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12-11-09

To the Director of the U.S. Patent an̶...   ...documents or the new address(es) below.

1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
HyperRoll Israel Ltd.	Name: HyperRoll, Inc.
	Internal Address:
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No	Street Address: 65 Invernary Lane

3. Nature of conveyance/Execution Date(s):

Execution Date(s) October 14, 2009

☒ Assignment   ☐ Merger

☐ Security Agreement   ☐ Change of Name

☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other

City: Alamo

State: California

Country: US   Zip: 94507

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):   ☒ This document is being filed together with a new application.

A. Patent Application No.(s)   B. Patent No.(s)

   12653373

Additional numbers attached? ☐ Yes ☐ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Thomas J. Perkowski, Esq

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6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) $40.00

☐ Authorized to be charged to deposit account

☒ Enclosed

☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 16-1340

Authorized User Name Thomas J. Perkowski

9. Signature:

_____ Signature

Thomas J. Perkowski, Esq.
Name of Person Signing

December 11, 2009
Date

Total number of pages including cover sheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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REEL: 023759 FRAME: 0353

SCHEDULE 2

Assignment of Patents

This Assignment of Patents ("Assignment") is delivered under that certain Patent Transfer Agreement dated as of October 26, 2009 (the *"Patent Transfer Agreement"*), by and between HyperRoll Israel Ltd., a company organized under the laws of State of Israel (the *"Assignor"*), and HyperRoll, Inc., a Delaware corporation (the *"Assignee"*).

For good and valuable consideration, the receipt of which is hereby acknowledged, and by signing and delivering this instrument, the Assignor hereby sells, assigns, transfers, conveys, and delivers to the Assignee, its successors, legal representatives, and assigns all of the Assignor's right, title, and interest in and to (i) patents and patent applications listed in Annex A to this Assignment of Patents (collectively, the *"Patents"*), (ii) any and all patents issuing or claiming priority from any of the Patents, including reissues, reexaminations, divisions, divisionals, renewals, extensions, provisionals, substitutions, extensions, continuations and continuations-in-part thereof, (iii) any and all foreign counterparts of the patents and patent applications described in clauses (i) and (ii) above, (iv) all rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances of any type related to any Patents and the inventions, invention disclosures, and discoveries therein, (v) all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents, including without limitation all causes of action and other enforcement rights for (1) damages, (2) injunctive relief, and (3) any other remedies of any kind for past, current and future infringement, and (vi) rights to collect royalties or other payments under or on account of any Patents and any of the foregoing. For the avoidance of doubt, the right, title and interest transferred under this Assignment shall exclude all rights the Assignor, Hyperion Solutions Corporation ("Hyperion") and Hyperion's Affiliates (as such term in defined in the Purchase Agreement or License Agreements, as applicable) have under the Purchase Agreement dated as of September 24, 2009 by and among the Assignee, Hyperion and the other parties named therein (the "Purchase Agreement") and under the License Agreements from HyperRoll, Inc. to Hyperion and from HyperRoll Israel Legacy Systems Ltd. to Hyperion (collectively, the "License Agreements").

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patents in the name of Assignee.

The terms and conditions of this Assignment of Patents will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

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State of Israel
Municipality of Tel Aviv-Yafo
Embassy of the
United States of America   ss:

IN WITNESS WHEREOF this Assignment of Patents is executed at _____
on _____

ASSIGNOR:

HyperRoll Israel, Ltd.   HyperRoll Israel Ltd.

By: _____

Name: _____GUY SHAKED_____

Title: _____G.M_____

(Signature MUST be attested)

ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. § 1746

The undersigned witnessed the signature of ___Guy Shaked___ to the above Assignment of Patents on behalf of HyperRoll Israel, Ltd. and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.

2. ___Guy Shaked___ is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on ___October 14___ 2009 to execute the above Assignment of Patents on behalf of HyperRoll Israel, Ltd.

3. ___Guy Shaked___ subscribed to the above Assignment of Patents on behalf of HyperRoll Israel, Ltd.

I declare under penalty of perjury under the laws of the United States of America that the statements made in the three (3) numbered paragraphs immediately above are true and correct.

EXECUTED on __10-14 - 2009__(date)

_____

Print Name: ___JAY SORENSEN
                   VICE CONSUL___

INDEFINITE

ANNEX A

Patent/Application	Number	Country	Title
Patent	6385604 (Reexamination of 6385604C1)	US	Relational database management system having integrated non-relational multi-dimensional data store of aggregated data elements
Patent	7392248	US	Data aggregation server supporting rapid query response with sparse multi-dimensional data
Patent	6434544	US	Stand-alone cartridge-style data aggregation server providing data aggregation for OLAP analyses
Patent	7315849	US	Enterprise-wide data-warehouse with integrated data aggregation engine
Patent	6408292	US	Method of and system for managing multi-dimensional databases using modular-arithmetic based address data mapping processes on integer-encoded business dimensions
Patent	7333982	US	Information system having a mode of operation in which queries form one or more clients are serviced using aggregated data retrieved from a plurality of different types of data storage structures for improved query performance
Application	12/455,665	US	Relational database management system (RDBMS) employing multi-dimensional database (MDDB) for servicing query statements through one or more client machines
Application	12/455,664	US	Relational database management system (RDBMS) employing a relational datastore and a multi-dimensional database (MDDB) for serving query statements from client machines
Application	12/384093	US	Relational database management system having integrated non-relational multi-dimensional data store of aggregated data elements
Application	11/818944	US	Data aggregation module supporting dynamic query responsive aggregation during the servicing of database query requests provided by one or more client machines
Application	11/825645	US	Relational database management system (RDBMS) employing a relational datastore and a multi-dimensional database (MDDB) for serving query statements from client machines
Application	11/890667	US	Method of servicing query statements from a client machine using a database management system (DBMS) employing a relational datastore and a multi-dimensional database (MDDB)
Application	11/888904	US	Data aggregation server for managing a multi-dimensional database and database management system having data aggregation server integrated therein
Application	11/825524	US	Data aggregation server for managing a multi-dimensional database and database management system having data aggregation server integrated therein
Application	11/825644	US	Relational database management system (RDBMS) employing multi-dimensional database (MDDB) for servicing query statements through one or more client machines
Application	11/704712	US	System with a data aggregation module generating aggregated data for responding to OLAP analysis queries in a user transparent manner
Application	11/473299	US	Relational database management system having integrated non-relational multi-dimensional data store of aggregated data elements
Application	10/988221	US	Method of servicing query statements from a client machine using a database management system (DBMS) employing a relational datastore and a multi-dimensional database (MDDB)
Application	10/818697	US	Relational database management system having integrated non-relational multi-dimensional data store of aggregated data elements
Application	10/842648	US	Method of and system for data aggregation employing dimensional hierarchy transformation

Patent/Application	Number	Country	Title
Application	10/832104	US	Data aggregation server for managing a multi-dimensional database and database management system having data aggregation server integrated therein
Application	10/854034	US	Data aggregation module supporting dynamic query responsive aggregation during the servicing of database query requests provided by one or more client machines
Application	10/849501	US	Relational database management system (RDBMS) employing a relational datastore and a multi-dimensional database (MDDB) for serving query statements from client machines
Application	10/839782	US	Database management system (DBMS) employing a relational datastore and a multi-dimensional database (MDDB) for servicing query statements in a manner transparent to client machines
Application	10/314902	US	Central data warehouse with integrated data aggregation engine for performing centralized data aggregation operations
Application	10/314872	US	Enterprise-wide resource planning (ERP) system with integrated data aggregation engine
Application	10/153164	US	Stand-alone cartridge style data aggregation server and method of and system for managing multi-dimensional databases using the same
Application	10/136937	US	Relational database management system having integrated non-relational multi-dimensional data store of aggregated data elements
Application	10/053352	US	Method of and apparatus for data aggregation utilizing a multidimensional database and multi-stage data aggregation operations
Application	10/045583	US	Method of and system for data aggregation employing dimensional hierarchy transformation
Application	10/036734	US	Database management system having data aggregation module integrated therein
Application	10/035915	US	Data database and database management system having data aggregation module integrated therein
Application	10/839,790	US	DATA MANAGEMENT SYSTEM HAVING DATA AGGREGATION MODULE INTEGRATED THEREIN
Application	09/796098	US	Data aggregation server for managing a multi-dimensional database and database management system having data aggregation server integrated therein
PCT	PCT/IB2000/001100	WO	METHOD OF AND SYSTEM FOR MANAGING MUTU-DIMENSIONAL DATABASES USING MODULAR-ARITHMETIC BASED ADDRESS DATA MAPPING PROCESSES
PCT	PCT/US2001/006316	WO	Multi-dimensional database and integrated aggregation server
Application	CA 2,401,348	Canada	Multi-dimensional database and integrated aggregation server
Application	JP 2001-565050	Japan	Multi-dimensional database and integrated aggregation server
Application	EP 01914545.7	Europe	Multi-dimensional database and integrated aggregation server
Application	AU60108/00	Australia	Method of and system for managing multi-dimensional databases using modular-arithmetic based address data mapping processes
Application	AU39919/01	Australia	Multi-dimensional database and integrated aggregation server
Application	192447	Israel	A METHOD AND SYSTEM FOR CREATION AND DYNAMIC UPDATING OF BEST DATA ARRANGEMENT IN DIGITAL DATA STORE SYSTEM
Application	12/490981	US	A METHOD AND SYSTEM FOR CREATION AND DYNAMIC UPDATING OF BEST DATA ARRANGEMENT IN DIGITAL DATA STORE SYSTEM
Application	195956	Israel	AUTOMATIC DATA STORE ARCHITECTURE DETECTION
Application	197961	Israel	METHODS FOR EFFECTIVE PROCESSING OF TIME SERIES