506068618 05/20/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PHILIP WEI PING YEN	10/20/2017
PATRIK SMETS	10/23/2017
MICHIHIKO YODEN	10/24/2017

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:	16879062

CORRESPONDENCE DATA

Fax Number: (703)836-7419

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: 7032996934

Email: Ashley.Fernandez@bipc.com

Correspondent Name: BUCHANAN INGERSOLL & ROONEY PC

Address Line 1: P.O. BOX 1404

Address Line 4: ALEXANDRIA, VIRGINIA 22313-1404

ATTORNEY DOCKET NUMBER:	0076412-001668
NAME OF SUBMITTER:	ASHLEY FERNANDEZ
SIGNATURE:	/Ashley Fernandez/
DATE SIGNED:	05/20/2020

Total Attachments: 5

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PATENT REEL: 052713 FRAME: 0352

WORLDWIDE ASSIGNMENT

WHEREAS, WE:

....

. ;: ,

Philip Wei Ping YEN, a citizen of the U.S., having a residence address at 2 Marina Boulevard, #08-04, Singapore, Singapore 018987,

Patrik SMETS, a citizen of Belgium, having a residence address at Hooidonkstraat 59, Nijlen, Belgium 2560, and

Michihiko YODEN, a citizen of <u>Japan</u>, having a residence address at <u>138 Serangoon Avenue 3</u>, <u>#11-30, Singapore, Singapore 554475</u>.

4-14-140-4	(hereinafter "ASSIGNORS"), has made an invention entitled "METHOD AND
SHOP RAIL	SYSTEM FOR CONVEYANCE OF MACHINE READABLE CODE DATA VIA PAYMENT
	NETWODY" as got forth and described in H.C. Annication No. filed
,	International Application Nov. , filed ; United States Provisional Application
· ·	No., filed; and

WHEREAS, MASTERCARD INTERNATIONAL INCORPORATED, having its principal place of business at 2000 Purchase Street, Purchase, NY 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, ressue, reexamination, inter partes review, or extension thereof, and for litigation 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 Assignee.

The undersigned hereby authorize the attorneys of <u>Buchanan Ingersoll & Rooney PC</u> 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 WHEREOF, I, the October	said ASSIGNOR have executed this Assignment this, 201_7
	Philip Wei Ping YEN
	Amorge 1
	Witness Signature Shareen Ng
	Witness Name

IN WITNESS WHEREOF,	I, the said ASSIGNOR have executed this Assignment this 201
any or <u>Octor</u>	
	Patrik SMETS
	teldet
	Vacu de Volale Eddy
	Witness Name
IN WITNESS WHEREOF, I	I, the said ASSIGNOR have executed this Assignment this, 201
	Michihiko YODEN
	Michihiko YODEN
	Michihiko YODEN Witness Signature

N WITNESS WHEREOF,	I, the said ASSIGNOR have executed this Assignment this, 201
	Patrik SMETS
	Witness Signature
	Witness Name
N WITNESS WHEREOF,	I, the said ASSIGNOR have executed this Assignment this, 201 → .
	Michihiko YODEN
	Med
	Witness Signature Margala fragh Witness Name
	Witness Name

Agreed and accepted this 25th day of Oct. , 2017.

MASTERCARD INTERNATIONAL INCORPORATED

By: ______

Title: Steve Klocinski - Senior Vice President and Senior IP Counsel

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