504274061 03/15/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4320743

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
INTELLECTUAL DISCOVERY CO., LTD.	03/13/2017	

RECEIVING PARTY DATA

Name:	ARISCALE INC.	
Street Address:	403-1, 85 WOLPYEONGBUK-RO, SEO-GU	
City:	DAEJEON	
State/Country:	KOREA, REPUBLIC OF	

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	8139652

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NAME OF SUBMITTER:	KEVIN W. RAUDEBAUGH			
SIGNATURE:	/KEVIN W. RAUDEBAUGH/			
DATE SIGNED:	03/15/2017			

Total Attachments: 2

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PATENT 504274061 REEL: 041587 FRAME: 0059

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, INTELLECTUAL DISCOVERY CO., LTD., hereinafter referred to as "ASSIGNOR," is an assignee by assignment recorded in the U.S. Patent and Trademark Office of the inventions described and set forth in the Applications for United States Letters Patent and United States Letters Patent identified in the Appendix attached hereto;

WHEREAS, Hyejin Yoon, Team Leader/General Manager and authorized representative at INTELLECTUAL DISCOVERY CO., LTD. is a duly authorized representative of INTELLECTUAL DISCOVERY CO., LTD., having authority to sell, assign, and transfer to a third party the below-identified Applications for United States Letters Patent and United States Letters Patent in the Appendix attached hereto.

WHEREAS, ARISCALE INC. of 403-1, 85 Wolpycongbuk-ro, Seo-gu, Daejeon, Republic of Korea, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an entirety of ASSIGNOR'S interest in the said inventions and applications and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has sold, assigned and transferred, and by these presents does sell, assign, and transfer unto the said Assignee, and Assignee's successors and assigns, 100% of their right, title, and interest in and to the said inventions, application, and U.S. Letters Patent including any corresponding foreign application, and in and to any Letters Patent which may hereafter be granted on the same in the United States and any corresponding foreign application, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agree that they will, without charge to Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has signed this Assignment on the date

March 13, 2017 Hybrid Toon

Date: Name: Hyejin Yoon

Title: Team Leader/General Manager

indicated.

APPENDIX

Title of Invention	Application Number	Filing Date	Patent Number	Publication Date	Reel	Frame
METHOD AND APPARATUS FOR DECODING TRANSMISSION SIGNALS IN A WIRELESS COMMUNICATION SYSTEM	12/158,559	June 20, 2008	8,139,652	March 20, 2012	030354	0651