

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4489085

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	KYOTO UNIVERSITY	06/29/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	ALLIED TELESIS HOLDINGS K.K.	
<b>Street Address:</b>	2ND TOC BLDG.	
<b>Internal Address:</b>	21-11, NISHIGOTANDA 7-CHOME, SHINAGAWA-KU	
<b>City:</b>	TOKYO	
<b>State/Country:</b>	JAPAN	
<b>Postal Code:</b>	141-0031	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15504316
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(703)518-5499	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	7036841111	
<b>Email:</b>	bjhgroup@ipfirm.com	
<b>Correspondent Name:</b>	HAUPTMAN HAM, LLP	
<b>Address Line 1:</b>	2318 MILL ROAD	
<b>Address Line 2:</b>	SUITE 1400	
<b>Address Line 4:</b>	ALEXANDRIA, VIRGINIA 22314	
<b>ATTORNEY DOCKET NUMBER:</b>	4866-004	
<b>NAME OF SUBMITTER:</b>	BENJAMIN J. HAUPTMAN	
<b>SIGNATURE:</b>	/Benjamin J. Hauptman/	
<b>DATE SIGNED:</b>	07/05/2017	
<b>Total Attachments: 1</b>		
source=F-CompanytoCompanyAssignment#page1.tif		

**ASSIGNMENT**


WHEREAS, **KYOTO UNIVERSITY**, whose post office address is 36-1, YOSHIDA-HONMACHI, SAKYO-KU, KYOTO-SHI, KYOTO 606-8501 JAPAN (hereinafter referred to as ASSIGNOR), is the assignee of U.S. Patent Application No. 15/504,316 filed on February 15, 2017, (hereinafter referred to as the INVENTION); by virtue of an assignment from the inventor dated February 16, 2017, and recorded at Reel 041267, Frame 0761 and

WHEREAS, **ALLIED TELESIS HOLDINGS K.K.**, whose post office address is 2ND TOC BLDG., 21-11, NISHIGOTANDA 7-CHOME, SHINAGAWA-KU, TOKYO 141-0031 JAPAN (hereinafter referred to as ASSIGNEE) is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including the right to sue for past infringement, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to the said INVENTION throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and any other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said INVENTION.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor's certificate(s) in the United States and in foreign countries for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such United States Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

Signature:  Date: Jun. 29, 2017  
Shinji ASONUMA

**Director, Office of Society-Academia Collaboration for Innovation**  
Title

**PATENT**