

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5676196

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
FIDELITY NATIONAL INFORMATION SERVICES, INC.	08/15/2019
RECEIVING PARTY DATA	
Name:	FIDELITY INFORMATION SERVICES, LLC
Street Address:	601 RIVERSIDE AVENUE
City:	JACKSONVILLE
State/Country:	FLORIDA
Postal Code:	32204
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	16322705
Application Number:	62460611
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<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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ATTORNEY DOCKET NUMBER:	17730-0084US1
NAME OF SUBMITTER:	MARY FLORCZAK
SIGNATURE:	/Mary Florczak/
DATE SIGNED:	08/20/2019
Total Attachments: 4	
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ASSIGNMENT

Assignor: Fidelity National Information Services, Inc.
 a corporation organized and existing under the laws of
 Georgia, and having a place of business at:
 601 Riverside Avenue
 Jacksonville, FL 32204

Assignee: Fidelity Information Services, LLC
 a limited liability company organized and existing under the laws of
 Arkansas, and having a place of business at:
 601 Riverside Avenue
 Jacksonville, FL 32204

Country	Application No.	Filing Date	Title
United States	16/322,705	2/1/2019	Universal Digital Identity Authentication Service
United States	62/460,611	2/17/2017	Universal Digital Identity Authentication Service
WIPO	PCT/US2018/000034	2/16/2018	Universal Digital Identity Authentication Service

1. Assignor represents that it is the owner of the patents and patent applications listed above, and of all foreign and domestic patents, patent applications, including continuation-in-part applications, reissues, re-examinations, certificates of invention, and the like that derive priority from, or claim the benefit of the filing date of, the patents and patent applications listed above (the "Patents and Patent Applications") and of all new and useful inventions and improvements that are disclosed in the Patents and Patent Applications (the "Inventions"). The Patents and Patent Applications and the Inventions are collectively referred to as the "Patent Assets."
2. Assignor hereby assigns to Assignee its entire worldwide right, title, and interest in and to the Patent Assets, including the right to file and prosecute, in its own name wherever so permitted by law or in the name of Assignee wherever necessary, patent applications, including corresponding and continuing applications, reissues, re-examinations, certificates of invention, and the like based on any of the Patent Assets, and to claim priority to any of the Patents and Patent Applications pursuant to the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. Assignor acknowledges receipt of fair and adequate consideration for this Assignment.
3. Assignor shall, when requested by Assignee and at no cost to Assignor, (i) execute or cause to be executed all rightful oaths, assignments, and powers of attorney to Assignee or to agents and

legal representatives of Assignee, and all other papers necessary and proper to carry out the intent and purpose of this Assignment, (ii) execute all papers necessary in connection with the Patents and Patent Applications, and any continuing, divisional, reissue, reexamination or other corresponding application thereof or post-grant proceeding relating thereto and to execute any separate assignment in connection with any such application as Assignee may deem necessary or expedient; and (iii) perform all affirmative acts that may be necessary to obtain a grant of a valid patent to Assignee on any of the Inventions.

4. Assignor hereby assigns to Assignee all of Assignor's right, title, and interest in and to any claims, whether known or unknown, suspected or unsuspected, of any nature, including choses in action, that Assignor has or may have against any party for infringement of the Patents and Patent Applications, and acknowledges receipt of fair and adequate consideration for this Assignment.
5. Assignor represents that Assignor has the full right to convey the interests assigned by this Assignment, and that Assignor has not executed and will not execute any agreement in conflict with this Assignment.
6. This Assignment is binding upon and inures to the benefit of the successors and assigns of the parties.

[ASSIGNMENT CONTINUES ON SIGNATURE PAGE]

The Assignor hereby executes this Assignment.

Assignor: Fidelity National Information Services, Inc.

Signature: Michael J. Wrabel

Date: 15-August, 2019

Name: Michael J. Wrabel

Title: Sr. IP Counsel - FIS

Witnessed by:

Signature: M. J. Wrabel

Date: 15 August, 2019

Print Name: David Robert

Signature: Susan K. Olson

Date: 15 August, 2019

Print Name: Susan K. Olson

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: Fidelity Information Services, LLC

Signature: Michael J. Wrabel

Date: 15 - August, 2019

Name: Michael J. Wrabel

Title: Sr. IP Counsel - FIS

Witnessed by:

Signature: M. S. A.

Date: 15 August, 2019

Print Name: David Robert

Signature: Susan K. Olson

Date: 15 August, 2019

Print Name: Susan K. Olson

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