

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Sung-Ho RYU	11/24/2010
Seok-Hyun YOON	11/24/2010
Dong-Joon HYUN	11/16/2010
Min-Hyok BANG	11/24/2010
Dong-Hun PARK	11/24/2010
Hee-Seon PARK	11/25/2010
RECEIVING PARTY DATA	
Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742
City:	Suwon-si
State/Country:	REPUBLIC OF KOREA
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12968777
CORRESPONDENCE DATA	
Fax Number:	(202)315-3758
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	202-429-0020
Email:	info@nsiplaw.com
Correspondent Name:	North Star Intellectual Property Law, PC
Address Line 1:	P.O. Box 34688
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20043
ATTORNEY DOCKET NUMBER:	12000.SMG.0896
NAME OF SUBMITTER:	Thomas L. Jones

OP \$40.00 12968777

Total Attachments: 4

source=12000SMG0896_Assignment#page1.tif

source=12000SMG0896_Assignment#page2.tif

source=12000SMG0896_Assignment#page3.tif

source=12000SMG0896_Assignment#page4.tif

ASSIGNMENT

For valuable consideration, we,

Sung-Ho RYU	246-301 Hwanggol Maeul 2danji Apt., Yeongtong 1-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea
Seok-Hyun YOON	405-1603 Neuti Maeul 4danji, Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea
Dong-Joon HYUN	104-705 Hanshin Apt., Yangpyeong-dong 5-ga, Yeongdeungpo-gu, Seoul, Republic of Korea
Min-Hyok BANG	105-402 Dongsindaea Apt., Gayang 1-dong, Gangseo-gu, Seoul, Republic of Korea
Dong-Hun PARK	106-304 Anjeong Ville, 374-52 Ingye-dong, Paldal-gu, Suwon-si, Gyeonggi-do, Republic of Korea
Hee-Seon PARK	3-902 Jamwon Hanshin Apt., Jamwon-dong, Seocho-gu, Seoul, Republic of Korea

hereby assign to:


SAMSUNG ELECTRONICS CO., LTD., a Republic of Korea

corporation/institute/institution having principal executive office(s) or place of business
at: 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, Republic of
Korea; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of U.S. Patent Application Number 12/968,777 filed December 15, 2010 at the U.S. Patent & Trademark Office signed by us, with title **APPARATUS AND METHOD FOR SEMANTIC-BASED SEARCH AND SEMANTIC METADATA PROVIDING SERVER AND METHOD OF OPERATING THE SAME**, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and application serial number of said application when known; this Assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments,

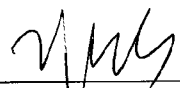
IN TESTIMONY/WITNESS WHEREOF, we, undersigned inventors (Assignors) intending to be legally bound, have hereto affixed our signatures.

This 24 day of November, 2010



Signature: Sung-Ho RYU

This 24 day of November, 2010

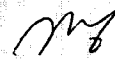


Signature: Seok-Hyun YOON

This _____ day of _____, 2010

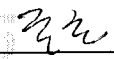
Signature: Dong-Joon HYUN

This 24 day of November, 2010



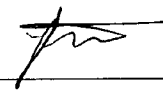
Signature: Min-Hyok BANG

This 24 day of November, 2010



Signature: Dong-Hun PARK

This 25 day of November, 2010



Signature: Hee-Seon PARK

IN TESTIMONY/WITNESS WHEREOF, we, undersigned inventors (Assignors) intending to be legally bound, have hereto affixed our signatures.

This _____ day of _____, 2010

Signature: Sung-Ho RYU

This _____ day of _____, 2010

Signature: Seok-Hyun YOON

This 16 day of Nov., 2010

Dongjoon Hyun
Signature: Dong-Joon HYUN

This _____ day of _____, 2010

Signature: Min-Hyok BANG

This _____ day of _____, 2010

Signature: Dong-Hun PARK

This _____ day of _____, 2010

Signature: Hee-Seon PARK

NSIP LAW 09/2010