PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7013537

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| PETE KAULBACH | 09/27/2019 |
| JUSTIN THOMAS KATEN | 09/27/2019 |
| JIM MAUS | 09/30/2019 |
| JERRY J. DAVIS | 09/30/2019 |

RECEIVING PARTY DATA

| Name: | MASTERCARD INTERNATIONAL INCORPORATED | |
|-----------------|---------------------------------------|--|
| Street Address: | 2000 PURCHASE STREET | |
| City: | PURCHASE | |
| State/Country: | NEW YORK | |
| Postal Code: | 10577 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 17521626 |

CORRESPONDENCE DATA

Fax Number: (314)726-7501

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:314-726-7500Email:gwmefile@hdp.comCorrespondent Name:BRIAN G. PANKAAddress Line 1:7700 BONHOMME

Address Line 2: SUITE 400

Address Line 4: ST. LOUIS, MISSOURI 63105

| ATTORNEY DOCKET NUMBER: | 16754-000507-US-COA |
|-------------------------|---------------------|
| NAME OF SUBMITTER: | BRIAN G. PANKA |
| SIGNATURE: | /BRIAN G. PANKA/ |
| DATE SIGNED: | 11/09/2021 |

Total Attachments: 4

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PATENT REEL: 058054 FRAME: 0473

Mastercard Ref. No.: P06048-US-UTIL

Docket No.: 16754-000507-US

WORLDWIDE ASSIGNMENT

WHEREAS, WE,

<u>Pete Kaulbach</u>, a citizen of <u>Canada</u>, having a residence address at <u>52 Kingsbury Way</u>, <u>Bedford</u>, <u>Nova Scotia</u>, <u>B4A 4M5 Canada</u>,

<u>Justin Thomas Katen</u>, a citizen of the <u>United States of America</u>, having a residence address at 620 Schultz Ct., Foristell, Missouri 63348,

<u>Jim Maus</u>, a citizen of the <u>United States of America</u>, having a residence address at <u>2817 Spruce Ridge Court</u>, <u>Saint Charles</u>, <u>Missouri 63303</u>,

<u>Jerry J. Davis</u>, a citizen of the <u>United States of America</u>, having a residence address at <u>18126</u> Forest Briar Court, Wildwood, Missouri 63038,

(hereinafter "Assignor"), have made an invention entitled "SYSTEMS AND METHODS FOR USE IN NETWORK SERVICE INTERFACE BUNDLING" as set forth and described in U.S. Application No. 16/588,953, filed September 30, 2019; and

WHEREAS, MASTERCARD INTERNATIONAL INCORPORATED, having its principal place of business at 2000 Purchase Street, Purchase, New York 10577, hereinafter referred to as Assignee, is desirous of acquiring the whole right, title and interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor hereby confirms any prior assignment to Assignee, and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights.

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, any derivation proceedings relating thereto, and as to Letters Patent any supplemental examination, derivation proceeding, opposition, post grant review, reissue, reexamination, inter partes review, or extension thereof, and for liftgation regarding, or for the purpose of defending the validity of or protecting title to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee and its successors in interest without further or other compensation than that above set forth.

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment. Assignor further covenants not to challenge, or assist or participate in any third party challenge to, the assigned inventions, or any patent application or patent thereon, whether by litigation, post grant review, inter partes review, covered business method review, reexamination, or otherwise.

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignce.

The undersigned hereby authorize the attorneys of HARNESS DICKEY & PIERCE PLC the power to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

IN WITNESS WHERFOF, I, the said ASSIGNOR have executed this Assignment this <u>⊇7</u> day of <u>Scotube</u> 2019.

PETE KAULBACH

Witness Stenature

Connected Witness Name

Yorkingstay School

Decl Food (1)

PATENT

REEL: 058054 FRAME: 0475

Mastercard Ref. No.: P06048-US-UTIL

Docket No.: 16754-000507-US

| in withese whereor, i, the said | ASSIGNOR have executed this Assignment thi |
|---------------------------------|--|
| 27 day of September, 2019. | () (a) h = |
| · · · | JUSTIN THOMAS KATEN |
| · | JOSIN IIIOMAS KATEN |
| _ | MSH |
| | Witness Signature |
| | Michael Vagnider |
| | Witness Name |
| | |

IN WITNESS WHEREOF, I, the said ASSIGNOR have executed this Assignment this day of Suptom bec, 2019.

JIM MAUS

Witness Signature

Witness Name

Mastercard Ref. No.: P06048-US-UTIL Docket No.: 16754-000507-US

| IN WITNESS WHEREOF, I, the day of September, 20 | said ASSIGNOR have executed this Assignment this D19. |
|---|---|
| | L. Ice |
| | JERRY J. DAVIS |
| | |
| | * Witness Signature |
| | KISHORE MASARAPU |
| | Witness Name |
| | |
| | • |
| Agreed and accepted this <u>lst</u> day or | f October , 2019. |
| MASTERCARD INTERNATIONAL IF | NCORPORATED |
| By: | |
| | |
| Name & Title. Steven P. Klocinski - Assis | tant General IP Counsel |