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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHUNSUKE KONO	11/26/2018
TAKUYA KAMBAYASHI	11/26/2018
TOSHIMITSU NOGUCHI	11/26/2018

RECEIVING PARTY DATA

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City:	CHIYODA-KU, TOKYO
State/Country:	JAPAN
Postal Code:	100-8280

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16208464

CORRESPONDENCE DATA

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PROCOPIO, CORY, HARGREAVES & SAVITCH LLP **Correspondent Name:**

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ATTORNEY DOCKET NUMBER:	126092-004UT1
NAME OF SUBMITTER:	JESSICA R. GROSS
SIGNATURE:	/Jessica R. Gross/
DATE SIGNED:	12/04/2018

Total Attachments: 1

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PATENT REEL: 047665 FRAME: 0484 505217791

Assignment

Whereas, we, Shunsuke KONO, Takuya KAMBAYASHI, and Toshimitsu NOGUCHI of Tokyo, Japan, hereinafter called assignor, have invented certain improvements in ANALYSIS SYSTEM, ANALYSIS BYPASS, AND ANALYSIS METHOD and executed an application for Letters Patent of the United States of America therefor; and

Whereas, HITACHI, LTD., 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8280, Japan (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and We request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and We hereby agree that the assignee may apply for foreign Letters Patent on the invention and We will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

We hereby authorize and request our attorneys PROCOPIO, CORY, HARGREAVES &	
AVITCH LLP of 525 B Street Suite 2200, San Diego, CA 92101 to insert here in parentheses	
Application number 16208464 and Confirmation number 7977, filed	
ecember 3, 2018) the application number, confirmation number and filing date of said application	ation
hen known.	
ate: Nov. 26, 20/8 Shunsuke KONO	
s/ Shunsuke KONO	
ate: How. 26, 2018 Takuya Kambayashi's/ S/Takuya KAMBAYASHI	
s/ Takuya KAMBAYASHI	
ate: Nov. 26, 2018 Joshinitan hoguchi s/Toshimitsu NOGUCHI	
s/ Toshimitsu NOGUCHI	

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

PATENT REEL: 047665 FRAME: 0485

RECORDED: 12/04/2018