

## PATENT ASSIGNMENT COVER SHEET

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                        |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                            |
| <b>CONVEYING PARTY DATA</b>   |                                       |
| <b>Name</b>   | <b>Execution Date</b>                 |
| JEEBAN PANIGRAHI  | 10/02/2020                            |
| <b>RECEIVING PARTY DATA</b>   |                                       |
| <b>Name:</b>  | BARCLAYS EXECUTION SERVICES LIMITED   |
| <b>Street Address:</b>  | ONE CHURCHILL PLACE                   |
| <b>Internal Address:</b>  | CANARY WHARF, 29TH FLOOR              |
| <b>City:</b>  | LONDON                                |
| <b>State/Country:</b>   | UNITED KINGDOM                        |
| <b>Postal Code:</b>   | E14 5HP                               |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                       |
| <b>Property Type</b>  | <b>Number</b>                         |
| Application Number:   | 17006165                              |
| <b>CORRESPONDENCE DATA</b>  |                                       |
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| <b>NAME OF SUBMITTER:</b>   | JAMES F. COUGHLAN                     |
| <b>SIGNATURE:</b>   | /James F. Coughlan/                   |
| <b>DATE SIGNED:</b>   | 10/06/2020                            |
| <b>Total Attachments: 3</b>   |                                       |
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| source=Executed Assignment#page3.tif  |                                       |

**ASSIGNMENT**

WHEREAS, the undersigned, to wit:

Jeeban PANIGRAHI c/o Barclays Execution Services Limited, One Churchill Place,  
Canary Wharf, 29th Floor, LONDON, E14 5HP, UNITED KINGDOM

(hereinafter collectively "ASSIGNOR"), has made a certain new and useful invention as  
set forth in an application for United States Letters Patent, entitled:

" SECURE VALIDATION PIPELINE IN A THIRD-PARTY CLOUD ENVIRONMENT"

- (a) ☐ which is being filed herewith in the United States Patent and Trademark Office;
- (b) ☒ which was filed as U.S. Patent Application No. 17/006,165  
on August 28, 2020 ;
- (c) ☐ which was filed as International Patent Application No. \_\_\_\_\_  
on \_\_\_\_\_ designating the United States; and

WHEREAS, Barclays Execution Services Limited (hereinafter "ASSIGNEE"), a  
company having its principal place of business at One Churchill Place, Canary Wharf, 29th  
Floor, LONDON, E14 5HP, UNITED KINGDOM, is desirous of acquiring the entire right,  
title, and interest in and to said invention and any and all patents that may be obtained therefor,  
and in and to said application and any and all patents that may issue therefrom;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency  
of which is hereby acknowledged, ASSIGNOR does hereby sell, assign, transfer, and set over  
unto said ASSIGNEE, its successors, assigns, and legal representatives, all right, title, and  
interest in and to said invention throughout the world, and any and all patents of the United  
States and foreign countries that may be obtained therefor, including the right to sue for past  
infringement and obtain past damages, and in and to said application, including any and all  
non-provisionals, continuations, continuations-in-part, divisionals, reissues, re-examinations,  
substitutions, and extensions thereof, and any and all patents of the United States and foreign  
countries that may issue therefrom, such right, title, and interest including the right to file  
applications and obtain patents, utility models, industrial models, and designs for said invention  
in the name of said ASSIGNEE, its successors, assigns, and legal representatives, throughout  
the world, including all rights of priority, all rights to publish cautionary notices reserving  
ownership of said invention, and all rights to register said invention in appropriate registries;

ASSIGNOR also does hereby covenant that he has the full right to convey the entire right, title, and interest herein assigned, and that he has not and will not execute any agreement in conflict herewith;

ASSIGNOR also does hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application, including any continuations, continuations-in-part, divisionals, reissues, re-examinations, substitutions, and extensions thereof, to said ASSIGNEE, its successors, assigns, and legal representatives as the ASSIGNEE of the entire right, title, and interest herein assigned;

ASSIGNOR also does hereby agree to, at any time, upon request, without further or additional consideration but at the expense of said ASSIGNEE, its successors, assigns, or legal representatives, execute and deliver any and all papers, make all rightful oaths, and do all lawful acts that may be necessary or desirable to perfect the entire right, title, and interest in said application, including any and all continuations, continuations-in-part, divisionals, reissues, re-examinations, substitutions, and extensions thereof, and any and all patents of the United States and foreign countries that may issue therefrom to said ASSIGNEE, its successors, assigns, and legal representatives, and generally do everything possible to vest the entire right, title, and interest herein assigned in said ASSIGNEE, its successors, assigns, and legal representatives;

ASSIGNOR also does hereby grant to ASSIGNEE, its successors and assigns, and legal representatives thereof, including the following individuals, the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or foreign equivalent thereof for recordation of this document:

WILMER CUTLER PICKERING HALE AND DORR LLP

All practitioners at Customer Number 24395

This ASSIGNMENT is effective as of August 28, 2020 .

02/10/20

Date

*J Panigrahi*

Jeeban Panigrahi

Witness:

Date