

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JAGMOHAN SINGH	09/21/2017
PRIYA RANJAN	09/21/2017
RECEIVING PARTY DATA	
Name:	JPMORGAN CHASE BANK, N.A.
Street Address:	270 PARK AVENUE
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10017
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15718457
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ATTORNEY DOCKET NUMBER:	72167.001334
NAME OF SUBMITTER:	JANET PETERSON
SIGNATURE:	/Janet Peterson/
DATE SIGNED:	10/05/2017
Total Attachments: 4	
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ASSIGNMENT

WHEREAS, WE, Jagmohan SINGH and Priya RANJAN; have invented, developed, and/or have rights in the invention(s) (hereinafter "Invention") disclosure in a United States patent application entitled:

**METHOD AND SYSTEM FOR GENERATING PRODUCTION DATA
PATTERN TEST DATA**

filed on September 28, 2017; and accorded Application No. 15/718,457
(hereinafter "Application"); and

WHEREAS, JPMorgan Chase Bank, N.A., a corporation organized under the laws of the United States of America and the State of Ohio, and having a place of business at 270 Park Avenue, New York, NY 10017 (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in and to the Invention and in and to the Application.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to Assignee and its successors and assigns, our entire right, title and interest, worldwide, in and to the Invention and the Application, and all patents and applications, worldwide, claiming priority to and/or benefit of, directly or indirectly, or based in whole or in part on, said Application and/or said Invention, including continuations, continuations-in-part, divisionals, reissues, reexaminations, renewals, substitutes, and extensions thereof, and any international and regional applications, based in whole or in part on any of the aforesaid applications or in whole or in part on said Invention, and all priority rights under the International Convention for the Protection of Industrial Property for every member country, and all utility-model registrations, inventor's certificates, and the like heretofore or hereafter filed, worldwide, for the Invention, and in and to any and all patents (including all extensions, renewals, reexaminations and reissues thereof), worldwide, which have been or may be granted on any of the aforesaid applications or on said Invention or any parts thereof.

AND WE HEREBY covenant and agree for ourselves and our heirs, executors and administrators that we will communicate to Assignee any facts known to us respecting the Invention and the aforementioned applications, sign all lawful papers, testify in any legal proceeding, make all rightful oaths, and take any other actions that may be necessary or desirable to secure to Assignee its right, title, and interest in and to the aforementioned patents, applications and Invention, and generally do everything possible to aid Assignee to obtain and enforce proper patent protection for the Invention and the aforementioned patents and applications;

AND WE HEREBY agree to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said applications, or in the preparation or prosecution of any continuation, continuation-in-part, divisional, substitute, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents or similar rights of any region or

country, that may be necessary to secure to Assignee its interest and title in and to said Invention or any parts thereof, and in and to said applications and patents;

AND WE HEREBY authorize and request our agents, Hunton & Williams LLP, whose address is 2200 Pennsylvania Avenue NW, Washington, DC 20037, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said Application when known;

AND WE HEREBY covenant for ourselves and our legal representatives, and agree with said Assignee, its successors and assigns, that we have the full right to convey the entire interest herein assigned, and that we have granted no right or license to make, use, sell or offer to sell said Invention, to anyone except said Assignee, that prior to the execution of this deed, our right, title and interest in said Invention and said Application had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

AND WE HEREBY authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty is to issue patents on applications as aforesaid, to issue any and all letters patents which may be granted upon said United States and foreign applications or upon the Invention to the Assignee.

- SIGNATURES BEGIN ON NEXT PAGE -

IN WITNESS WHEREOF, we have executed this Assignment as of the date set forth below.

Jagmohan SINGH

Signature: [Handwritten Signature]

Printed Name: JAGMOHAN SINGH

Date: 9/21/2017

WITNESS

Signature: [Handwritten Signature]

Printed Name: ISHMITA BANDY

Date: 9/21/2017

WITNESS

Signature: [Handwritten Signature]

Printed Name: JYOTIRMAJ MITRA

Date: 9/21/2017

Priya RANJAN

Signature: _____

Printed Name: _____

Date: _____

WITNESS

Signature: _____

Printed Name: _____

Date: _____

WITNESS

Signature: _____

Printed Name: _____

Date: _____

IN WITNESS WHEREOF, we have executed this Assignment as of the date set forth below.

Jagmohan SINGH

Signature: _____

Printed Name: _____

Date: _____

WITNESS

Signature: _____

Printed Name: _____

Date: _____

WITNESS

Signature: _____

Printed Name: _____

Date: _____

Priya RANJAN

Signature: Priya Ranjan

Printed Name: PRIYA RANJAN

Date: 9/21/2017

WITNESS

Signature: Shobhagya Kaushal

Printed Name: SOBHAGYA KAUSHAL

Date: 21st Sept, 2017

WITNESS

Signature: Shravan Kumar Jha

Printed Name: SHRAVAN K JHA

Date: 9/21/2017