

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5490207

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOSHUA DANIEL	04/24/2019
GERY DUCATEL	03/08/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY
<b>Street Address:</b>	81 NEWGATE STREET
<b>City:</b>	LONDON
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	EC1A 7AJ
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16292683
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(612)349-9266
<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>	
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<b>Email:</b>	becker@ptslaw.com
<b>Correspondent Name:</b>	PATTERSON THUENTE PEDERSEN, P.A.
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<b>ATTORNEY DOCKET NUMBER:</b>	4359.223US01
<b>NAME OF SUBMITTER:</b>	KATHRYN A. BECKER
<b>SIGNATURE:</b>	/KATHRYN A. BECKER/
<b>DATE SIGNED:</b>	04/24/2019
<b>Total Attachments: 4</b>	
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source=Executed_Assignment#page4.tif	

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, as the undersigned named inventor(s), have sold, assigned and transferred, and/or by these presents do hereby sell, assign and transfer my/our entire right, title and interest for all countries in and to all inventions disclosed in the application entitled

DATA ACCESS AUTHENTICATION

of

Application No	Filing Date
----------------	-------------

by

Joshua Daniel, and Geiy Ducatel,

unto the following Assignee

British Telecommunications Public Limited Company

with a principal place of business at

81 Newgate Street London United Kingdom EC1A 7AJ

For purposes of this assignment, Assignee shall include successors and assigns

Such assignment in and to the application shall include any utility applications, design applications, divisional applications, continuation applications, continuation-in-part applications or any other applications entitled to claim priority thereto, all Letters Patent which may be granted therefrom, and all reissues, reexaminations, reviews, oppositions, certificates and/or extensions of such Letters Patent, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions including an assignment of all rights under the provisions of the Paris Convention for the Protection of Industrial Property and further including the right to sue, counterclaim and recover for past, present and future infringement of the rights assigned or to be assigned, as fully and entirely as the same would have been held by the undersigned if this assignment had not been made, and I/we do hereby authorize and request the Commissioner of Patents to issue the Letters Patent to Assignee

I/We further authorize Assignee, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in the U.S. and any and all foreign countries, and additionally to claim priority to the filing date of the applications and otherwise take advantage of the provisions of the Paris Convention, and request the issuance of any and all Letters Patent for the inventions to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee

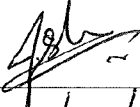
I/We do hereby covenant and agree with Assignee, that I/we will not execute in writing or do any act whatsoever conflicting with these presents, and that I/we or my/our executors or administrators will at any time upon request, without further or additional consideration, but at the expense of Assignee, make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to Assignee and its representatives all facts known to us relating to the inventions and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in Assignee, the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be

I/We covenant and agree with Assignee that no assignment, grant, mortgage, license, option or other agreement affecting the rights and property herein conveyed has been made to others by me/us and that full right to convey the same as herein expressed is possessed by me/us

I/We hereby authorize Assignee, or anyone it may properly designate, to insert the filing date, application number, title and any other indicia identifying the application herein when ascertained.

Delivery of this Assignment by copy, however transmitted, constitutes valid and effective delivery. This Assignment may be executed in one or more counterparts, each of which when so executed and delivered shall be an original, and such counterparts shall together constitute one and the same instrument.

ASSIGNMENT  
(EXECUTION PAGE)

Patent Application Title DATA ACCESS AUTHENTICATION	
Country (or "PCT")	<u>US</u>
Application No.	_____
Filing Date	_____
<b><i>Inventor/Assignor:</i></b>	
Legal Name of Inventor	<u>Joshua Daniel</u>
Inventor Signature	 _____
Date	<u>24/04/19</u> _____
Inventor Address (city, country)	<u>London, UNITED KINGDOM</u>
Inventor Citizenship	<u>GB</u>

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Country (or "PCT"):	<u>US</u>
Application No.	_____
Filing Date:	_____
<b><i>Inventor/Assignor:</i></b>	
Legal Name of Inventor	<u>Gery Ducatel</u>
Inventor Signature:	_____
Date	_____
Inventor Address (city, country)	<u>London, UNITED KINGDOM</u>
Inventor Citizenship	<u>GB</u>

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I/We do hereby covenant and agree with Assignee, that I/we will not execute in writing or do any act whatsoever conflicting with these presents, and that I/we or my/our executors or administrators will at any time upon request, without further or additional consideration, but at the expense of Assignee, make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to Assignee and its representatives all facts known to us relating to the inventions and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in Assignee, the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be

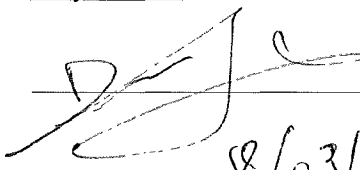
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Legal Name of Inventor:	<u>Joshua Daniel</u>
Inventor Signature	_____
Date:	_____
Inventor Address (city, country):	<u>London, UNITED KINGDOM</u>
Inventor Citizenship	<u>GB</u>

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Application No	_____
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<b><i>Inventor/Assignor:</i></b>	
Legal Name of Inventor	<u>Gery Ducatel</u>
Inventor Signature	 _____
Date	<u>08/03/19</u>
Inventor Address (city, country):	<u>London, UNITED KINGDOM</u>
Inventor Citizenship:	<u>GB</u>