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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Han Sung CHUN	09/06/2013

RECEIVING PARTY DATA

Name:	Electronics and Telecommunications Research Institute	
Street Address:	161 Gajeong-dong, Yuseong-gu	
City:	Daejeon	
State/Country:	ate/Country: KOREA, REPUBLIC OF	
Postal Code:	ostal Code: 305-700	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14030455

CORRESPONDENCE DATA

Fax Number: 2026598822

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 2022630809
Email: info@kilepark.com

Correspondent Name: KILE PARK REED & HOUTTEMAN PLLC

Address Line 1: 1200 New Hampshire Ave. NW

Address Line 2: Suite 570

Address Line 4: Washington, DISTRICT OF COLUMBIA 20036

ATTORNEY DOCKET NUMBER:	ESA-0016-ET	
NAME OF SUBMITTER:	JAE Y. PARK	
Signature:	/Jae Y. Park/	
Date:	09/18/2013	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

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PATENT

REEL: 031233 FRAME: 0180

Attorney Docket No.:

Client Ref. No.: IP20120608 (E-sang ET120067US)

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention	METHOD AND APPARATUS FOR MANAGING FILE SYSTEM		
As the below named inventor, I hereby declare that:			
This declaration is	directed to:		
The attached application, or			
	ited States application or PCT international application number		
The above-identified application was made or authorized to be made by me.			
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.			
I have reviewed and understand the contents of the above-identified application, including the claims. I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.			
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
WHEREAS, Electronics & Telecommunications Research Institute of 161 Gajeong-dong, Yuseong-gu, Daejeon, 305-700, Republic of Korea, its heirs, successors, legal representatives and assigns (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefore in the United States of America and in any foreign countries.			
NOW, THEREFORE, to all whom it may concern, be it known that, for good and valuable consideration paid to the undersigned, the receipt of which is hereby acknowledged, I have sold, assigned and transferred, and by these presents does sell, assign and transfer unto the Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefore in the United States of America, its territories, dependencies and possessions, and in any and all foreign countries;			
and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.			

KILE PARK PLLC, WASHINGTON DC, USA

PATENT REEL: 031233 FRAME: 0181 Attorney Docket No.:

Client Ref. No.: IP20120608 (E-sang ET120067US)

I agree to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

I agree to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

I agree to execute all papers and documents and to perform any act which may be necessary in connection with claims and provisions of the International Convention for the Protection of Industrial Property or similar agreements.

I agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) and any foreign patent(s) to the Assignees and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by me if this Assignment and sale had not been made.

I hereby authorize and request the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, and hereby covenant that I have the full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I declare that all statements made in the above assignment of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C.1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

LEGAL NAME OF INVENTOR	
Inventor: CHUN, Han Sung	Date: September 6, 2013
 Signature: Malay	

Note: Use an additional form for each additional inventor.

KILE PARK PLLC, WASHINGTON DC, USA

PATENT REEL: 031233 FRAME: 0182

RECORDED: 09/18/2013