, including, without limitation, those listed on Schedule A attached hereto, arising under the Security Agreement and the Patent Security Agreement, and all Proceeds of the foregoing (the "Patent Collateral"). If and to the extent that the Collateral Agent has acquired any right, title or interest

in, to and under the Patent Collateral, the Collateral Agent, without representation or warranty of any kind, hereby re-transfers, re-conveys and re-assigns such right, title or interest to the Grantor.

3. <u>Termination</u>. The Collateral Agent, without representation or warranty of any kind, acknowledges the automatic termination and cancellation of, and hereby terminates and cancels the Patent Security Agreement.

4. <u>Further Assurances</u>. The Collateral Agent agrees to take all further actions, and provide to the Grantor and its successors, assigns or other legal representatives, all such cooperation and assistance (including, without limitation, the execution and delivery of any and all documents or other instruments), reasonably requested by the Grantor, at the Grantor's sole cost and expense, to more fully and effectively effectuate the purposes of this Release. The Collateral Agent hereby authorizes and requests that the Commissioner for Patents of the United States Patent and Trademark Office record this Release.

5. <u>Governing Law</u>. This Release shall be governed exclusively under the laws of the State of New York, without regard to conflicts of law or choice of law principles.

[Signature Pages Follow]

IN WITNESS WHEREOF, the Collateral Agent has caused this Release to be executed by its duly authorized representative as of the Effective Date:

BANK OF AMERICA, N.A., acting in its capacity as Collateral Agent for the Secured Parties

By:

Name: Mary Lawrence

Title: Assistant Vice President

GRANTOR:

REFINITIV US ORGANIZATION LLC
(F/K/A THOMSON REUTERS (GRC) INC.)

By:

DocuSigned by:
STEPHEN LEITH
C67C8C57622D4CA.

Name: Stephen Leith

Title: Chief Financial Officer

Schedule A

Release of Bank of America, N.A. Patent Security Agreement recorded October 2, 2018 at Reel/Frame 047185/0215

PATENT REGISTRATIONS AND PATENT APPLICATIONS

Title	Patent Number	Country	Grantor
APPARATUS AND METHODS FOR HANDLING TRADING DATA	7,433,837	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
APPARATUS AND METHODS FOR HANDLING TRADING DATA	7,653,579	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
APPARATUS AND METHODS FOR HANDLING TRADING DATA	8,001,027	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
APPARATUS AND METHODS FOR HANDLING TRADING DATA	8,301,531	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
SYSTEMS AND METHODS FOR INTERACTIVELY DISAMBIGUATING ENTITIES	9,646,343	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
CUSTOMIZABLE WEB-BASED TRAINING SYSTEM	6,498,920	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Content Distribution Management System	9,444,904	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
SHORT STRING COMPRESSION	9,235,610	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
BILATERAL CHAT FOR INSTANT MESSAGING	9,712,333	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
ENVIRONMENTAL, SOCIAL AND CORPORATE GOVERNANCE LINKED DEBT INSTRUMENTS	9,466,084	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
ELECTRONIC MARKET CALENDAR FOR DISPLAYING STANDARD SETTLEMENT DATES, FUTURE MARKET-RELATED EVENTS AND HOLIDAYS PERTAINING TO A FINANCIAL TRANSACTION	7,376,605	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
INTERNAL TRADE REQUIREMENT ORDER MANAGEMENT AND EXECUTION SYSTEM	7,761,363	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
PROTOCOL-INDEPENDENT ASSET TRADING SYSTEM AND METHODS	7,536,343	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
DYNAMIC ACCOUNT MAPPING SYSTEM FOR COMPUTERIZED ASSET TRADING	7,634,438	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
METHOD AND APPARATUS FOR TRADING ASSETS	8,160,950	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
CREDIT DATA PROCESSING SYSTEM FOR CONTROLLING ELECTRONIC TRADING BASED ON CREDIT ARRANGEMENTS	7,991,683	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)

Title	Patent Number	Country	Grantor
ASYMMETRIC DICTIONARY BASED COMPRESSION/DECOMPRESSION USEFUL FOR BROADCAST OR MULTICAST UNIDIRECTIONAL COMMUNICATION CHANNELS	8,400,334	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
System and Method for Releasing Information from an Information Embargo Setting	8,028,068	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
System and Method for Releasing Information from an Information Embargo Setting	8,219,680	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
METHOD AND SYSTEMS FOR TEXT DISAMBIGUATION AND RELEVANCE SCORING	8,321,398	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
System and Methods for Interactive Disambiguation of Data	8,949,241	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Information Processing and Transmissions Systems	9,202,238	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
AUTOMATIC DATA CLEANING FOR MACHINE LEARNING CLASSIFIERS	8,626,682	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
ASSOCIATION SIGNIFICANCE	9,495,635	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
ENTITY FINGERPRINTS	9,292,545	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
System and Method for Improved Rating and Modeling of Asset Backed Securities	8,452,681	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Credit Risk Mining	8,671,040	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Bootstrapper and Software Download Manager	8,938,735	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Entitled Data Cache Management	8,397,066	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Entitled Data Cache Management	9,043,881	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Term-level text with mining with taxonomies	6,442,545	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Determining trends using text mining	6,532,469	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Displaying Time-Series Data and Correlated Events Derived from Text Mining	7,570,262	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Displaying Time-Series Data and Correlated Events Derived from Text Mining	7,907,140	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Business Process Automation	8,332,864	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)

Title	Patent Number	Country	Grantor
Method, Apparatus and Program for Delivery and Display of Information From Dynamic and Static Data Sources	6,647,410	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Systems and Methods for Rapid Delivery of Tiered Metadata	8,843,522	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Systems and Methods for Rapid Delivery of Tiered Metadata	9,244,963	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Systems and Methods for the Identification and Messaging of Trading Parties	8,639,605	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
DISPLAY METHOD FOR TIME-ORDERED DYNAMIC LISTS OF DATA	6,462,758	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Market Data and Enterprise System Implemented by a Master Entitlement Processor	6,535,917	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Market Data and Enterprise System Implemented by a Master Entitlement Processor	8,195,780	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
METHOD AND SYSTEM FOR LAYOUT OF OBJECTS WITHIN A PERIMETER USING CONSTRAINED INTERACTIVE SEARCH	6,380,954	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
METHOD OF CONTROLLING SOFTWARE APPLICATIONS SPECIFIC TO A GROUP OF USERS	6,513,111	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
SYSTEM AND METHOD FOR UNIFIED DATA ACCESS OF FINANCIAL DATA	6,606,637	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
System and Method of Accelerating Delivery of Dynamic Web Pages over a Network	7,376,653	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Time Monitor	8,345,561	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Time Monitor	9,053,106	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Time Monitor	9,229,832	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Messaging Model and Architecture	8,234,391	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Messaging Model and Architecture	9,607,303	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Metadata Database Management System and Method Therefor	7,613,728	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Method and System of Managing Credit for the Electronic Trading of Financial Instruments	7,110,972	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Method and System of Managing Mutual Early Termination Terms for the Electronic Trading of Financial Instruments	7,266,521	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Method And System For Multi-Period Performance Attribution	7,249,079	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)

A-3

Title	Patent Number	Country	Grantor
Method And System For Multi-Period Performance Attribution	7,246,091	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Method And System For Multi-Period Performance Attribution With Metric-Preserving Coefficients	7,249,082	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Apparatus, Method And System For A Securities Tracking Management System	7,546,259	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Readership information delivery system for electronically distributed investment research	6,651,056	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Distributed Commerce System	7,330,830	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Distributed Commerce System	8,359,251	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Distributed Commerce System	8,700,506	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Electronic Commerce Infrastructure System	7,287,089	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Electronic Commerce Infrastructure System	8,010,412	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Electronic Sales System	7,305,360	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Electronic Sales System	8,600,852	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Electronic Commerce System	9,213,988	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
System, Method and Computer Readable Medium Containing Instructions for Evaluating and Disseminating Investor Performance Information	7,016,872	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
System, method and computer readable medium containing instructions for evaluating and disseminating securities analyst performance information	7,546,263	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
System, Method and Computer Readable Medium Containing Instructions for Evaluating and Disseminating Investor Performance Information	7,788,165	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
System, Method and Computer Readable Medium Containing Instructions for Evaluating and Disseminating Investor Performance Information	7,788,156	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
MANAGEMENT METHOD AND SYSTEM FOR A USER	8,775,214	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Real-Time Financial Search Engine and Method	6,850,906	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
System and Method for Data Compression using Compression Hardware	7,987,161	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
System and Method for Data Compression using Compression Hardware	8,538,936	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)

Title	Patent Number	Country	Grantor
A METHOD AND SYSTEM FOR PROVIDING DATA TO A USER BASED ON USER'S INQUIRY	6,351,747	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
SYSTEM AND METHOD FOR GENERATION OF TEXT REPORTS	6,651,219	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Method and System for Referencing, Archiving and Retrieving Symbolically Linked Information	7,398,262	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
A METHOD AND SYSTEM FOR SYMBOLIC LINKAGE AND INTELLIGENT CATEGORIZATION OF INFORMATION	6,665,679	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
METHOD AND SYSTEM FOR STORING AND RETRIEVING DOCUMENTS	6,912,529	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
MAINTAINING AND RECONSTRUCTING THE HISTORY OF DATABASE CONTENT MODIFIED BY A SERIES OF EVENTS	6,959,301	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
DYNAMIC DISPLAY USING PUSHED STREAMED DATA	8,108,527	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
DYNAMIC DISPLAY USING PUSHED STREAMED DATA	8,806,034	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
DYNAMIC DISPLAY USING PUSHED STREAMED DATA	9,112,829	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
DATA CONTEXT PASSING BETWEEN NON-INTERFACING APPLICATION PROGRAMS IN A COMMON FRAMEWORK	9,047,234	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
AUTOMATIC FORMATTING OF DISPLAY SCREEN TO REFLECT PAST CORRELATIVE CHANGES TO DISPLAY DATA WINDOWS	8,112,717	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
AUTOMATIC FORMATTING OF DISPLAY SCREEN TO REFLECT PAST CORRELATIVE CHANGES TO DATA DISPLAY WINDOWS	9,052,928	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
SINGLE SIGN-ON METHOD IN MULTI-APPLICATION FRAMEWORK	8,996,857	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
SINGLE SIGN-ON METHOD IN MULTI-APPLICATION FRAMEWORK	9,432,355	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Method and System For Generating A Valuation Metric Based on Growth Data Factors	8,645,253	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Command Script Parsing Using Local and Extended Storage for Command Lookup	7,519,962	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Method and System for Providing Guidance Data	8,666,800	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Financial Disclosure Content Synchronizing Software	7,966,554	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
A Method and System for Click-Thru Capacity in Electronic Media	9,195,661	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Computing Algebraic Equations	7,769,783	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)

Title	Patent Number	Country	Grantor
Security Analyst Performance Tracking and Analysis System and Method	6,510,419	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Security Analyst Estimates Performance Viewing System and Method	7,167,838	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Security Analyst Estimates Performance Viewing System and Method	6,681,211	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Security Analyst Estimates Performance Viewing System and Method	7,509,277	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Security Analyst Estimates Performance Viewing System and Method	7,539,637	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Security Analyst Estimates Performance Viewing System and Method	7,149,716	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Security Analyst Estimates Performance Viewing System and Method	7,603,308	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Security Analyst Performance Tracking and Analysis System and Method	6,983,257	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Methods and Systems for Measuring Performance of a Security Analyst	7,636,680	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
System and Method for Analyzing Analyst Recommendations on a Single Stock Basis	7,877,309	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
System and Method for Analyzing Analyst Recommendations on a Single Stock Basis	8,311,923	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
System and Method for Using Analyst Data to Identify Peer Securities	7,752,112	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Methods and systems for categorizing and indexing human-readable data	8,495,073	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Method for Certifying and Verifying Digital Web Content Using Public Cryptography	8,352,379	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Common Component Framework	7,805,730	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Common Component Framework	8,578,395	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
NEGOTIATED MATCHING SYSTEM	7,505,915	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
System for Multi-leg Trading	8,386,364	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Method and Apparatus for Option Filtering	7,899,726	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Method and System for Requesting Prices for Electronic Trading of Financial Instruments	7,840,474	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)

Title	Patent Number	Country	Grantor
IOI-BASED BLOCK TRADING SYSTEMS, METHODS, INTERFACES, AND SOFTWARE	8,046,290	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
IOI-BASED BLOCK TRADING SYSTEMS, METHODS, INTERFACES, AND SOFTWARE	8,386,373	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Method and System for Identifying High Probability Trade Matches	8,577,780	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
METHOD AND SYSTEM FOR IDENTIFYING HIGH PROBABILITY TRADE MATCHES	8,732,063	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Asynchronous Hypertext Messaging System and Method	7,376,715	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Asynchronous Hypertext Messaging System and Method	6,754,621	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Asynchronous Hypertext Messaging System and Method	7,734,791	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Corporate Board Management System	9,235,862	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Zoom Interface Component for Integrated Rating System	8,977,615	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Investor Relations Event Scheduling System and Method	6,567,807	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Investor Relations Event Scheduling System and Method	6,574,630	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Private Company Valuation	8,468,081	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Computer-Based Rating System and Method Having Mid-Quartile Filter	8,560,377	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
CO2 Estimator Module	8,321,234	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
CO2 Estimator Module	9,613,331	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
CO2 Estimator Module	8,645,151	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
System and Method for Releasing Information from an Information Embargo Setting	8,028,068	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
System and Method for Releasing Information from an Information Embargo Setting	8,219,680	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Security Analyst Performance Tracking and Analysis System and Method	6,510,419	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Security Analyst Estimates Performance Viewing System and Method	7,167,838	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)

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Title	Patent Number	Country	Grantor
Security Analyst Estimates Performance Viewing System and Method	6,681,211	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Security Analyst Estimates Performance Viewing System and Method	7,509,277	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Security Analyst Estimates Performance Viewing System and Method	7,539,637	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Security Analyst Estimates Performance Viewing System and Method	7,149,716	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Security Analyst Estimates Performance Viewing System and Method	7,603,308	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Security Analyst Performance Tracking and Analysis System and Method	6,983,257	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Methods and Systems for Measuring Performance of a Security Analyst	7,636,680	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
System and Method for Analyzing Analyst Recommendations on a Single Stock Basis	7,877,309	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
System and Method for Analyzing Analyst Recommendations on a Single Stock Basis	8,311,923	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
System and Method for Using Analyst Data to Identify Peer Securities	7,752,112	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)

Patent Applications

Title	Application Number	Country	Grantor
METHOD AND SYSTEM FOR MONITORING AN ISSUE	11/245,240	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Subscription apparatus and method	11/517,336	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
SYSTEM FOR NATURAL LANGUAGE INTERACTION WITH FINANCIAL DATA	15/429,483	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
SYSTEMS AND METHODS FOR PROVIDING FINANCIAL DATA TO FINANCIAL INSTRUMENTS IN A DISTRIBUTED LEDGER SYSTEM	15/473,127	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Self-Service Classification System	15/478,772	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
SYSTEMS AND METHODS FOR PROVIDING IDENTITY SCORES	15/432,407	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
SYSTEMS AND METHODS FOR PROVIDING A PERSONAL DISTRIBUTED LEDGER	15/612,288	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
SYSTEM AND METHODS FOR PROVIDING IDENTITY ASURANCE FOR DECENTRALIZED APPLICATIONS	15/696,996	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)

Title	Application Number	Country	Grantor
SYSTEMS AND METHODS FOR INTERCEPTION OF SMART CONTRACTS	15/707,571	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
APPARATUSES, METHODS AND SYSTEMS FOR RELEVANCE SCORING IN A GRAPH DATABASE USING MULTIPLE PATHWAYS	15/660,301	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Identity Atomization and Usage	62/519,440	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Systematic Method to Rank Energy Companies	62/529,049	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
RISK IDENTIFICATION ENGINE AND SUPPLY CHAIN GRAPH GENERATOR	15/833,956	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
PRIORITY MATCHING FOR MAKER ORDERS EXHIBITING DELAYED CANCELLATION	15/430,829	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Informational Incentives for Submitting Maker Orders	15/628,670	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
APPARATUSES, METHODS AND SYSTEMS FOR ELECTRONIC TRADING DISTRIBUTION	15/892,604	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Combinatorial Business Intelligence	14/918,128	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Low-Cost, Realistic, Performance Test Bed for an Electronic Trading Venue	15/897,226	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
DIGITAL COMMUNICATIONS INTERFACE AND GRAPHICAL USER INTERFACE	14/926,591	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Value Chain Analytics	62/481,737	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
SYSTEMS AND METHODS FOR OBTAINING AND EXECUTING COMPUTER CODE SPECIFIED BY CODE ORDERS IN AN ELECTRONIC	15/064,163	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Distributed Digital Identity	62/490,818	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
ELEKTRON PULSE METHODS, APPARATUSES AND MEDIA	14/727,055	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Digital Identity Deconstruction and Reconstruction	62/506,090	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
RISK IDENTIFICATION AND RISK REGISTER GENERATION SYSTEM AND ENGINE	15/181,194	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
APPARATUSES, METHODS AND SYSTEMS FOR PERSISTING VALUES IN A COMPUTING ENVIRONMENT.	15/683,330	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
APPARATUSES, METHODS AND SYSTEMS FOR ADJUSTING TAGGING IN A COMPUTING ENVIRONMENT	15/844,834	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)

Title	Application Number	Country	Grantor
METHOD AND SYSTEM FOR GENERATING AND USING A MASTER ENTITY ASSOCIATIVE DATA NETWORK	14/193,977	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Methods and Systems for Managing Supply Chain Processes and Intelligence	15/207,464	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
TRAILBLAZER METHODS, APPARATUSES AND MEDIA	14/170,191	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
DYNAMIC FUNCTION BUILDER	14/060,798	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
SYSTEM AND METHOD FOR AUTOMATED COMPLIANCE VERIFICATION	13/422,949	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
SYSTEM AND METHOD FOR VERIFIED COMPLIANCE IMPLEMENTATION	13/422,955	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Workflow Software Structured around Taxonomic Themes of Regulatory Activity	14/206,648	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
System And Method For Evaluating Regulatory Compliance For A Company	12/111,465	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Price Target Builder	13/566,605	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Machine Generated Financial Summary	14/189,287	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
IDEAL LATENCY FLOOR	14/533,543	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Method for Quantifying Temporal Fairness on Electronic Trading	14/930,499	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
FAIR CREDIT SCREENED MARKET DATA DISTRIBUTION	14/535,776	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
ENVIRONMENTAL, SOCIAL AND CORPORATE GOVERNANCE LINKED DEBT INSTRUMENTS	15/285,526	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Methods and Systems for Identity Creation, Verification and Management	15/283,993	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
M/S For Redacting and Presenting Documents	12/590,895	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
ASSOCIATION SIGNIFICANCE	15/351,256	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
MACHINE LEARNING-BASED RELATIONSHIP ASSOCIATION AND RELATED DISCOVERY AND SEARCH ENGINES	15/609,800	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
ENTITY FINGERPRINTS	15/077,713	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)

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Title	Application Number	Country	Grantor
System and Method for Improved Rating and Modeling of Asset Backed Securities	13/902,900	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
METHODS AND SYSTEMS FOR GENERATING COMPOSITE INDEX USING SOCIAL MEDIA SOURCED DATA AND SENTIMENT	13/337,662	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
METHODS AND SYSTEMS FOR GENERATING CORPORATE GREEN SCORE USING SOCIAL MEDIA SOURCED DATA AND	13/337,703	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
System and Method for Graphical Display of Multivariate Data	11/071,978	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
SYSTEM AND METHOD FOR ESTIMATING RATING CRITERIA VALUES	15/452,511	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
System and Method for Facilitating the Creation, Management and Valuation of Securities Research	12/635,568	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
SYSTEM AND METHOD FOR CONSTRUCTING OUTPERFORMING PORTFOLIOS RELATIVE TO TARGET BENCHMARKS	13/189,128	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
PREDICTIVE INITIAL PUBLIC OFFERING ANALYTICS	13/327,972	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
METHOD AND APPARATUS FOR RISK MINING	12/628,426	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
METHODS AND SYSTEMS FOR RISK MINING AND FOR GENERATING ENTITY RISK PROFILES	13/423,127	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
METHODS AND SYSTEMS FOR RISK MINING AND FOR GENERATING ENTITY RISK PROFILES AND FOR PREDICTING BEHAVIOR OF	13/423,134	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Methods and Systems for Predicting Market Behavior Based on News and Sentiment Analysis	13/308,496	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Methods and Systems for Generating Supply Chain Representations	13/795,022	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
SYSTEMS, METHODS, AND SOFTWARE FOR MANAGING AND COMMUNICATING FINANCIAL DATA	11/272,459	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Encoded Short Message Service Text Messaging Systems and Methods	11/408,804	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Systems and Methods for the Identification and Messaging of Trading Parties	14/136,635	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
FINANCIAL INFORMATION SYSTEMS, METHODS, INTERFACES, AND SOFTWARE	10/768,598	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Financial-Information Systems, Methods, Interfaces, and Software	11/239,663	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Electronic Commerce System	14/089,081	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)

Title	Application Number	Country	Grantor
Formulation of Optimized Investment Indeces	11/776,110	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Method and System For Generating A Valuation Metric Based on Growth Data Factors	14/172,379	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
A Method and System for Click-Thru Capacity in Electronic Media	14/884,953	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Method, System And Machine Readable Program For Mitigating Effects Of Spikes In Financial Data	11/937,737	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Integrated, Context Passing User Display	14/089,198	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Fund of Funds Analysis Tools	12/765,365	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Method for Certifying and Verifying Digital Web Content Using Public Cryptography	13/688,817	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Financial Market Trading System	10/477,932	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Methods and System for Identifying High Probability Trade Matches	14/264,847	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
WEATHER FORECAST SYSTEM AND METHOD	12/348,152	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Storm Commodity Forecast System and Method	12/501,036	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Delay-Free Matching Algorithm for Deemphasizing Effects of Speed Differentials among Price-Makers	16/041,966	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
System and Methods for Detecting and Locating Unsecured Sensors in a Network	15/921,243	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
System & Methods for Identity Atomization and Usage	16/007,581	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
System and Methods for Ranking Entities	16/019,157	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Systems Methods and Machine Readable Programs for Value Chain Analytics	15/944,904	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Digital Identity Deconstruction and Reconstruction	15/922,505	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Delay-Free Matching Algorithm for Deemphasizing Effects of Speed Differentials among Price Makers	62/648,459	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)
Automated Content Ingestion Tool	62/642,283	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)

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Title	Application Number	Country	Grantor
Deep Learning Approach for Accessing Corporate Credit Risk	62/655,974	United States	Refinitiv US Organization LLC (f/k/a Thomson Reuters (GRC) Inc.)

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