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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

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Name	Execution Date
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15266160

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NAME OF SUBMITTER:	NANDU A. TALWALKAR
SIGNATURE:	/NAT/
DATE SIGNED:	09/15/2016

Total Attachments: 3

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PATENT 504006685 REEL: 039755 FRAME: 0443

Docket No.: 160534US01 (S17.147)

ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN INVENTION

This is an Assi	gnment of the following rights, title and interest: (check all that apply)
⊠ United Stat	tes of America rights, title and interest in the invention
🛮 Foreign rig	hts, title and interest in the invention
🛚 The follow	ing United States Patent Application No.:
United	States Patent Application No.; 15/266,160
which v	vas filed on: September 15, 2016
United Stat	es Provisional Patent Application Serial No.:
United Stat	tes Patent No(s):
Internation	al (PCT) Patent Application Serial No.:
Other (spec	<i>(6</i>):
UNCERTAINTY	Y-AWARE SELECTION OF QUERY EXECUTION PLAN
	Inventor (assignor)
Name	Address
Sangyong Hwang	SAP Global IP Group, SAP SE, Dietmar-Hopp-Allee 16, D-69190 Walldorf, Germany
	Assignee
Name	Address
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Docket No.: 160534US01 (\$17.147)

Whereas, I, the above-identified Inventor, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas I desire to assign my above-identified rights, title and interest in the Invention to the above-identified assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

I hereby assign, sell and transfer my above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights.

Convention rights, and other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And I hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And I further authorize and request that attorney, Nandu A. Talwalkar, of Buckley, Maschoff & Talwalkar LLC, insert the filing date and application number of the above-referenced patent application when known;

And I further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Docket No.: 160534US0I

(\$17.147)

Inventor's Signature

Sangyong Hwang:

Witnessed by:

Date: 13 September 2016

Date: <u>13 20264,</u> 2016