506858380 09/08/2021

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6905200

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

#### **CONVEYING PARTY DATA**

| Name                     | Execution Date |
|--------------------------|----------------|
| KUMAR RAO KRISHNAGI      | 07/15/2021     |
| KEVIN CARRIER            | 08/25/2021     |
| VINESHKUMAR DHARMALINGAM | 07/08/2021     |
| RITU SHRIVASTAVA         | 08/25/2021     |
| ANANTH RAJASEKARAN       | 08/24/2021     |
| NAJMA ADEN               | 08/25/2021     |
| ROBERT B GRANT           | 07/09/2021     |
| MATTHEW J PORTER         | 09/07/2021     |
| NALINI S BODA            | 07/08/2021     |
| MARK ALAN WELLS          | 07/12/2021     |
| VIJAY KUMAR PERLA        | 07/09/2021     |
| LAXMAN DONGISHARAPU      | 07/09/2021     |

#### **RECEIVING PARTY DATA**

| Name:           | JPMORGAN CHASE BANK, N.A. |  |
|-----------------|---------------------------|--|
| Street Address: | 383 MADISON AVENUE        |  |
| City:           | NEW YORK                  |  |
| State/Country:  | NEW YORK                  |  |
| Postal Code:    | 10179                     |  |

#### **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 17333659 |

### **CORRESPONDENCE DATA**

(703)716-1180 Fax Number:

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.

Phone: 703-716-1191

Email: gbpatent@gbpatent.com

**Correspondent Name:** GREENBLUM & BERNSTEIN, P.L.C. Address Line 1: 1950 ROLAND CLARKE PLACE Address Line 4: RESTON, VIRGINIA 20191

> PATENT -REEL: 057412 FRAME: 0529

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| ATTORNEY DOCKET NUMBER:             | P62598        |
|-------------------------------------|---------------|
| NAME OF SUBMITTER:                  | ALI M. IMAM   |
| SIGNATURE:                          | /Ali M. Imam/ |
| DATE SIGNED:                        | 09/08/2021    |
| Total Attachments: 14               |               |
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### **ASSIGNMENT**

WHEREAS, Kumar RAO KRISHNAGI, a resident of Powell, OHIO, UNITED STATES, whose mailing address is c/o JPMorgan Chase Bank, N.A., 383 Madison Avenue, New York, NEW YORK 10179, UNITED STATES, Kevin CARRIER, a resident of Worthington, OHIO, UNITED STATES, whose mailing address is c/o JPMorgan Chase Bank, N.A., 383 Madison Avenue, New York, NEW YORK 10179, UNITED STATES, Vineshkumar DHARMALINGAM, a resident of Lewis Center, OHIO, UNITED STATES, whose mailing address is c/o JPMorgan Chase Bank, N.A., 383 Madison Avenue, New York, NEW YORK 10179, UNITED STATES, Ritu SHRIVASTAVA, a resident of Powell, OHIO, UNITED STATES, whose mailing address is c/o JPMorgan Chase Bank, N.A., 383 Madison Avenue, New York, NEW YORK 10179, UNITED STATES, Ananth RAJASEKARAN, a resident of Columbus, OHIO, UNITED STATES, whose mailing address is c/o JPMorgan Chase Bank, N.A., 383 Madison Avenue, New York, NEW YORK 10179, UNITED STATES, Najma ADEN, a resident of Columbus, OHIO, UNITED STATES, whose mailing address is c/o JPMorgan Chase Bank, N.A., 383 Madison Avenue, New York, NEW YORK 10179, UNITED STATES, Robert B GRANT, a resident of Gahanna, OHIO, UNITED STATES, whose mailing address is c/o JPMorgan Chase Bank, N.A., 383 Madison Avenue, New York, NEW YORK 10179, UNITED STATES, Matthew J PORTER, a resident of Mechanicsburg, OHIO, UNITED STATES, whose mailing address is c/o JPMorgan Chase Bank, N.A., 383 Madison Avenue, New York, NEW YORK 10179, UNITED STATES, Nalini S BODA, a resident of Lewis Center, OHIO, UNITED STATES, whose mailing address is c/o JPMorgan Chase Bank, N.A., 383 Madison Avenue, New York, NEW YORK 10179, UNITED STATES, Mark Alan WELLS, a resident of Dublin, OHIO, UNITED STATES, whose mailing address is c/o JPMorgan Chase Bank, N.A., 383 Madison Avenue, New York, NEW YORK 10179, UNITED STATES, Vijay Kumar PERLA, a resident of Westerville, OHIO, UNITED STATES, whose mailing address is c/o JPMorgan Chase Bank, N.A., 383 Madison Avenue, New York, NEW YORK 10179, UNITED STATES, and Laxman DONGISHARAPU, a resident of Hyderabad, INDIA, whose mailing address is c/o JPMorgan Chase Bank, N.A., 383 Madison Avenue, New York, NEW YORK 10179, UNITED STATES, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

## SYSTEM AND METHOD FOR SMART AUTHENTICATION

for which they have jointly executed an application for Letters Patent for the United States which was filed in the United States Patent and Trademark Office on May 28, 2021 and was awarded Application No. 17/333,659.

AND WHEREAS, **JPMorgan Chase Bank, N.A.**, a corporation organized and existing under the laws of the state of NEW YORK, UNITED STATES, whose mailing address is 383 Madison Avenue, New York, NEW YORK 10179, UNITED STATES, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations, and prolongations thereof.

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NOW, THIS WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States and elsewhere throughout the world including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor and all rights to sue for past and future infringement thereunder, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations, and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States and elsewhere throughout the world for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S) and said ASSIGNEE(S), on the respective date(s) indicated below.

/ Kumar RAO KRISHNAGI / Kumar RAO KRISHNAGI

7/15/2021

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S) and said ASSIGNEE(S), on the respective date(s) indicated below.

/Kevin CARRIER/

Kevin CARRIER

8/25/21

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S) and said ASSIGNEE(S), on the respective date(s) indicated below.

/Vineshkumar DHARMALINGAM/

Vineshkumar DHARMALINGAM

07/08/2021

Date

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IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S) and said ASSIGNEE(S), on the respective date(s) indicated below.

/ Ritu SHRIVASTAVA /

Ritu SHRIVASTAVA

08/25/2021

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S) and said ASSIGNEE(S), on the respective date(s) indicated below.

/ Ananth RAJASEKARAN /

**Ananth RAJASEKARAN** 

08/24/2021

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S) and said ASSIGNEE(S), on the respective date(s) indicated below.

| /Najma Aden/ |  |
|--------------|--|
| Najma ADEN   |  |
| 8/25/21      |  |
| Date         |  |

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S) and said ASSIGNEE(S), on the respective date(s) indicated below.

/Robert B GRANT/

Robert B GRANT

07/09/2021

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S) and said ASSIGNEE(S), on the respective date(s) indicated below.

/ Matthew J PORTER /

**Matthew J PORTER** 

09/07/2021

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S) and said ASSIGNEE(S), on the respective date(s) indicated below.

/ Nalini S BODA /

Nalini S BODA

07/08/2021

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S) and said ASSIGNEE(S), on the respective date(s) indicated below.

/ Mark Alan WELLS /

**Mark Alan WELLS** 

07/12/2021

Date

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IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S) and said ASSIGNEE(S), on the respective date(s) indicated below.

/ Vijay Kumar PERLA /

Vijay Kumar PERLA

07/09/2021

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S) and said ASSIGNEE(S), on the respective date(s) indicated below.

/ Laxman DONGISHARAPU /

**Laxman DONGISHARAPU** 

7/9/2021

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S) and said ASSIGNEE(S), on the respective date(s) indicated below.

| Agreed to by:                                      |
|--|
| JPMorgan Chase Bank, N.A.                          |
| Signature  |
| Monika Dudek Name                                  |
| Vice President and Assistant General Counsel Title |
| Date   |

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RECORDED: 09/08/2021