PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IVAN CHUNG-SHUNG HWANG	02/06/2019

RECEIVING PARTY DATA

Name:	HT RESEARCH INC.	
Street Address:	13072 STANTON	
City:	NORTH TUSTIN	
State/Country:	CALIFORNIA	
Postal Code:	92705	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17484230

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	1107248.00006
NAME OF SUBMITTER:	BEATA WHITE
SIGNATURE:	/Beata White/
DATE SIGNED:	10/28/2022

Total Attachments: 2

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507568548 PATENT REEL: 061575 FRAME: 0157

ASSIGNMENT

WHEREAS, I, Ivan Chung-Shung Hwang have invented one or more inventions described in an application (or provisional application) for Letters Patent of the United States entitled:

Workgroup Hierarchical Core Structures for Building Real-time Workgroup Systems and identified by

Attorney Docket No. 1107248.00001, and/or executed by me on even date herewith and about to be filed in the United States Patent Office; and

| X | Application No. 16/270,097 | filed in the United States Patent Office on February 7, 2019 (hereinafter "said application"); and

WHEREAS, HT Research Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of California, and having a usual place of business at 13072 Stanton, North Tustin, CA 92705, desires to acquire an interest therein, in accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, at least as early as the filing date of said application, my entire right, title and interest in and throughout the United States of America, its territories, and all foreign countries in and to the invention(s) described in said application, together with my entire right, title and interest in and to said application and such Letters Patent as may issue thereon or claim priority or benefit under United States law or international convention, including but not limited to international applications, nonprovisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said application or such Letters Patent, and any right, title and interest I may have in provisional applications to which said application claims priority; said invention(s), applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey all of my rights arising under or pursuant to any and all United States laws, foreign laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from the United States Patent and Trademark Office, and foreign Patent Offices, any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all Letters Patent to ASSIGNEE in its own name as assignee of my entire right, title and interest therein:

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of nonprovisional, substitution, continuation, divisional, reissue or reexamination.

PATENT REEL: 061575 FRAME: 0158 Sole Inventor – U.S. and Foreign Rights Attorney Docket No.: 1107248.00001 U.S. Application No. Unknown Page 2 of 2

AND, I hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved;

AND, I hereby authorize ASSIGNEE or its attorneys or agents to insert the correct application number and filling date into this assignment, if none is indicated on the date of our execution of this assignment;

AND, I hereby authorize and request the Director of the United States Patent and Trademark Office to issue such Letters Patent as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns, or legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal on the date(s) set forth below.

set forth below			
		Inventor:	
			Ivan Chung-Shung Hwang
		Date:	2-6-19
Witnessed by:			
Print Name:			

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RECORDED: 10/28/2022

PATENT REEL: 061575 FRAME: 0159