504613590 10/26/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAKESHI HOMMA	10/24/2017
MASAHITO TOGAMI	10/24/2017

RECEIVING PARTY DATA

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Postal Code: 100-8280			

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15794825	

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ATTORNEY DOCKET NUMBER:	120179-237UT1	
NAME OF SUBMITTER:	JESSICA R. GROSS	
SIGNATURE:	/Jessica R. Gross/	
DATE SIGNED:	10/26/2017	

Total Attachments: 1

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PATENT 504613590 REEL: 043961 FRAME: 0956

Assignment

Whereas, We, **Takeshi HOMMA**, of San Jose, CA, and **Masahito TOGAMI** of Mountain View, CA, hereinafter called assignors, have invented certain improvements in DIALOG SYSTEM WITH SELF-LEARNING NATURAL LANGUAGE UNDERSTANDING 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,

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.

SAVľ			ittorneys PROCOPIO, CORY, I an Diego, CA 92101 to insert h	
(Application number		and Confirmation number		, filed
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applic	ation when knowr	.		
Date:	Oct.24, 2017	Takezni	Horme	
	5	i/ Takeshi HOMMA		•••••••••••••••••••••••••••••••••••••••
Date:	Oct. 2420	Mesder "	Toron "	
		/ Masahito TOGAM	II 🗸	

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

PATENT REEL: 043961 FRAME: 0957

RECORDED: 10/26/2017