503282308 04/28/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SCOTT NYMAN	02/22/2013
CLIFFORD GRIMM	02/22/2013

RECEIVING PARTY DATA

Name:	HITACHI DATA SYSTEMS CORPORATION	
Street Address:	2845 LAFAYETTE STREET	
City:	SANTA CLARA	
State/Country:	CALIFORNIA	
Postal Code:	95050	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14438903	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	HTA-8673
NAME OF SUBMITTER:	SHRINATH MALUR
SIGNATURE:	/Shrinath Malur/
DATE SIGNED:	04/28/2015

Total Attachments: 1

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PATENT 503282308 REEL: 035509 FRAME: 0550

ASSIGNMENT

As a below named inventor, I hereby declare that:

IN CONSIDERAT	TON of the sum of One Dollar (\$1.0	00) or the equivalent thereof	, and other good and valuable		
consideration paid to me by	Hitachi Data Systems Corporation	(hereinafter referred to as A	SSIGNEE), a corporation organized		
under the laws of Delaware,	located at 2845 Lafayette Street, Sa	anta Clara, CA 95050, U.S.A	A., receipt of which is hereby		
acknowledged, I do hereby sell and assign to said ASSIGNEE, its successors and assigns, all my right, title and interest, in and					
to application serial no.		, and entitled:			

MULTIPLE COLLECTIONS OF USER-DEFINED METADATA FOR SELF-DESCRIBING OBJECTS

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for Patent therefor, and all Patent including United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, said right, title and interest to be held and enjoyed by said ASSIGNEE, its successors, assigns or other legal representatives, to the full end of term for which said Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

Whereby, I hereby grant the law firm of MATTINGLY & MALUR, P.C., the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document, including inserting the application serial number and filing date when known.

And I do hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEE.

Signed on the date(s) indicated aside signatures:

INVENTOR

i2r

Date Signed

cott NYMA

dad S

2/22/13

PATENT REEL: 035509 FRAME: 0551

RECORDED: 04/28/2015