503676171 02/02/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT OF UNDIVIDED 50% INTEREST

CONVEYING PARTY DATA

Name	Execution Date
KOREA INSTITUTE OF SCIENCE & TECHNOLOGY INFORMATION	01/26/2016

RECEIVING PARTY DATA

GOLDEN CHANNEL CO. LTD. (50%)
402HO, 323, TEHERAN-RO, GANGNAM-GU
SEOUL
KOREA, REPUBLIC OF
06151
KOREA INSTITUTE OF SCIENCE & TECHNOLOGY INFORMATION (50%)
245, DAEHAK-RO, YUSEONG-GU
DAEJEON
1 - 1 - 1
KOREA, REPUBLIC OF

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	8037008

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	JL0850147
NAME OF SUBMITTER:	HYUN WOO SHIN
SIGNATURE:	/Hyun Woo Shin/
DATE SIGNED:	02/02/2016

Total Attachments: 3

PATENT REEL: 037681 FRAME: 0662

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> PATENT REEL: 037681 FRAME: 0663

ASSIGNMENT OF PATENT

WHEREAS KOREA INSTITUTE OF SCIENCE & TECHNOLOGY INFORMATION, a corporation organized and existing under the laws of Republic of Korea, whose post office address is 245, Dachak-ro, Yuseong-gu, Daejcon 34141, Republic of Korea (hereinafter referred to as ASSIGNOR), is an owner, by assignment, of the United States Letters Patent No. 8,037,008 issued on October 11, 2011 (hereinafter referred to as said PATENT), and the invention described and claimed therein as listed below:

DBMS-BASED KNOWLEDGE EXTENSION AND INFERENCE SERVICE METHOD RECORDED ON COMPUTER-READABLE MEDIUM

AND WHEREAS, Golden Channel Co. Ltd., a corporation organized and existing under the laws of Republic of Korea, whose post office address is 402ho, 323, Teheran-ro, Gangnam-gu, Seoul 06151, Republic of Korea (hereinafter referred to as the FIRST PARTIAL ASSIGNEE), is desirous of acquiring Fifty Percent (50%) of the entire right, title and interest for the United States to said PATENT and the inventions and improvements disclosed therein, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and in and to any and all divisions, and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all reexaminations, reissues, renewals, revalidations, prolongations and/or extensions thereof.

AND WHEREAS, KOREA INSTITUTE OF SCIENCE & TECHNOLOGY INFORMATION, a corporation organized and existing under the laws of Republic of Korea, whose post office address is 245, Daehak-ro, Yuseong-gu, Daejeon 34141, Republic of Korea (hereinafter referred to as the SECOND PARTIAL ASSIGNEE), is desirous of acquiring Fifty Percent (50%) of the entire right, title and interest for the United States to said PATENT and the inventions and improvements disclosed therein, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and in and to any and all divisions, and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all reexaminations, reissues, renewals, revalidations, prolongations and/or extensions thereof.

AND WHEREAS, a contractual agreement for a partial assignment of said PATENT was executed between ASSIGNOR and FIRST PARTIAL ASSIGNEE in Korean on December 11, 2015, and the said Korean contractual agreement supersedes any provisions of this Assignment which conflicts therewith.

NOW THEREFORE, in consideration of the sum of one U.S. dollar (\$1,00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the ASSIGNOR hereby assigns, sells, transfers and sets over onto the FIRST PARTIAL ASSIGNEE, its assigns and legal representatives, undivided Fifty Percent (50%) of the entire right, title and interest for the United States to said PATENT and the inventions and improvements disclosed therein, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and in and to any and all divisions, and continuations thereof, and any and all

PATENT REEL: 037681 FRAME: 0664 Letters Patent which may be granted thereon, including any and all reexaminations, reissues, renewals, revalidations, prolongations and/or extensions thereof, with all the rights, powers, privileges, and advantages in any way arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including the terms of any and all divisions, continuations, reexaminations, reissues, renewals, revalidations, prolongations and/or extensions thereof, the FIRST PARTIAL ASSIGNEE to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent, and any and all divisions, continuations, reexaminations, reissues, renewals, revalidations, prolongations and/or extensions thereof, respectively, and including all causes of action that may have accrued with respect to said PATENT, Fifty Percent (50%) of any patent damages from infringement, and any royalties that may be owed and due thereon, and all claims for damages by reason of past infringement of said PATENT with the right to sue for, and collect the same for the FIRST PARTIAL ASSIGNEE's own use, all as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this assignment not been made.

NOW THEREFORE, in consideration of the sum of one U.S. dollar (\$1,00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the ASSIGNOR hereby assigns, sells, transfers and sets over onto the SECOND PARTIAL ASSIGNEE, its assigns and legal representatives, undivided Fifty Percent (50%) of the entire right, title and interest for the United States to said PATENT and the inventions and improvements disclosed therein, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and in and to any and all divisions, and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all reexaminations, reissues, renewals, revalidations, prolongations and/or extensions thereof, with all the rights, powers, privileges, and advantages in any way arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including the terms of any and all divisions, continuations, reexaminations, reissues, renewals, revalidations, prolongations and/or extensions thereof, the SECOND PARTIAL ASSIGNEE to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent, and any and all divisions, continuations, reexaminations, reissues, renewals, revalidations, prolongations and/or extensions thereof, respectively, and including all causes of action that may have accrued with respect to said PATENT, Fifty Percent (50%) of any patent damages from infringement, and any royalties that may be owed and due thereon, and all claims for damages by reason of past infringement of said PATENT with the right to sue for, and collect the same for the SECOND PARTIAL ASSIGNEE's own use, all as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this assignment not been made.

And for the same consideration aforesaid, the ASSIGNOR agrees that the ASSIGNOR will, upon request, without expense to FIRST PARTIAL ASSIGNEE and SECOND PARTIAL ASSIGNEE, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reexamination, reissue, renewal, revalidations and/or extension applications thereof in the United States, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by the FIRST PARTIAL ASSIGNEE and SECOND PARTIAL ASSIGNEE, or any assignee thereof, or by counsel for the FIRST PARTIAL ASSIGNEE and SECOND PARTIAL ASSIGNEE, to assist or enable the FIRST PARTIAL ASSIGNEE and

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SECOND PARTIAL ASSIGNEE to obtain and enforce full benefits from the rights and interests herein assigned, respectively.

This Assignment shall be binding upon the ASSIGNOR and the heirs, executors, administrators, successors and/or assigns of the ASSIGNOR, and shall inure to the benefit of the FIRST PARTIAL ASSIGNEE and SECOND PARTIAL ASSIGNEE and their respective heirs, executors, administrators, successors, beneficiaries, distributees and/or assigns, as the case may be, of the FIRST PARTIAL ASSIGNEE and SECOND PARTIAL ASSIGNEE.

IN TESTIMONY WHEREOF, this Assignment is executed by the duly authorized officer of the ASSIGNOR.

KOREA INSTITUTE OF SCIENCE & TECHNOLOGY INFORMATION

Printed Name and Title

director of a research center Han Sun Hwa

Han Sun Hwa

2016, 01, 26

Date

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RECORDED: 02/02/2016