

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3103892

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
THOMSON REUTERS (MARKETS) LLC	12/16/2013
RECEIVING PARTY DATA	
Name:	THOMSON REUTERS GLOBAL RESOURCES
Street Address:	NEUHOFSTRASSE 1
City:	BAAR
State/Country:	SWITZERLAND
Postal Code:	6340
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13011723
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	ipdocketing@thomsonreuters.com
Correspondent Name:	THOMSON REUTERS GLOBAL RESOURCES
Address Line 1:	NEUHOFSTRASSE 1
Address Line 4:	BAAR, SWITZERLAND 6340
ATTORNEY DOCKET NUMBER:	055444-0391490
NAME OF SUBMITTER:	BART DIVITA
SIGNATURE:	/Bart DiVita/
DATE SIGNED:	11/12/2014
Total Attachments: 37	
source=IPA #182 TRM LLC (Legacy Market Assets)_13-12_Redacted - Done(Tab 6)#page1.tif	
source=IPA #182 TRM LLC (Legacy Market Assets)_13-12_Redacted - Done(Tab 6)#page2.tif	
source=IPA #182 TRM LLC (Legacy Market Assets)_13-12_Redacted - Done(Tab 6)#page3.tif	
source=IPA #182 TRM LLC (Legacy Market Assets)_13-12_Redacted - Done(Tab 6)#page4.tif	
source=IPA #182 TRM LLC (Legacy Market Assets)_13-12_Redacted - Done(Tab 6)#page5.tif	
source=IPA #182 TRM LLC (Legacy Market Assets)_13-12_Redacted - Done(Tab 6)#page6.tif	
source=IPA #182 TRM LLC (Legacy Market Assets)_13-12_Redacted - Done(Tab 6)#page7.tif	
source=IPA #182 TRM LLC (Legacy Market Assets)_13-12_Redacted - Done(Tab 6)#page8.tif	

PATENT

[illegible]

INTELLECTUAL PROPERTY ASSIGNMENT

This INTELLECTUAL PROPERTY ASSIGNMENT is entered into on the last date of signature below and effective as of 30 December 2013 (the *Effective Date*), by and between:

1. **Thomson Reuters (Markets) LLC**, a company incorporated under the laws of Delaware with its principal place of business at 3 Times Square, New York, NY 10036, USA, (*Assignor*); and
2. **Thomson Reuters Global Resources**, an Irish unlimited company, having a place of business at Neuhofstrasse 1, 6340 Baar, Switzerland, (*TRGR*).

RECITALS

- A. Assignor has acquired or developed certain technology and content assets as more particularly set out in Schedule 1 (*Assets*).
- B. Assignor wishes to divest itself of the risks and costs of maintaining and developing the *Assets* and maintaining, protecting and enforcing the *Patents* (as defined below).
- C. TRGR wishes to assume the economic ownership, risk and strategic functions for the future design, development and maintenance of the *Assets* and the future enhancement, maintenance, protection and enforcement of the *Patents*.
- D. Assignor has agreed to assign to TRGR all of Assignor's right, title and interest in and to the *Assets* and the *Patents* on the terms set out in this agreement.

1. DEFINITIONS AND INTERPRETATION

- 1.1 In this agreement, unless the context requires otherwise, each capitalized term will have the meaning set out below:

Affiliate means, in relation to any entity, another entity Controlling, Controlled by, or under common Control with, that entity.

Claim means any claim, demand, proceeding or other action.

Consent means any authorization, consent, order or other approval.

Control means the power to direct the management and affairs of an entity, directly or indirectly, whether through the ownership of voting securities, by contract or otherwise. In the case of a company, the direct or indirect ownership of fifty percent or more of its outstanding voting shares shall be deemed to confer control, provided that the direct or indirect ownership of a lower percentage of such securities shall not necessarily preclude the existence of control.

Contracts means all contracts entered into between Assignor and a third party relating to the development, acquisition or licensing of the *Assets* but excluding contracts for the sale or licensing of any of the *Assets* to end users.

Copyrights means all copyrights owned by Assignor relating to the *Assets*, in each case whether registered or unregistered and including applications for the grant of any such rights,

all extensions and renewals of such rights and all rights or forms of protection having equivalent or similar effect anywhere in the world.

Intellectual Property Rights means any patents, designs, trade marks, trade names, copyright in all specifications, drawings and technical descriptions, computer software and databases, database rights, moral rights, inventions (whether or not capable of protection by patent or registration), rights in commercial information and technical information (including know-how, research and development data, manufacturing methods and data, specifications and drawings, formulae, algorithms, prototypes and research materials), and other intellectual property rights, in each case whether registered or unregistered and including applications for the grant of any such rights and all rights or forms of protection having equivalent or similar effect anywhere in the world.

Know-How means information in any form, whether written or oral, of a business, financial or technical nature relating to the Assets or the development of them, including documentation, trade secrets, manufacturing and production processes and techniques, research and development information, software, computer outputs, technical data, know-how, procedures, protocols, techniques and results of experimentation and testing.

Licensed Patents means the patents set out in schedule 2 part (b) and relating to the Assets, in each, in each case including all reissues, divisions, continuations, continuations-in-part, extensions and reexaminations thereof, all inventions covered thereby, and all rights therein provided by international treaties or conventions.

Losses means all losses, liabilities, damages, costs and expenses (including taxes, legal fees and disbursements and costs of investigation, litigation, settlement, judgment, interest and penalties).

Open Source Software means (i) any software released under an Open Source Initiative (OSI) approved license (see <http://opensource.org>), and (ii) any software released under licenses that look similar to OSI approved licenses. For the avoidance of doubt, freeware is not considered Open Source Software.

Patents means the patents and patent applications set out in schedule 2 part (a) and relating to the Assets, in each case including all reissues, divisions, continuations, continuations-in-part, extensions and reexaminations thereof, all inventions covered thereby, and all rights therein provided by international treaties or conventions.

Personnel means officers, directors, employees, independent contractors, representatives, consultants, interns and temporary workers, and agents.

Purchase Price means [REDACTED] subject to adjustment in accordance with clause 4.2.

Tangible Materials means tangible materials in any form, whether written or electronic, embodying or relating to the Assets or the Patents.

Transferred Assets means, collectively, the Assets and the Patents, together with all related assets and rights, including common law rights, owned by Assignor relating to the Assets, including but not limited to Copyrights, Know-How, Contracts, and Tangible Materials.

- 1.2 Unless expressly stated otherwise, the following rules of interpretation will apply in this agreement:

- (a) words suggesting the singular include the plural, and vice versa;
- (b) words suggesting any gender include all other genders;
- (c) headings used in this agreement are for ease of reference only and will not affect the interpretation of this agreement;
- (d) references to any schedule, attachment, instrument, agreement or other document are to that schedule, attachment, instrument, agreement or other document as amended, supplemented, varied or replaced from time to time;
- (e) use of the words "includes" or "including" means "includes (or including), without limitation";
- (f) references to any statute, enactment, order, regulation or other similar instrument shall be construed as a reference to the statute, enactment, order, regulation or instrument as amended or replaced from time to time;
- (g) references to clauses and schedules are to clauses of and schedules to this agreement, and references to paragraphs and attachments are to paragraphs of and attachments to the schedules;
- (h) references to "this agreement" means this document called the Intellectual Property Assignment and its schedules and other documents attached to or otherwise expressly incorporated in this agreement, as amended from time to time in accordance with this agreement;
- (i) the schedules form part of the operative provisions of this agreement and references to this agreement shall, unless the context otherwise requires, include references to the schedules;
- (j) references to a person or entity shall include references to individuals, bodies corporate, unincorporated associations, partnerships and any other entity having legal capacity; and
- (k) a reference to a "party" or "parties" are references to either or both of Assignor and TRGR, as the context requires.

2. ASSIGNMENT

2.1 In consideration of the Purchase Price, Assignor:

- (a) assigns to TRGR absolutely all of Assignor's right, title and interest in and to the Transferred Assets, including:
 - i. all the goodwill associated with the Transferred Assets;
 - ii. the absolute entitlement to any registrations granted pursuant to any of the applications comprised in the Patents; and
 - iii. the right to bring, make, oppose, defend, or appeal any Claim and obtain relief (and to retain any damages recovered) in respect of any infringement, or any other cause of action arising from ownership, of any of the Transferred Assets whether occurring before, on, or after the Effective Date;
- (b) grants to TRGR, subject to the terms and conditions of this agreement, a non-exclusive, perpetual license (with right to sublicense) under the Licensed Patents to make, have made, use, offer to sell, sell and import any products that would infringe any of the Licensed Patents.

- 2.2 To the extent that any Patents are currently registered in the name of an Affiliate of Assignor, Assignor shall procure that the relevant Patents are re-registered in the name of Assignor prior to or as soon as reasonably possible after the Effective Date (and thereafter, clause 2.4 shall apply).
- 2.3 Assignor shall deliver to TRGR all Tangible Materials within 30 days of a request by TRGR to do so.
- 2.4 Assignor shall, at the cost and expense of TRGR, take all reasonable actions and execute all documents necessary or desirable to record and perfect the interest of TRGR in and to the Transferred Assets, and shall not enter into any agreement in conflict with this agreement.
- 2.5 From the Effective Date, Assignor shall cease all use of the Transferred Assets unless otherwise permitted under a separate written agreement entered into between the parties.

3. CONTRACTS AND CONSENTS

- 3.1 Assignor shall identify any Contracts from which Assignor's rights to the Transferred Assets derive or on which they otherwise depend, and shall assign to TRGR its rights and obligations under those Contracts as agreed by the parties. Subject to the terms of this agreement, from and after the Effective Date, TRGR shall assume all of the rights or obligations of Assignor under the Contracts.
- 3.2 Assignor shall promptly serve all notices and shall use its reasonable endeavours to obtain any Consent which TRGR reasonably deems necessary in connection with this agreement, including those required by the Contracts or otherwise required from relevant officials in order for Assignor to perform its obligations under this agreement.
- 3.3 TRGR shall co-operate with and provide reasonable assistance to Assignor in serving notices and obtaining the Consents referred to in clause 3.2 above, provided that TRGR shall not be obliged to:
- (a) give any guarantee or other consideration in connection with the foregoing; or
 - (b) consent to any change in the terms of a Contract which TRGR (in its sole discretion) considers to be adverse to its interests.
- 3.4 If any required Consent is not obtained prior to (or within a reasonable time after) the Effective Date, Assignor shall use its reasonable endeavours to provide TRGR with the rights and benefits associated with the affected Contract for the remainder of the relevant term, subject to TRGR assuming the obligations and burdens under the relevant Contract.

4. PURCHASE PRICE

- 4.2 The amount of the Purchase Price and the inventory of Transferred Assets may be amended or adjusted by agreement between the parties following review of the Transferred Assets delivered by Assignor to TRGR, but the parties shall use their reasonable endeavours to finalise any such amendment or adjustment within 6 months after the Effective Date.

5. CONFIDENTIALITY

- 5.1 Assignor, on its own behalf and as agent for its Affiliates, advisers, agents and representatives, agrees to hold all Know-How in strict confidence and shall not, without TRGR's prior written consent, use any Know-How for any purpose or disclose any part of it to any third party.
- 5.2 In maintaining the confidentiality of Know-How, Assignor shall exercise the same degree of care that it exercises with respect to its own confidential information and in no event less than a reasonable degree of care. Without limiting the foregoing, Assignor shall use commercially reasonable efforts to ensure that each of its Personnel complies with the obligations under clause 5.1.
- 5.3 Assignor shall immediately notify TRGR if it discovers any unauthorized use or disclosure of Know-How, and the parties shall co-operate in taking appropriate steps to regain possession of the Know-How and to prevent its further unauthorized use.

6. WARRANTIES AND REPRESENTATIONS

Assignor warrants and represents as follows:

- 6.1 It has, and will at all relevant times have, the requisite power, capacity and authority and all necessary licenses, permits and consents to enter into this agreement and to carry out the obligations contemplated in this agreement.
- 6.2 The execution and performance of this agreement shall not:
 - (a) constitute a violation of any law, or of any judgment, order or decree of any court or governmental agency to which it is a party, or by which it is bound; or
 - (b) subject to clause 3, conflict with or give rise to a default (or an event which, with the giving of notice or lapsing of time (or both), would become a default) under or entitle any third party to terminate, amend, suspend, revoke or cancel any contract, agreement, lease, sublease, license, permit, franchise or other instrument or arrangement to which it is a party.
- 6.3 It owns the entire right, title and interest in and to (or otherwise has the right to use) the Transferred Assets.
- 6.4 Save to the extent otherwise agreed between the parties (but subject to Assignor's completion of any remediation work required by TRGR), the Transferred Assets include no Open Source Software components that would:
 - (a) impose any requirement or obligation on how TRGR uses the Transferred Assets or TRGR's applications;
 - (b) grant any rights to any third party; or
 - (c) have the effect of requiring that all or parts of the Transferred Assets or TRGR's applications be publicly disclosed, licensed, reproduced or otherwise made available in any manner to any third party pursuant to license terms including GNU's General Public License (GPL), lesser GPL, the artistic license (e.g., PERL), or the Netscape public license.
- 6.5 TRGR's permitted use and possession of the Transferred Assets will not be interrupted or otherwise disturbed by any entity asserting a claim under or through Assignor.
- 6.6 To its knowledge:
 - (a) the use of the Transferred Assets by TRGR does not infringe or conflict with any Intellectual Property Rights of a third party; and

(b) no Know-How has been misappropriated from a third party.

6.7 The Transferred Assets do not contain any program, routine, device, or other undisclosed feature, including, without limitation, a time bomb, virus, software lock, drop-dead device, malicious logic, worm, trojan horse, or trap door, that is designed to delete, disable, deactivate, interfere with or otherwise harm any software or hardware, data or other programs, or that is intended to provide access or produce modifications not authorized by TRGR.

7. INDEMNITIES

7.1 Assignor shall indemnify, defend and hold TRGR harmless from and against any and all Losses incurred by TRGR arising from, or in connection with:

(a) Assignor's breach of the warranties set out in clause 6; or

(b) any Claim that the Transferred Assets infringe any Intellectual Property Rights of a third party.

7.2 The indemnity in clause 7.1(b) shall not apply to the extent that the Claim arises from TRGR's misuse or modification of the Transferred Assets or use of the Transferred Assets in combination with any product or information not owned or developed by Assignor. Should TRGR's use of the Transferred Assets be restricted, encumbered, or enjoined by reason of any Claim, Assignor shall provide all reasonable assistance in obtaining for TRGR the right to continue to use the Transferred Assets.

7.3 TRGR shall give Assignor prompt notice of any actual or threatened Claim. Assignor shall have the exclusive right to control the defence of the Claim and all negotiations for its settlement or compromise, provided that it shall not agree to any non-financial settlement, consent or other agreement without TRGR's prior written consent (not to be unreasonably withheld or delayed). TRGR shall provide reasonable assistance, at Assignor's expense, in connection with the defence of any Claim. TRGR shall have the right to participate (at its own expense) in the defence of a Claim.

8. LIMITATION OF LIABILITY

8.1 Except as set out in this clause 8, Assignor's entire liability to TRGR, whether in contract, tort, negligence, misrepresentation, for breach of duty, or howsoever otherwise arising, shall be limited to the Purchase Price.

8.2 The limitation of liability set out in clause 8.1 shall not apply (and no limitation of liability shall apply) with respect to:

(a) any breach by Assignor of its confidentiality obligations under this agreement;

(b) the indemnities set out in clause 7.1; or

(c) any loss or damage arising from Assignor's gross negligence or willful misconduct.

8.3 Except in relation to the indemnities given under clause 7.1, Assignor shall not be liable to TRGR for indirect, incidental, special, punitive or consequential loss or damages of any kind or for any loss of profits, revenue, goodwill or anticipated savings, arising out of or in connection with this agreement, whether or not Assignor has been advised of the possibility of such loss or damages.

9. DISPUTE RESOLUTION AND LAW

9.1 The parties intend to attempt to resolve disputes informally. Any dispute between the parties arising out of or relating to this agreement shall, wherever reasonably possible, be escalated for resolution to a senior executive of each of the parties.

9.2 The construction, performance and validity of this agreement will be governed by the laws of the State of New York.

9.3 If the parties are unable to resolve a dispute by the application of the informal procedure set out in clause 9.1, then either party may elect to seek recourse through any state or federal court sitting in the State of New York, and any court to which an appeal from the foregoing may be taken, which will have exclusive jurisdiction in respect of all Claims and disputes brought. Each party irrevocably waives the right to a trial by jury in any action or proceeding arising out of this agreement.

10. GENERAL

10.1 Assignment

- (a) This agreement is personal to the parties and accordingly subject to clause 10.1(b), neither party may assign, encumber, declare a trust over or otherwise transfer in any way any of its rights arising under this agreement without the prior written consent of the other party.
- (b) TRGR may assign its rights or transfer its obligations under this agreement to any of its Affiliates without Assignor's consent.
- (c) All provisions contained in this agreement shall extend to and be binding upon the parties and their respective successors and permitted assignees.

10.2 Counterparts

- (a) This agreement may be executed in several identical counterparts, all of which taken together will constitute one single agreement between the parties.
- (b) Delivery of an executed signature page of a counterpart by facsimile transmission or in Adobe™ Portable Document Format (PDF) sent by electronic mail shall take effect as delivery of an executed counterpart of this agreement.

10.3 Relationship of Parties

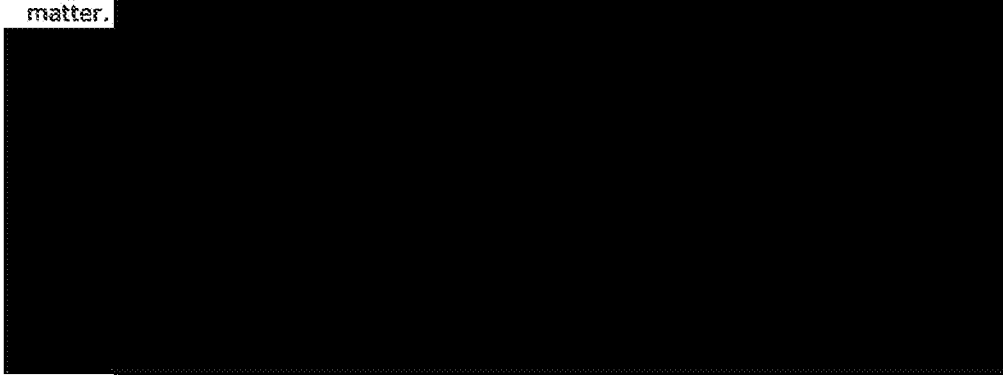
Neither party shall have, or represent that it has, any power, right or authority to bind the other party to any obligation or liability, or to assume or create any obligation or liability on behalf of the other party.

10.4 Notices

- (a) Subject to clause 10.4(c), any notice, demand or other communication to be made between the parties pursuant to this agreement may be made by electronic mail or other electronic means and the parties so agree that:
 - (i) each shall notify each other in writing of their electronic mail address and/or any other information required to enable the sending and receipt of information by that means; and
 - (ii) notify each other of any change to their address or any other such information supplied by them.
- (b) Any electronic communication made between the parties will be effective only when actually received in readable form.

- (c) Any notice, demand or other communication given or made under clauses 5.3 or 7.3 shall be in writing and shall be delivered personally or sent by prepaid first class post (air mail if posted to or from a place outside Switzerland) to the address of the parties specified at the start of this agreement or to such address as either party shall notify (in accordance with this clause 10.4(c)). Notices to TRGR shall be sent to the attention of the Chief Counsel. Notices to Assignor shall be sent to the attention of the person executing this agreement, or to such other person as the Assignor may designate from time to time.

10.5 Entire agreement

- (a) This agreement, together with any ancillary documents referred to herein, constitutes the entire agreement of the parties and supersedes all prior agreements and undertakings (whether written or oral) between the parties with respect to its subject matter.
- 

- (b) Each party acknowledges that it has not been induced to enter into this agreement in reliance on, nor has it been given, any condition, representation, statement, assurance, covenant, agreement, undertaking, indemnity or commitment of any nature whatsoever other than as are expressly set out in this agreement and to the extent that any of them has been, it unconditionally and irrevocably waives any claims, rights or remedies which any of them might otherwise have had in relation thereto, provided that nothing in this clause shall limit or exclude any liability for fraud.

10.6 Waiver

- (a) A waiver of any term, provision or condition of, or consent granted under, this agreement shall be effective only if given in writing and signed by the waiving or consenting party and then only in the instance and for the purpose for which it is given.
- (b) No failure or delay on the part of either party in exercising any right, power or privilege under this agreement shall operate as a waiver thereof, nor shall any single or partial exercise of any such right, power or privilege preclude any other or further exercise thereof or the exercise of any other right, power or privilege.

10.7 Invalidity and severability

- (a) If any provision of this agreement is or becomes (whether or not pursuant to any judgment or otherwise) invalid, illegal or unenforceable in any respect under the law of any jurisdiction:

- (i) the validity, legality and enforceability under the law of that jurisdiction of any other provision; and
- (ii) the validity, legality and enforceability under the law of any other jurisdiction of that or any other provision,

shall not be affected in any way thereby.

- (b) If any provision of this agreement shall be held to be void or declared illegal, invalid or unenforceable for any reason whatsoever, such provision shall be divisible from this agreement and shall be deemed to be deleted from this agreement and the validity of the remaining provisions shall not be affected. If any such deletion materially affects the interpretation of this agreement or the economic or legal substance of the transactions contemplated by it, then the parties shall negotiate in good faith with a view to agreeing a substitute provision which as closely as possible reflects the commercial intention of the parties.

10.8 Variation

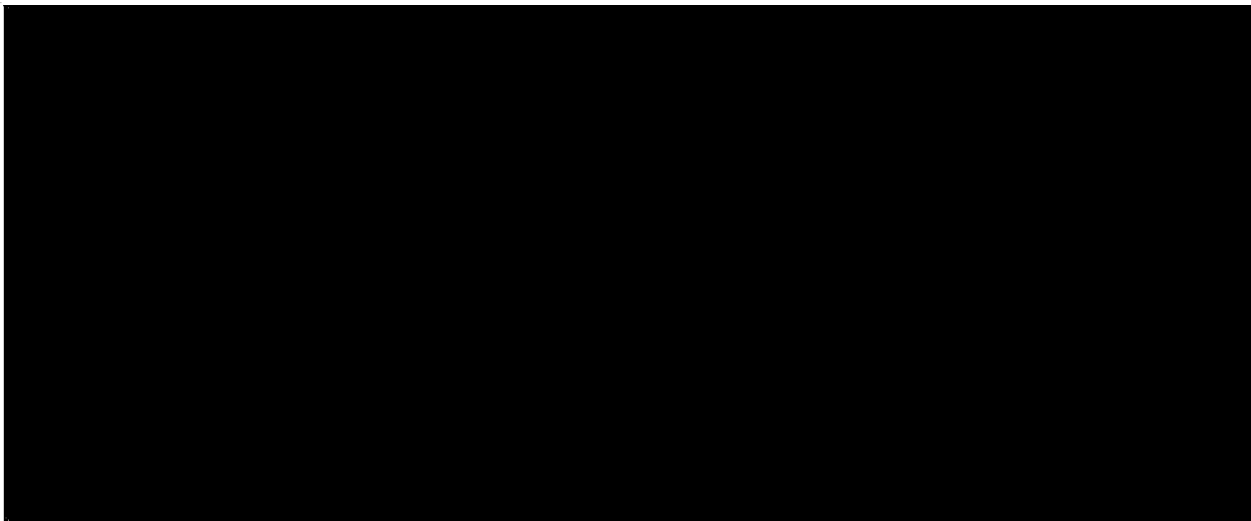
No variation of this agreement shall be effective unless it is in writing and signed by the parties (or their authorized representatives).

10.9 Third party rights

Nothing in this agreement is intended to or shall confer upon any third party any legal or equitable right, benefit or remedy of any nature whatsoever under or by reason of this agreement.

[Remainder of page left intentionally blank]

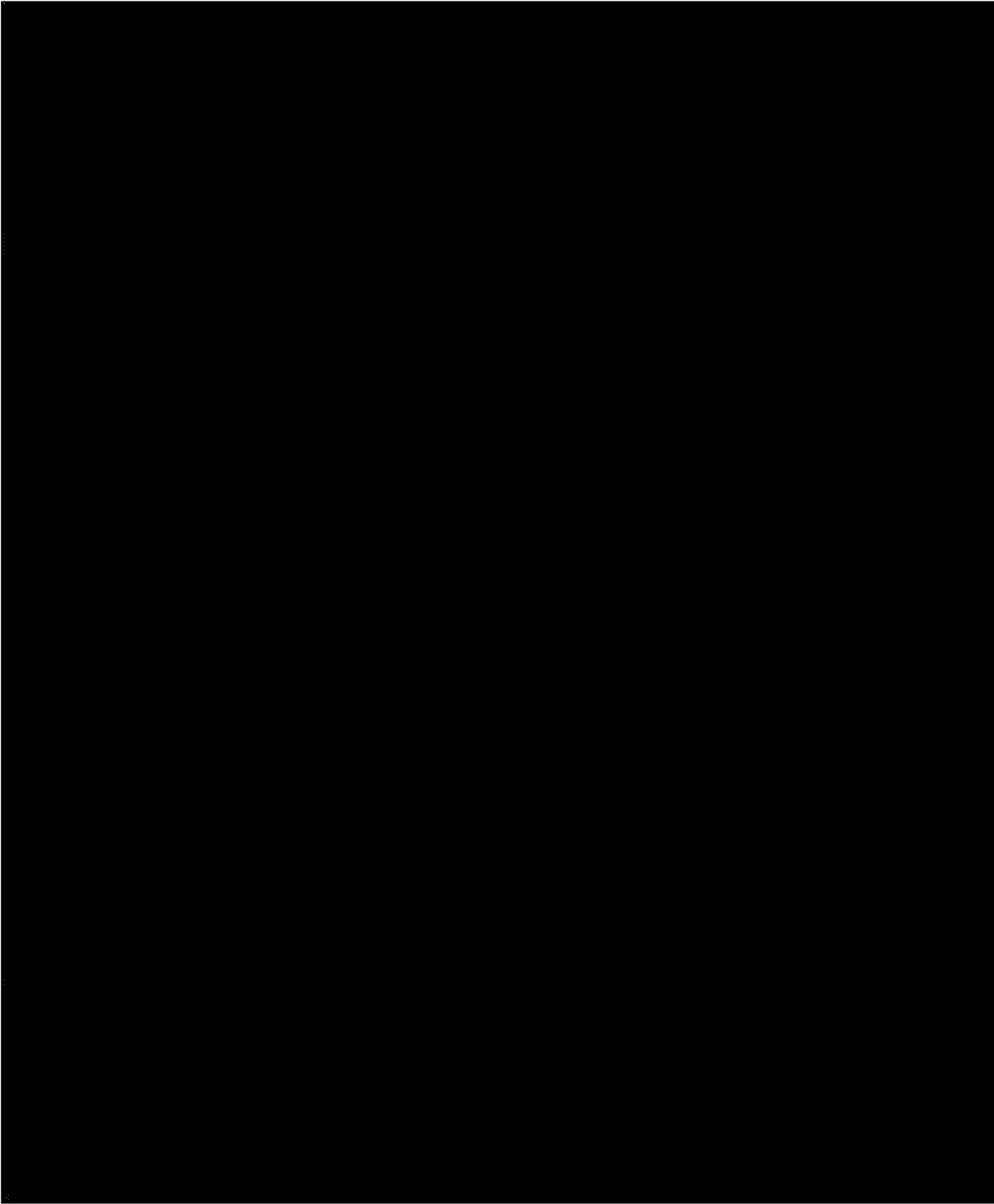
THOMSON REUTERS GLOBAL RESOURCES



TRGR IP Assignment (US entities installment sale)

10

PATENT
REEL: 034205 FRAME: 0104



Schedule 2

Patents and Licensed Patents

(a) Patents

Docket Number	Country	Title	Relation Type	Status	Application No.	Application Date	Patent No.	Grant Date
TRM-ENT_001_AU1	Australia	Data Health Monitor for Financial Information Communications Networks	Original Filing	Granted	98/83184	07/09/1998	751854	09/04/2003
TRM-ENT_001_CA1	Canada	Data Health Monitor for Financial Information Communications Networks	Original Filing	Granted	2,245,463	21/08/1998	2,245,463	02/02/2010
TRM-ENT_001_CH1	Switzerland	Data Health Monitor for Financial Information Communications Networks	Original Filing	Granted	98307183.8	07/09/1998	0902570	09/04/2003
TRM-ENT_001_DE1	Germany	Data Health Monitor for Financial Information Communications Networks	Original Filing	Granted	EP0902570	07/09/1998	DE69813123.1	09/04/2003
TRM-ENT_001_FR1	France	Data Health Monitor for Financial Information Communications Networks	Original Filing	Granted	98307183.8	07/09/1998	0902570	09/04/2003
TRM-ENT_001_GB1	Great Britain	Data Health Monitor for Financial Information Communications Networks	Original Filing	Granted	98307183.8	07/09/1998	0902570	09/04/2003
TRM-ENT_001_JP1	Japan	Data Health Monitor for Financial Information Communications Networks	Original Filing	Granted	1998-252380	07/09/1998	4489854	09/04/2010
TRM-ENT_001_SG1	Singapore	Data Health Monitor for Financial Information Communications Networks	Original Filing	Granted	9803419-2	04/09/1998	70119	22/05/2001
TRM-ENT_001_US1	United States	Data Health Monitor for Financial Information Communications Networks	Original Filing	Granted	08/925,586	08/09/1997	6,005,206	21/12/1999
TRM-ENT_001_US2	United States	Data Health Monitor for Financial Information Communications Networks	Continuation	Granted	09/466,774	20/12/1999	6,587,840	01/07/2003
TRM-ENT_001_US3	United States	Data Health Monitor for Financial Information Communications Networks	Continuation	Granted	10/602,761	25/06/2003	7,050,981	23/05/2006
TRM-ENT_002_US1	United States	DISPLAY METHOD FOR TIME-ORDERED DYNAMIC LISTS OF DATA	Original Filing	Granted	09/246,832	08/02/1999	6,462,758	08/10/2002

Docket Number	Country	Title	Relation Type	Status	Application No.	Application Date	Patent No.	Grant Date
TRM-ENT_003_US1	United States	DISTRIBUTED DATA ACCESS SYSTEM INCLUDING A PLURALITY OF DATABASE ACCESS PROCESSORS WITH ONE-FOR-N REDUNDANCY	Original Filing	Granted	08/055,849	30/04/1993	5,408,649	18/04/1995
TRM-ENT_003_US2	United States	DISTRIBUTED DATA ACCESS SYSTEM INCLUDING A PLURALITY OF DATABASE ACCESS PROCESSORS WITH ONE-FOR-N REDUNDANCY	Continuation	Granted	08/375,388	18/01/1995	5,621,884	15/04/1997
TRM-ENT_004_US1	United States	Market Data and Enterprise System Implemented by a Master Entitlement Processor	Original Filing	Granted	09/246,348	08/02/1999	6,535,917	18/03/2003
TRM-ENT_004_US2	United States	Market Data and Enterprise System Implemented by a Master Entitlement Processor	Continuation	Granted	10/390,163	09/12/2003	8,195,780	05/06/2012
TRM-ENT_005_US1	United States	METHOD AND MEANS FOR NAVIGATING USER INTERFACES WHICH SUPPORT A PLURALITY OF EXECUTING APPLICATIONS	Original Filing	Granted	08/479,792	07/06/1995	5,721,850	24/02/1998
TRM-ENT_005_US2	United States	METHOD AND MEANS FOR NAVIGATING USER INTERFACES WHICH SUPPORT A PLURALITY OF EXECUTING APPLICATIONS	Continuation	Granted	08/856,425	14/05/1997	6,069,628	30/05/2000
TRM-ENT_006_US1	United States	METHOD AND SYSTEM FOR LAYOUT OF OBJECTS WITHIN A PERIMETER USING CONSTRAINED INTERACTIVE SEARCH	Original Filing	Granted	09/246,989	08/02/1999	6,380,954	30/04/2002
TRM-ENT_007_US1	United States	METHOD OF CONTROLLING SOFTWARE APPLICATIONS SPECIFIC TO A GROUP OF USERS	Original Filing	Granted	09/246,351	08/02/1999	6,513,111	28/01/2003
TRM-ENT_008_US1	United States	System and Method for Remote Printer Emulation in a Network	Original Filing	Granted	08/603,506	20/02/1996	5,848,261	08/12/1998
TRM-ENT_009_US1	United States	SYSTEM AND METHOD FOR UNIFIED DATA ACCESS OF FINANCIAL DATA	Original Filing	Granted	09/629,665	01/08/2000	6,606,637	12/08/2003
TRM-ENT_010_US1	United States	System and Method of Accelerating Delivery of Dynamic Web Pages over a Network	Original Filing	Granted	09/862,251	22/05/2001	7,376,653	20/05/2008
TRM-ENT_011_US1	United States	Time Monitor	Original Filing	Granted	11/466,258	22/08/2006	8,345,561	01/01/2013

TRM IP Assignment (US entities installment sale)

Docket Number	Country	Title	Relation Type	Status	Application No.	Application Date	Patent No.	Grant Date
TRM-ENT_013_US1	United States	Messaging Model and Architecture	Original Filing	Granted	11/533,484	20/09/2006	6,234,391	31/07/2012
TRM-ENT_014_SG1	Singapore	Metadata Database Management System and Method Therefor	Original Filing	Granted	200201821-6	02/04/2002	106088	30/04/2004
TRM-ENT_014_US1	United States	Metadata Database Management System and Method Therefor	Original Filing	Granted	10/510,045	01/10/2004	7,613,728	03/11/2009
TRM-ENT_015_US1	United States	Method and System of Managing Credit for the Electronic Trading of Financial Instruments	Original Filing	Granted	09/665,305	19/09/2000	7,110,972	19/09/2006
TRM-ENT_015_US2	United States	Method and System of Managing Mutual Early Termination Terms for the Electronic Trading of Financial Instruments	Continuation-In-Part	Granted	09/692,029	19/10/2000	7,266,521	04/09/2007
TRM-ENT_019_US1	United States	Method And System For Multi-Period Performance Attribution	Original Filing	Granted	09/613,855	11/07/2000	7,249,079	24/07/2007
TRM-ENT_019_US2	United States	Method And System For Multi-Period Performance Attribution	Continuation-In-Part	Granted	09/698,693	27/10/2000	7,246,091	17/07/2007
TRM-ENT_019_US3	United States	Method And System For Multi-Period Performance Attribution With Metric-Preserving Coefficients	Continuation-In-Part	Granted	09/848,741	03/05/2001	7,249,082	24/07/2007
TRM-ENT_020_US1	United States	Apparatus, Method And System For A Securities Tracking Management System	Original Filing	Granted	10/656,271	28/05/2004	7,546,259	09/06/2009
TRM-ENT_021_US1	United States	Covert Digital Identifying Indicia for Digital Image	Original Filing	Granted	08/864,150	28/05/1997	6,049,627	11/04/2000
TRM-ENT_022_US1	United States	Readership information delivery system for electronically distributed investment research	Original Filing	Granted	09/265,733	10/03/1999	6,651,056	18/11/2003
TRM-ENT_024_US1	United States	Distributed Commerce System	Original Filing	Granted	09/696,754	25/10/2000	7,330,830	12/02/2008
TRM-ENT_024_US1a	United States	Distributed Commerce System	Division	Granted	12/028,551	09/02/2008	8,359,251	22/01/2013
TRM-ENT_024_US2	United States	Electronic Commerce Infrastructure System	Original Filing	Granted	09/697,024	25/10/2000	7,287,089	23/10/2007

Docket Number	Country	Title	Relation Type	Status	Application No.	Application Date	Patent No.	Grant Date
TRM-ENT_024_US2a	United States	Electronic Commerce Infrastructure System	Continuation	Granted	11/873,998	17/10/2007	8,010,412	30/08/2011
TRM-ENT_024_US3	United States	Electronic Sales System	Original Filing	Granted	09/698,765	25/10/2000	7,305,380	04/12/2007
TRM-ENT_025_US1	United States	System, Method and Computer Readable Medium Containing Instructions for Evaluating and Disseminating Investor Performance Information	Original Filing	Granted	09/597,742	18/06/2000	7,016,872	21/03/2006
TRM-ENT_025_US2	United States	System, method and computer readable medium containing instructions for evaluating and disseminating securities analyst performance information	Continuation	Granted	09/829,439	10/04/2001	7,546,263	09/06/2009
TRM-ENT_025_US3	United States	System, Method and Computer Readable Medium Containing Instructions for Evaluating and Disseminating Investor Performance Information	Continuation	Granted	11/385,349	20/03/2006	7,788,165	31/08/2010
TRM-ENT_025_US4	United States	System, Method and Computer Readable Medium Containing Instructions for Evaluating and Disseminating Investor Performance Information	Division	Granted	11/385,214	20/03/2006	7,788,166	31/08/2010
TRM-ENT_026_US1	United States	System and Method for Integrated Delivery of Media and Synchronized Transcription	Original Filing	Granted	09/498,233	03/02/2000	6,513,003	28/01/2003
TRM-ENT_028_US1	United States	Real-Time Financial Search Engine and Method	Original Filing	Granted	09/464,333	15/12/1999	6,850,906	01/02/2005
TRM-ENT_029_US1	United States	System and Method for Data Compression using Compression Hardware	Original Filing	Granted	12/130,727	30/05/2008	7,987,161	29/07/2011
TRM-ENT_029_US2	United States	System and Method for Data Compression using Compression Hardware	Continuation	Granted	13/190,099	25/07/2011	8,538,938	17/09/2013

Docket Number	Country	Title	Relation Type	Status	Application No.	Application Date	Patent No.	Grant Date
TRM-ENT_030_US1b	United States	APPARATUS AND METHOD FOR PROVIDING DECOUPLING OF DATA EXCHANGE DETAILS FOR PROVIDING HIGH PERFORMANCE COMMUNICATION BETWEEN SOFTWARE PROCESSES	Continuation-In-Part	Granted	07/632,551	21/12/1990	5,557,798	17/09/1996
TRM-ENT_030_US2	United States	APPARATUS AND METHOD FOR PROVIDING DECOUPLED DATA COMMUNICATIONS BETWEEN SOFTWARE PROCESSES	Continuation	Granted	08/478,225	07/06/1995	5,966,531	12/10/1999
TRM-ENT_030_US2a	United States	APPARATUS AND METHOD FOR PROVIDING DECOUPLING OF DATA EXCHANGE DETAILS FOR PROVIDING HIGH PERFORMANCE COMMUNICATION BETWEEN SOFTWARE PROCESSES	Continuation-In-Part	Granted	07/636,044	28/12/1990	5,339,392	16/08/1994
TRM-ENT_031_AU1	Australia	APPARATUS AND METHOD FOR PROVIDING DECOUPLING OF DATA EXCHANGE DETAILS FOR PROVIDING HIGH PERFORMANCE COMMUNICATION BETWEEN SOFTWARE PROCESSES	Original Filing	Granted	1991086024	21/10/1991	648113	11/05/1992
TRM-ENT_031_BE1	Belgium	APPARATUS AND METHOD FOR PROVIDING DECOUPLING OF DATA EXCHANGE DETAILS FOR PROVIDING HIGH PERFORMANCE COMMUNICATION BETWEEN SOFTWARE PROCESSES	Original Filing	Granted	91402811.3	22/10/1991	0485252	13/05/1992
TRM-ENT_031_CH1	Switzerland	APPARATUS AND METHOD FOR PROVIDING DECOUPLING OF DATA EXCHANGE DETAILS FOR PROVIDING HIGH PERFORMANCE COMMUNICATION BETWEEN SOFTWARE PROCESSES	Original Filing	Granted	91402811.3	22/10/1991	0485252	13/05/1992
TRM-ENT_031_DE1	Germany	APPARATUS AND METHOD FOR PROVIDING DECOUPLING OF DATA EXCHANGE DETAILS FOR PROVIDING HIGH PERFORMANCE COMMUNICATION BETWEEN SOFTWARE PROCESSES	Original Filing	Granted	EP0485252	22/10/1991	DE69128952.2	13/05/1992

Docket Number	Country	Title	Relation Type	Status	Application No.	Application Date	Patent No.	Grant Date
TRM-ENT_031_EP1	European Patent Convention	APPARATUS AND METHOD FOR PROVIDING DECOUPLING OF DATA EXCHANGE DETAILS FOR PROVIDING HIGH PERFORMANCE COMMUNICATION BETWEEN SOFTWARE PROCESSES	Original Filing	Granted	91402811.3	22/10/1991	485252	13/05/1992
TRM-ENT_031_FR1	France	APPARATUS AND METHOD FOR PROVIDING DECOUPLING OF DATA EXCHANGE DETAILS FOR PROVIDING HIGH PERFORMANCE COMMUNICATION BETWEEN SOFTWARE PROCESSES	Original Filing	Granted	91402811.3	22/10/1991	0485252	13/05/1992
TRM-ENT_031_GB1	Great Britain	APPARATUS AND METHOD FOR PROVIDING DECOUPLING OF DATA EXCHANGE DETAILS FOR PROVIDING HIGH PERFORMANCE COMMUNICATION BETWEEN SOFTWARE PROCESSES	Original Filing	Granted	91402811.3	22/10/1991	0485252	13/05/1992
TRM-ENT_031_LU1	Luxembourg	APPARATUS AND METHOD FOR PROVIDING DECOUPLING OF DATA EXCHANGE DETAILS FOR PROVIDING HIGH PERFORMANCE COMMUNICATION BETWEEN SOFTWARE PROCESSES	Original Filing	Granted	91402811.3	22/10/1991	0485252	13/05/1992
TRM-ENT_031_NL1	Netherlands	APPARATUS AND METHOD FOR PROVIDING DECOUPLING OF DATA EXCHANGE DETAILS FOR PROVIDING HIGH PERFORMANCE COMMUNICATION BETWEEN SOFTWARE PROCESSES	Original Filing	Granted	91402811.3	22/10/1991	0485252	13/05/1992
TRM-ENT_031_SE1	Sweden	APPARATUS AND METHOD FOR PROVIDING DECOUPLING OF DATA EXCHANGE DETAILS FOR PROVIDING HIGH PERFORMANCE COMMUNICATION BETWEEN SOFTWARE PROCESSES	Original Filing	Granted	EP0485352	22/10/1991	91402811.3	13/05/1992

Docket Number	Country	Title	Relation Type	Status	Application No.	Application Date	Patent No.	Grant Date
TRM-ENT_031_US1	United States	APPARATUS AND METHOD FOR PROVIDING DECOUPLING OF DATA EXCHANGE DETAILS FOR PROVIDING HIGH PERFORMANCE COMMUNICATION BETWEEN SOFTWARE PROCESSES	Original Filing	Granted	07/601,117	22/10/1990	5,257,369	26/10/1993
TRM-ENT_031_US2	United States	APPARATUS AND METHOD FOR PROVIDING DECOUPLING OF DATA EXCHANGE DETAILS FOR PROVIDING HIGH PERFORMANCE COMMUNICATION BETWEEN SOFTWARE PROCESSES	Continuation	Granted	07/632,551	21/12/1990	5,557,798	17/09/1996
TRM-ENT_032_US1	United States	APPARATUS AND METHOD FOR CREATION OF A USER DEFINABLE VIDEO DISPLAYED DOCUMENT SHOWING CHANGES IN REAL TIME DATA	Original Filing	Granted	07/636,044	28/12/1990	5,339,392	16/08/1994
TRM-I&A_001_AU1	Australia	A METHOD AND SYSTEM FOR PROVIDING DATA TO A USER BASED ON USER'S INQUIRY	Original Filing	Granted	2000040706	04/04/2000	760709	04/09/2003
TRM-I&A_001_CH1	Switzerland	A METHOD AND SYSTEM FOR PROVIDING DATA TO A USER BASED ON USER'S INQUIRY	Original Filing	Granted	193/02	04/04/2000	704497	31/08/2012
TRM-I&A_001_GB1	Great Britain	A METHOD AND SYSTEM FOR PROVIDING DATA TO A USER BASED ON USER'S INQUIRY	Original Filing	Granted	00920120.3	04/04/2000	2363660	29/10/2003
TRM-I&A_001_GB2	Great Britain	A METHOD AND SYSTEM FOR PROVIDING DATA TO A USER BASED ON USER'S INQUIRY	Division	Granted	318435.5	04/04/2000	2388939	11/02/2004
TRM-I&A_001_HK1	Hong Kong	A METHOD AND SYSTEM FOR PROVIDING DATA TO A USER BASED ON USER'S INQUIRY	Original Filing	Granted	02102569.5	06/04/2002	1040794	08/04/2004
TRM-I&A_001_US1	United States	A METHOD AND SYSTEM FOR PROVIDING DATA TO A USER BASED ON USER'S INQUIRY	Original Filing	Granted	09/290,121	12/04/1999	6,351,747	26/02/2002
TRM-I&A_002_CA1	Canada	SYSTEM AND METHOD FOR GENERATION OF TEXT REPORTS	Original Filing	Granted	2,294,662	10/01/2000	2,294,662	19/10/2010

Docket Number	Country	Title	Relation Type	Status	Application No.	Application Date	Patent No.	Grant Date
TRM-I&A_002_US1	United States	SYSTEM AND METHOD FOR GENERATION OF TEXT REPORTS	Original Filing	Granted	09/228,874	11/01/1999	6,551,219	18/11/2003
TRM-I&A_003_AU1	Australia	Method and System for Referencing, Archiving and Retrieving Symbolically Linked Information	Original Filing	Granted	200050348	18/05/2000	775019	04/11/2004
TRM-I&A_003_CA1	Canada	Method and System for Referencing, Archiving and Retrieving Symbolically Linked Information	Original Filing	Granted	2,375,481	18/05/2000	2,375,481	10/08/2010
TRM-I&A_003_JP1	Japan	Method and System for Referencing, Archiving and Retrieving Symbolically Linked Information	Original Filing	Granted	2001-515889	18/05/2000	4754748	03/06/2011
TRM-I&A_003_JP3	Japan	A METHOD AND SYSTEM FOR SYMBOLIC LINKAGE AND INTELLIGENT CATEGORIZATION OF INFORMATION	Division	Granted	2009-030505	12/02/2009	5249074	19/04/2013
TRM-I&A_003_US1	United States	Method and System for Referencing, Archiving and Retrieving Symbolically Linked Information	Original Filing	Granted	09/336,031	18/06/1999	7,398,282	09/07/2008
TRM-I&A_003_US2	United States	A METHOD AND SYSTEM FOR SYMBOLIC LINKAGE AND INTELLIGENT CATEGORIZATION OF INFORMATION	Continuation-In-Part	Granted	09/766,293	19/01/2001	6,665,679	16/12/2003
TRM-I&A_004_CA1	Canada	METHOD AND SYSTEM FOR STORING AND RETRIEVING DOCUMENTS	Original Filing	Granted	2,266,942	25/03/1999	2,266,942	24/01/2012
TRM-I&A_004_GB1	Great Britain	METHOD AND SYSTEM FOR STORING AND RETRIEVING DOCUMENTS	Original Filing	Granted	9906984.1	25/03/1999	2339311	04/06/2003
TRM-I&A_004_US1	United States	METHOD AND SYSTEM FOR STORING AND RETRIEVING DOCUMENTS	Original Filing	Granted	09/053,515	01/04/1998	6,912,529	28/06/2005
TRM-I&A_005_CA1	Canada	INFORMATION DELIVERY SYSTEM AND METHOD	Original Filing	Granted	2,257,246	29/05/1997	2,257,246	03/12/2002
TRM-I&A_005_CA1a	Canada	INFORMATION DELIVERY SYSTEM AND METHOD	Division	Granted	2,400,489	29/05/1997	2,400,489	22/05/2007
TRM-I&A_005_CA2	Canada	INFORMATION DELIVERY SYSTEM AND METHOD	Original Filing	Granted	2,270,466	28/10/1997	2,270,466	03/01/2006

Docket Number	Country	Title	Relation Type	Status	Application No.	Application Date	Patent No.	Grant Date
TRM-I&A_005_CA3	Canada	INFORMATION DELIVERY SYSTEM AND METHOD	Original Filing	Granted	2,278,727	28/01/1998	2,278,727	28/11/2008
TRM-I&A_005_GB1	Great Britain	INFORMATION DELIVERY SYSTEM AND METHOD	Original Filing	Granted	9826527.5	29/05/1997	2329289	10/01/2001
TRM-I&A_005_GB1a	Great Britain	INFORMATION DELIVERY SYSTEM AND METHOD	Division	Granted	24066.3	29/05/1997	2352070	30/05/2001
TRM-I&A_005_GB1b	Great Britain	INFORMATION DELIVERY SYSTEM AND METHOD	Division	Granted	24068.9	29/05/1997	2352547	28/03/2001
TRM-I&A_005_GB1c	Great Britain	INFORMATION DELIVERY SYSTEM AND METHOD	Division	Granted	24071.3	29/05/1997	2352857	28/03/2001
TRM-I&A_005_GB2	Great Britain	INFORMATION DELIVERY SYSTEM AND METHOD	Original Filing	Granted	9909975.6	28/10/1997	2339041	20/02/2002
TRM-I&A_005_GB2a	Great Britain	INFORMATION DELIVERY SYSTEM AND METHOD	Division	Granted	120813.1	28/10/1997	2364805	17/04/2002
TRM-I&A_005_GB3	Great Britain	INFORMATION DELIVERY SYSTEM AND METHOD	Original Filing	Granted	9917717.2	28/01/1998	2336010	03/07/2002
TRM-I&A_005_HK1	Hong Kong	INFORMATION DELIVERY SYSTEM AND METHOD	Original Filing	Granted	01105463.6	28/10/1997	1035042	15/02/2002
TRM-I&A_005_US1	United States	INFORMATION DELIVERY SYSTEM AND METHOD	Original Filing	Granted	08/658,966	04/06/1996	5,802,518	01/09/1998
TRM-I&A_005_US2	United States	INFORMATION DELIVERY SYSTEM AND METHOD	Continuation-In-Part	Granted	08/739,377	29/10/1996	5,819,271	06/10/1998
TRM-I&A_005_US3	United States	INFORMATION DELIVERY SYSTEM AND METHOD	Continuation-In-Part	Granted	08/789,768	28/01/1997	5,864,871	26/01/1999
TRM-I&A_006_CA1	Canada	INFORMATION DELIVERY SYSTEM AND METHOD INCLUDING RESTRICTION PROCESSING	Original Filing	Granted	2,249,759	07/10/1998	2,249,759	05/08/2008
TRM-I&A_006_GB1	Great Britain	INFORMATION DELIVERY SYSTEM AND METHOD INCLUDING RESTRICTION PROCESSING	Original Filing	Granted	9821973.6	08/10/1998	2331169	31/07/2002
TRM-I&A_006_US1	United States	INFORMATION DELIVERY SYSTEM AND METHOD INCLUDING RESTRICTION PROCESSING	Original Filing	Granted	08/947,257	08/10/1997	5,940,843	17/08/1999

Docket Number	Country	Title	Relation Type	Status	Application No.	Application Date	Patent No.	Grant Date
TRM-I&A_008_US2	United States	FAULT-TOLERANT CENTRAL TICKER PLANT SYSTEM FOR DISTRIBUTING FINANCIAL MARKET DATA	Continuation	Granted	08/998,983	29/12/1997	5,987,432	16/11/1999
TRM-I&A_009_US1	United States	MAINTAINING AND RECONSTRUCTING THE HISTORY OF DATABASE CONTENT MODIFIED BY A SERIES OF EVENTS	Original Filing	Granted	09/876,993	11/06/2001	6,959,301	25/10/2005
TRM-I&A_011_US1	United States	DYNAMIC DISPLAY USING PUSHED STREAMED DATA	Original Filing	Granted	11/758,076	05/06/2007	8,108,527	31/01/2012
TRM-I&A_013_US1	United States	AUTOMATIC FORMATTING OF DISPLAY SCREEN TO REFLECT PAST CORRELATIVE CHANGES TO DISPLAY DATA WINDOWS	Original Filing	Granted	11/758,084	05/06/2007	8,112,717	07/02/2012
TRM-I&A_017_JP1	Japan	Command Script Parsing Using Local and Extended Storage for Command Lookup	Original Filing	Granted	2007-535745	05/10/2005	4994010	11/05/2012
TRM-I&A_017_SG2	Singapore	Command Script Parsing Using Local and Extended Storage for Command Lookup	Division	Granted	200802628-8	05/10/2005	142297	30/07/2010
TRM-I&A_017_US1	United States	Command Script Parsing Using Local and Extended Storage for Command Lookup	Original Filing	Granted	10/960,218	07/10/2004	7,519,952	14/04/2009
TRM-I&A_018_US1	United States	Investment Research Delivery System	Original Filing	Granted	08/260,025	15/06/1994	5,502,637	26/03/1996
TRM-I&A_021_US1	United States	Financial Disclosure Content Synchronizing Software	Original Filing	Granted	10/798,121	11/03/2004	7,966,554	21/06/2011
TRM-I&A_025_US1	United States	Computing Algebraic Equations	Original Filing	Granted	10/852,330	08/06/2004	7,769,783	03/06/2010
TRM-I&A_027_US1	United States	Security Analyst Performance Tracking and Analysis System and Method	Original Filing	Granted	09/296,620	23/04/1999	6,510,419	21/01/2003
TRM-I&A_027_US2	United States	Security Analyst Estimates Performance Viewing System and Method	Continuation-In-Part	Granted	09/524,253	13/03/2000	7,167,838	23/01/2007
TRM-I&A_027_US2a	United States	Security Analyst Estimates Performance Viewing System and Method	Division	Granted	09/577,317	24/05/2000	6,681,211	20/01/2004

Docket Number	Country	Title	Relation Type	Status	Application No.	Application Date	Patent No.	Grant Date
TRM-I&A_027_US2b	United States	Security Analyst Estimates Performance Viewing System and Method	Continuation-In-Part	Granted	09/722,050	27/11/2000	7,509,277	24/03/2009
TRM-I&A_027_US2b1	United States	Security Analyst Estimates Performance Viewing System and Method	Continuation-In-Part	Granted	09/893,460	29/06/2001	7,539,637	26/05/2009
TRM-I&A_027_US2b2	United States	Security Analyst Estimates Performance Viewing System and Method	Continuation	Granted	09/982,838	22/10/2001	7,149,716	12/12/2006
TRM-I&A_027_US2b3	United States	Security Analyst Estimates Performance Viewing System and Method	Continuation	Granted	09/775,599	05/02/2001	7,603,308	13/10/2009
TRM-I&A_027_US5	United States	Security Analyst Performance Tracking and Analysis System and Method	Division	Granted	10/119,082	10/04/2002	6,983,257	03/01/2006
TRM-I&A_028_US1	United States	Methods and Systems for Measuring Performance of a Security Analyst	Original Filing	Granted	10/194,940	12/07/2002	7,636,680	22/12/2009
TRM-I&A_029_US1	United States	System and Method for Analyzing Analyst Recommendations on a Single Stock Basis	Original Filing	Granted	10/965,720	18/10/2004	7,877,309	25/01/2011
TRM-I&A_029_US2	United States	System and Method for Analyzing Analyst Recommendations on a Single Stock Basis	Continuation	Granted	13/011,723	21/01/2011	8,311,923	13/11/2012
TRM-I&A_032_US1	United States	System and Method for Using Analyst Data to Identify Peer Securities	Original Filing	Granted	11/594,886	09/11/2006	7,752,112	06/07/2010
TRM-I&A_033_US2	United States	Methods and systems for categorizing and indexing human-readable data	Division	Granted	12/011,043	10/12/2007	8,495,073	23/07/2013
TRM-S&T_004_AU1	Australia	Common Component Framework	Original Filing	Granted	2007297617	21/09/2007	2007297617	15/03/2012
TRM-S&T_004_US1	United States	Common Component Framework	Original Filing	Granted	11/533,900	21/09/2006	7,805,730	28/09/2010
TRM-S&T_004_US2	United States	Common Component Framework	Continuation	Granted	12/870,018	27/08/2010	8,578,395	05/11/2013
TRM-S&T_006_AU1	Australia	DISTRIBUTED MATCHING SYSTEM FOR DISPLAYING A BOOK OF CREDIT FILTERED BIDS AND OFFERS	Original Filing	Granted	1997031044	23/05/1997	729479	17/05/2001
TRM-S&T_006_JP1	Japan	DISTRIBUTED MATCHING SYSTEM FOR DISPLAYING A BOOK OF CREDIT FILTERED BIDS AND OFFERS	Original Filing	Granted	1997-541944	23/05/1997	4197739	10/10/2008

TRM IP Assignment (US entities installment sale)

Docket Number	Country	Title	Relation Type	Status	Application No.	Application Date	Patent No.	Grant Date
TRM-S&T_006_SG1	Singapore	DISTRIBUTED MATCHING SYSTEM FOR DISPLAYING A BOOK OF CREDIT FILTERED BIDS AND OFFERS	Original Filing	Granted	9805999-1	23/05/1997	60724	18/04/2000
TRM-S&T_006_US1	United States	DISTRIBUTED MATCHING SYSTEM FOR DISPLAYING A BOOK OF CREDIT FILTERED BIDS AND OFFERS	Original Filing	Granted	08/654,685	29/05/1996	5,924,083	13/07/1999
TRM-S&T_006_US2	United States	DISTRIBUTED MATCHING SYSTEM FOR DISPLAYING A BOOK OF CREDIT FILTERED BIDS AND OFFERS	Continuation	Granted	09/352,130	13/07/1999	6,260,025	10/07/2001
TRM-S&T_007_AU1	Australia	ELECTRONIC TRADING SYSTEM INCLUDING AN AUTO-ARBITRAGE FEATURE OR NAME SWITCHING FEATURE	Original Filing	Granted	11680/97	12/12/1996	731532	21/07/2001
TRM-S&T_007_JP1	Japan	ELECTRONIC TRADING SYSTEM INCLUDING AN AUTO-ARBITRAGE FEATURE OR NAME SWITCHING FEATURE	Original Filing	Granted	09-521897	12/12/1996	3483256	17/10/2003
TRM-S&T_007_JP2	Japan	ELECTRONIC TRADING SYSTEM INCLUDING AN AUTO-ARBITRAGE FEATURE OR NAME SWITCHING FEATURE	Division	Granted	2003-281063	28/07/2003	3905869	19/01/2007
TRM-S&T_007_SG1	Singapore	ELECTRONIC TRADING SYSTEM INCLUDING AN AUTO-ARBITRAGE FEATURE OR NAME SWITCHING FEATURE	Original Filing	Granted	98033236	12/12/1996	53952	21/09/1999
TRM-S&T_007_US1	United States	ELECTRONIC TRADING SYSTEM INCLUDING AN AUTO-ARBITRAGE FEATURE OR NAME SWITCHING FEATURE	Original Filing	Granted	08/571,106	12/12/1995	6,519,574	11/02/2003
TRM-S&T_007_US2	United States	ELECTRONIC TRADING SYSTEM INCLUDING AN AUTO-ARBITRAGE FEATURE OR NAME SWITCHING FEATURE	Continuation	Granted	10/325,982	23/12/2002	7,080,033	18/07/2006
TRM-S&T_007_US3	United States	ELECTRONIC TRADING SYSTEM INCLUDING AN AUTO-ARBITRAGE FEATURE OR NAME SWITCHING FEATURE	Continuation	Granted	11/266,404	04/11/2005	7,225,150	29/05/2007

Docket Number	Country	Title	Relation Type	Status	Application No.	Application Date	Patent No.	Grant Date
TRM-S&T_007_US4	United States	ELECTRONIC TRADING SYSTEM INCLUDING AN AUTO-ARBITRAGE FEATURE OR NAME SWITCHING FEATURE	Continuation	Granted	11754,691	29/05/2007	7,725,383	25/05/2010
TRM-S&T_010_AT1	Austria	NEGOTIATED MATCHING SYSTEM	Original Filing	Granted	95932140.7	17/08/1995	0776505	12/04/2000
TRM-S&T_010_AU1	Australia	NEGOTIATED MATCHING SYSTEM	Original Filing	Granted	35313/95	17/08/1995	697236	14/01/1999
TRM-S&T_010_AU2	Australia	NEGOTIATED MATCHING SYSTEM	Original Filing	Granted	98/98254	17/08/1995	6260025	01/02/2001
TRM-S&T_010_BE1	Belgium	NEGOTIATED MATCHING SYSTEM	Original Filing	Granted	95932140.7	17/08/1995	0776505	12/04/2000
TRM-S&T_010_CA1	Canada	NEGOTIATED MATCHING SYSTEM	Original Filing	Granted	2,197,768	17/08/1995	2,197,768	30/06/2009
TRM-S&T_010_CH1	Switzerland	NEGOTIATED MATCHING SYSTEM	Original Filing	Granted	95932140.7	17/08/1995	0776505	12/04/2000
TRM-S&T_010_DE1	Germany	NEGOTIATED MATCHING SYSTEM	Original Filing	Granted	EP0776505	17/08/1995	DE69516285.3	12/04/2000
TRM-S&T_010_DK1	Denmark	NEGOTIATED MATCHING SYSTEM	Original Filing	Granted	95932140.7	17/08/1995	0776505	12/04/2000
TRM-S&T_010_EP1	European Patent Convention	NEGOTIATED MATCHING SYSTEM	Original Filing	Granted	95932140.7	17/08/1995	0776505	12/04/2000
TRM-S&T_010_ES1	Spain	NEGOTIATED MATCHING SYSTEM	Original Filing	Granted	95932140.7	17/08/1995	0776505	12/04/2000
TRM-S&T_010_FR1	France	NEGOTIATED MATCHING SYSTEM	Original Filing	Granted	95932140.7	17/08/1995	0776505	12/04/2000
TRM-S&T_010_GB1a	Great Britain	NEGOTIATED MATCHING SYSTEM	Original Filing	Granted	95932140.7	17/08/1995	0776505	12/04/2000
TRM-S&T_010_GR1	Greece	NEGOTIATED MATCHING SYSTEM	Original Filing	Granted	95932140.7	17/08/1995	0776505	12/04/2000
TRM-S&T_010_HK1	Hong Kong	NEGOTIATED MATCHING SYSTEM	Original Filing	Granted	98119277.7	14/12/1998	1015181	09/12/2000

TRGR JP Assignment (US entities installment sale)

Docket Number	Country	Title	Relation Type	Status	Application No.	Application Date	Patent No.	Grant Date
TRM-S&T_010_IE1	Ireland	NEGOTIATED MATCHING SYSTEM	Original Filing	Granted	95932140.7	17/08/1995	0776505	12/04/2000
TRM-S&T_010_IT1	Italy	NEGOTIATED MATCHING SYSTEM	Original Filing	Granted	95932140.7	17/08/1995	0776505	12/04/2000
TRM-S&T_010_JP1	Japan	NEGOTIATED MATCHING SYSTEM	Original Filing	Granted	507171/1996	17/08/1995	4331794	25/06/2003
TRM-S&T_010_LU1	Luxembourg	NEGOTIATED MATCHING SYSTEM	Original Filing	Granted	95932140.7	17/08/1995	0776505	12/04/2000
TRM-S&T_010_MC1	Monaco	NEGOTIATED MATCHING SYSTEM	Original Filing	Granted	95932140.7	17/08/1995	0776505	12/04/2000
TRM-S&T_010_NL1	Netherlands	NEGOTIATED MATCHING SYSTEM	Original Filing	Granted	95932140.7	17/08/1995	0776505	12/04/2000
TRM-S&T_010_PT1	Portugal	NEGOTIATED MATCHING SYSTEM	Original Filing	Granted	95932140.7	17/08/1995	0776505	12/04/2000
TRM-S&T_010_SE1	Sweden	NEGOTIATED MATCHING SYSTEM	Original Filing	Granted	95932140.7	17/08/1995	0776505	12/04/2000
TRM-S&T_010_SG1	Singapore	NEGOTIATED MATCHING SYSTEM	Original Filing	Granted	9700612.6	17/08/1995	37668	25/05/1999
TRM-S&T_010_US1	United States	NEGOTIATED MATCHING SYSTEM	Original Filing	Granted	08/475,499	07/06/1995	5,924,082	13/07/1999
TRM-S&T_010_US3	United States	NEGOTIATED MATCHING SYSTEM	Continuation	Granted	10/266,939	09/10/2002	7,505,915	17/03/2009
TRM-S&T_011_CH1	Switzerland	Offer Matching System	Original Filing	Granted	91306146.1	05/07/1991	0491455	27/12/1995
TRM-S&T_011_DE1	Germany	Offer Matching System	Original Filing	Granted	EP0491455	05/07/1991	DE69115868.1	27/12/1995
TRM-S&T_011_FR1	France	Offer Matching System	Original Filing	Granted	91306146.1	05/07/1991	0491455	27/12/1995
TRM-S&T_011_GB1	Great Britain	Offer Matching System	Original Filing	Granted	91306146.1	05/07/1991	0491455	27/12/1995

Docket Number	Country	Title	Relation Type	Status	Application No.	Application Date	Patent No.	Grant Date
TRM-S&T_011_US2	United States	Offer matching system having timed match acknowledgment	Continuation	Granted	08/364,009	27/12/1994	5,727,165	10/03/1998
TRM-S&T_014_US1	United States	Asynchronous Hypertext Messaging System and Method	Original Filing	Granted	09/684,309	08/10/2000	6,754,621	22/06/2004
TRM-S&T_014_US2	United States	Asynchronous Hypertext Messaging System and Method	Continuation	Granted	10/672,130	17/06/2004	7,376,715	20/05/2008
TRM-S&T_014_US2a	United States	Asynchronous Hypertext Messaging System and Method	Continuation	Granted	12/104,479	17/04/2008	8,271,613	18/09/2012
TRM-S&T_014_US3	United States	Asynchronous Hypertext Messaging System and Method	Continuation	Granted	11/734,964	13/04/2007	7,734,791	08/06/2010
TRM-S&T_015_IN1	India	Financial Market Trading System	Original Filing	Granted	2094/DELN P/2003	20/05/2002	242711	06/09/2011
TRM-S&T_016_US1	United States	System for Multi-leg Trading	Original Filing	Granted	11/534,020	21/09/2006	8,386,364	26/02/2013
TRM-S&T_017_SG1	Singapore	Method and Apparatus for a Financial Database Structure	Original Filing	Granted	200100230-2	16/01/2001	98440	29/10/2004
TRM-S&T_018_JP1	Japan	Automated currency trade matching system with integral credit checking	Original Filing	Granted	JP19920142179	06/05/1992	3301831	26/04/2002
TRM-S&T_019_CH1	Switzerland	Integrated Trading	Original Filing	Granted	90312712.6	22/11/1990	0434224	07/04/1999
TRM-S&T_019_DE1	Germany	Integrated Trading	Original Filing	Granted	EP0434224	22/11/1990	DE69033041	07/04/1999
TRM-S&T_019_FR1	France	Integrated Trading	Original Filing	Granted	90312712.6	22/11/1990	0434224	07/04/1999
TRM-S&T_019_GB1	Great Britain	Integrated Trading	Original Filing	Granted	90312712.6	22/11/1990	0434224	07/04/1999
TRM-S&T_021_US1	United States	Method and Apparatus for Option Filtering	Original Filing	Granted	11/503,198	11/08/2006	7,899,726	01/03/2011
TRM-S&T_023_US1	United States	Method and System for Requesting Prices for Electronic Trading of Financial Instruments	Original Filing	Granted	10/014,864	11/12/2001	7,840,474	23/11/2010

Docket Number	Country	Title	Relation Type	Status	Application No.	Application Date	Patent No.	Grant Date
TRM-S&T_024_US1	United States	IOI-BASED BLOCK TRADING SYSTEMS, METHODS, INTERFACES, AND SOFTWARE	Original Filing	Granted	11/540,501	29/09/2006	8,046,290	25/10/2011
TRM-S&T_024_US2	United States	IOI-BASED BLOCK TRADING SYSTEMS, METHODS, INTERFACES, AND SOFTWARE	Division	Granted	13/242,567	23/09/2011	8,386,373	26/02/2013
TRM-S&T_025_US1	United States	Method and System for Identifying High Probability Trade Matches	Original Filing	Granted	12/134,923	06/06/2008	8,577,780	05/11/2013

Docket Number	Country	Title	Relation Type	Status	Application No.	Application Date
FR-GRC-001-US1	United States	Method and system for monitoring an issue	Original Filing	Filed	11/245,240	07/10/2005
FR-GRC-001-US2	United States	Subscription apparatus and method	Continuation-In-Part	Filed	11/517,336	08/09/2006
TRM-ENT_011_US2	United States	Time Monitor	Division	Filed	13/708,006	07/12/2012
TRM-ENT_013_US2	United States	Messaging Model and Architecture	Division	Filed	13/554,503	20/07/2012
TRM-ENT_016_EP1	European Patent Convention	FINANCIAL-INFORMATION SYSTEMS, METHODS, AND SOFTWARE	Original Filing	Filed	04811776.6	19/11/2004
TRM-ENT_016_JP1	Japan	FINANCIAL-INFORMATION SYSTEMS, METHODS, AND SOFTWARE	Original Filing	Filed	2006-541602	19/11/2004

Docket Number	Country	Title	Relation Type	Status	Application No.	Application Date
TRM-ENT_016_JP2	Japan	FINANCIAL-INFORMATION SYSTEMS, METHODS, AND SOFTWARE	Division	Filed	2009-251527	30/10/2009
TRM-ENT_016_US1	United States	FINANCIAL INFORMATION SYSTEMS, METHODS, INTERFACES, AND SOFTWARE	Original Filing	Filed	10/768,598	30/01/2004
TRM-ENT_017_CA1	Canada	SYSTEMS, METHODS, AND SOFTWARE FOR ANALYZING CORPORATE EARNINGS DATA	Original Filing	Filed	2,614,376	05/07/2006
TRM-ENT_017_EP1	European Patent Convention	SYSTEMS, METHODS, AND SOFTWARE FOR ANALYZING CORPORATE EARNINGS DATA	Original Filing	Filed	06786398.5	05/07/2006
TRM-ENT_017_US1	United States	Systems, Methods, and Software for Analyzing Corporate Earnings Data	Original Filing	Filed	11/175,911	05/07/2005
TRM-ENT_018_US1	United States	Financial-Information Systems, Methods, Interfaces, and Software	Original Filing	Filed	11/239,663	29/09/2005
TRM-ENT_024_EP2	European Patent Convention	Electronic Commerce System	Division	Filed	08166292.6	25/10/2001
TRM-ENT_024_JP1	Japan	Electronic Commerce System	Original Filing	Filed	2002-545339	25/10/2001
TRM-ENT_024_US1b	United States	Distributed Commerce System	Division	Filed	13/746,727	22/01/2013
TRM-ENT_024_US3a	United States	Electronic Sales System	Division	Filed	11/949,551	03/12/2007

Docket Number	Country	Title	Relation Type	Status	Application No.	Application Date
TRM-ENT_024_US3b	United States	Electronic Sales System	Division	Filed	14/089,081	25/11/2013
TRM-ENT_024_US4a	United States	Electronic Commerce Infrastructure System	Division	Filed	13/220,117	29/09/2011
TRM-ENT_027_US1	United States	MANAGEMENT METHOD AND SYSTEM FOR A USER	Original Filing	Filed	11/489,213	19/07/2006
TRM-I&A_001_EP1	European Patent Convention	A METHOD AND SYSTEM FOR PROVIDING DATA TO A USER BASED ON USER'S INQUIRY	Original Filing	Filed	00820120.3	04/04/2000
TRM-I&A_001_JP2	Japan	A METHOD AND SYSTEM FOR PROVIDING DATA TO A USER BASED ON USER'S INQUIRY	Division	Filed	2010-211901	22/09/2010
TRM-I&A_001_JP3	Japan	A METHOD AND SYSTEM FOR PROVIDING DATA TO A USER BASED ON USER'S INQUIRY	Division	Filed	2012-206678	20/09/2012
TRM-I&A_003_EP2	European Patent Convention	A METHOD AND SYSTEM FOR SYMBOLIC LINKAGE AND INTELLIGENT CATEGORIZATION OF INFORMATION	Original Filing	Filed	02709066.1	14/01/2002
TRM-I&A_003_HK1	Hong Kong	Method and System for Referencing, Archiving and Retrieving Symbolically Linked Information	Original Filing	Filed	02108684.0	18/05/2000
TRM-I&A_010_US1	United States	Formulation of Optimized Investment Indices	Original Filing	Filed	11/776,110	11/07/2007
TRM-I&A_011_US2	United States	DYNAMIC DISPLAY USING PUSHED STREAMED DATA	Division	Filed	13/334,316	22/12/2011

Docket Number	Country	Title	Relation Type	Status	Application No.	Application Date
TRM-I&A_012_US1	United States	DATA CONTEXT PASSING BETWEEN NON-INTERFACING APPLICATION PROGRAMS IN A COMMON FRAMEWORK	Original Filing	Filed	11/758,079	05/06/2007
TRM-I&A_013_US2	United States	AUTOMATIC FORMATTING OF DISPLAY SCREEN TO REFLECT PAST CORRELATIVE CHANGES TO DISPLAY DATA WINDOWS	Continuation	Filed	13/346,520	09/01/2012
TRM-I&A_014_US1	United States	SINGLE SIGN-ON METHOD IN MULTI-APPLICATION FRAMEWORK	Original Filing	Filed	11/758,087	05/06/2007
TRM-I&A_015_US1	United States	CORPORATE BOARD MANAGEMENT SYSTEM	Original Filing	Filed	11/426,290	23/06/2006
TRM-I&A_016_US1	United States	Method and System For Generating A Valuation Metric Based on Growth Data Factors	Original Filing	Filed	11/099,840	05/04/2005
TRM-I&A_017_EP1	European Patent Convention	Command Script Parsing Using Local and Extended Storage for Command Lookup	Original Filing	Filed	05806790.1	05/10/2005
TRM-I&A_017_JP2	Japan	Command Script Parsing Using Local and Extended Storage for Command Lookup	Division	Filed	2012-39429	25/02/2012
TRM-I&A_017_SG1	Singapore	Command Script Parsing Using Local and Extended Storage for Command Lookup	Original Filing	Filed	200702490-4	05/10/2005
TRM-I&A_020_US1	United States	Method and System for Providing Guidance Data	Original Filing	Filed	11/093,968	30/03/2005
TRM-I&A_020_US2	United States	Method and System for Providing Guidance Data	Continuation	Filed	12/548,702	27/05/2009

Docket Number	Country	Title	Relation Type	Status	Application No.	Application Date
TRM-I&A_022_EP1	European Patent Convention	A Method and System for Click-Thru Capacity in Electronic Media	Original Filing	Filed	08755528.0	15/05/2008
TRM-I&A_022_JP1	Japan	A Method and System for Click-Thru Capacity in Electronic Media	Original Filing	Filed	2010-511235	15/05/2008
TRM-I&A_022_US1	United States	A Method and System for Click-Thru Capacity in Electronic Media	Original Filing	Filed	11/759,372	07/06/2007
TRM-I&A_023_CA1	Canada	Method, System and Machine Readable Program for Mitigating Effects of Data Spikes	Original Filing	Filed	2,704,922	10/11/2008
TRM-I&A_023_EP1	European Patent Convention	Method, System and Machine Readable Program for Mitigating Effects of Data Spikes	Original Filing	Filed	08849154.3	10/11/2008
TRM-I&A_023_US1	United States	Method, System and Machine Readable Program for Mitigating Effects of Data Spikes	Original Filing	Filed	11/937,737	09/11/2007
TRM-I&A_024_US1	United States	Integrated, Context Passing User Display	Original Filing	Filed	11/520,099	13/09/2006
TRM-I&A_034_US1	United States	Fund of Funds Analysis Tools	Original Filing	Filed	12/765,365	22/04/2010
TRM-S&T_004_CA1	Canada	Common Component Framework	Original Filing	Filed	2,664,161	21/09/2007
TRM-S&T_004_CN1	China P.R.	Common Component Framework	Original Filing	Filed	200780038751.0	21/09/2007

Docket Number	Country	Title	Relation Type	Status	Application No.	Application Date
TRM-S&T_004_HK1	Hong Kong	Common Component Framework	Original Filing	Filed	09111261.0	01/12/2009
TRM-S&T_004_IN1	India	Common Component Framework	Original Filing	Filed	1748/CHENP/2009	21/09/2007
TRM-S&T_006_CA1	Canada	DISTRIBUTED MATCHING SYSTEM FOR DISPLAYING A BOOK OF CREDIT FILTERED BIDS AND OFFERS	Original Filing	Filed	2,257,239	23/05/1997
TRM-S&T_006_EP2	European Patent Convention	DISTRIBUTED MATCHING SYSTEM FOR DISPLAYING A BOOK OF CREDIT FILTERED BIDS AND OFFERS	Division	Filed	06024528.9	23/05/1997
TRM-S&T_007_CA1	Canada	ELECTRONIC TRADING SYSTEM INCLUDING AN AUTO-ARBITRAGE FEATURE OR NAME SWITCHING FEATURE	Original Filing	Filed	2,240,382	12/12/1996
TRM-S&T_015_EP1	European Patent Convention	Financial Market Trading System	Original Filing	Filed	02771675.2	20/05/2002
TRM-S&T_015_US1	United States	Financial Market Trading System	Original Filing	Filed	10/477,932	21/09/2004
TRM-S&T_022_US1	United States	Method and Systems for Creating Trading Orders for Electronic Trading of Financial Instruments	Original Filing	Filed	09/678,222	04/10/2000
TRM-S&T_024_CA1	Canada	IOI-BASED BLOCK TRADING SYSTEMS AND METHODS	Original Filing	Filed	2,624,097	29/09/2006
TRM-S&T_024_EP1	European Patent Convention	IOI-BASED BLOCK TRADING SYSTEMS AND METHODS	Original Filing	Filed	06815634.3	29/09/2006

Docket Number	Country	Title	Relation Type	Status	Application No.	Application Date
TRM-S&T_025_CA1	Canada	Method and System for Identifying High Probability Trade Matches	Original Filing	Filed	2,686,230	06/06/2008
TRM-S&T_025_EP1	European Patent Convention	Method and System for Identifying High Probability Trade Matches	Original Filing	Filed	08756774.9	06/06/2008
TRM-S&T_025_US2	United States	METHOD AND SYSTEM FOR IDENTIFYING HIGH PROBABILITY TRADE MATCHES	Division	Filed	12/907,667	19/10/2010
TRM-S&T_026_EP1	European Patent Convention	METHOD AND SYSTEM FOR ROUTING IOI'S AND TRADE ORDERS	Original Filing	Filed	EP 11833326.9	12/10/2011
TRM-S&T_026_WO1	Patent Cooperation Treaty	METHOD AND SYSTEM FOR ROUTING IOI'S AND TRADE ORDERS	Original Filing	Filed	PCT/US2011/055949	12/10/2011
TRM-S&T_029_EP1	European Patent Convention	IOI-BASED BLOCK TRADING SYSTEM AND METHODS	Original Filing	Filed	06815684.3	29/09/2006
TRM-S&T_030_US1	United States	WEATHER FORECAST SYSTEM AND METHOD	Original Filing	Filed	12/348,152	02/01/2009
TRM-S&T_031_US1	United States	Storm Commodity Forecast System and Method	Original Filing	Filed	12/501,036	10/07/2009
TRM-S&T_032_GB1	Great Britain	Method and Apparatus for monitoring Power Transmission in an Electric Power Transmission Network	Original Filing	Filed	1109028.9	31/05/2011
TRM-S&T_032_US1	United States	Method and Apparatus for monitoring Power Transmission in an Electric Power Transmission Network	Original Filing	Filed	13/118,596	31/05/2011

(b) Licensed Patents

TRM- USA_035_US1	United States	Investor Relations Event Scheduling System and Method	Original Filing	Granted	09/493,075	28/01/2000	6,567,807	20/05/2003
TRM- USA_035_US2	United States	Investor Relations Event Notification System and Method	Continuatio n-In-Part	Granted	09/639,349	16/09/2000	6,574,530	03/05/2003

THOMSON REUTERS GLOBAL RESOURCES

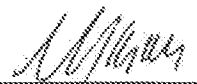
22

THOR IN Assignment (US entries instakent sale)

IN WITNESS WHEREOF, this agreement has been executed on the date of signature below.

Thomson Reuters (Markets) LLC

Thomson Reuters Global Resources

By 
Name: Shonell Butler
Title: VP / Assistant Secretary
Date: 12/16/2013

By _____
Name: _____
Title: _____
Date: _____

By _____
Name: _____
Title: _____
Date: _____

THOMSON REUTERS GLOBAL RESOURCES

IN WITNESS WHEREOF, this agreement has been executed on the date of signature below.

Thomson Reuters (Markets) LLC

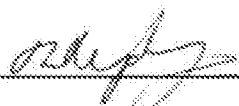
By _____

Name:

Title:

Date:

Thomson Reuters Global Resources

By  _____

Name:

Joanna L. Murphy
Chief Counsel

Title:

Date:

30/12/2013

By  _____

Name:

Paul Lockyer

Title:

Managing Director TRGR

Date:

30.12.2013