504612721 10/26/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4659434

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANKUR ARORA	09/29/2017
NISHANT MAHESHWARI	09/29/2017
SHUVAM SENGUPTA	09/29/2017
JAIPAL SINGH KUMAWAT	09/28/2017
VIKAS BISHNOI	09/29/2017

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:	15794322

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:	0076412-000883	
NAME OF SUBMITTER:	ASHLEY FERNANDEZ	
SIGNATURE:	/Ashley Fernandez/	
DATE SIGNED:	10/26/2017	

Total Attachments: 5

source=Assignment#page1.tif

PATENT REEL: 043957 FRAME: 0490

504612721



PATENT REEL: 043957 FRAME: 0491

WORLDWIDE ASSIGNMENT

WHEREAS, WE,

Ankur ARORA, a citizen of INDIA, having a residence address at F-28, Sec. 9, Jasola, New Delbi 119025, INDIA,

Nishant MAHESHWARI, a citizen of INDIA, having a residence address at 3, Japan House, Laxmibaimarg, Aligarh, U.P-202001 India,

Shuvam SENGUPTA, a citizen of INDIA, having a residence address at B/24, Progressive Apartments, Sector 55, Gurgaon, Harvana, 122003, INDIA,

<u>Jainal Singh KUMAWAT</u>, a citizen of <u>INDIA</u>, having a residence address at <u>Lal Singh</u> Colony W. No. 38, Sikar, Rajasthan, India 332001.

and

<u>Vikas BISHNOI</u>, a citizen of <u>INDIA</u>, having a residence address at <u>259/112</u>, <u>Vishnu Nagar</u> <u>Digari</u>, <u>Jodhpur</u>, <u>Rajasthan</u>, 342001, <u>India</u>

(hereinafter "ASSIGNOR"), have made an invention entitled "METHOD AND SYSTEM FOR PREVENTION OF FRAUDULENT GIFT CARDS VIA BLOCKCHAIN" as set forth and described in U.S. Application No. __******, filed __******; International Application No. _, _, filed _; and United States Provisional Application No., _, filed _;

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, reissue, 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 29 day of \$<&	e said ASSIGNOR have executed this Assignment this 201 7.	
	He .	
÷	Nishant MAHESHWARI	
	Witness Signature	
	Wilness Signature	
	Shrenge MH of Witness Name	
	Witness Name	
	at in the second of the second	
	<i>₽</i>	
IN WITNESS WHEREOF, I, the	e said ASSIGNOR have executed this Assignment this 201	
·	Shiring the state of the state	
Shuvam SENGUPTA		
	Shreye	
	Witness Signature Shreyon Milled Witness Name	
	xureya ruter	
	V Witness Name	

IN WITNESS WHEREOF, I, the said ASS 23 th day of <u>Seρ</u> , 2014.	IGNOR have executed this Assignment this		
	Life-		
Jaips	I Singh KUMAWAT		
	Andrit		
	Witness Signature		
	Ankit Shreemal		
	Witness Name		
IN WITNESS WHEREOF, I, the said ASSIGNOR have executed this Assignment this			
Vikas	VKas GI		
V. BODOWN BLANZES, 2 V.S.			
	Stranger All Shows		
	Witness Signature		
	Smriti Guft		
	Witness Name		

Agreed and accepted this 2nd day of Oct., $20\frac{17}{2}$.

MASTERCARD INTERNATIONAL INCORPORATED

By:

Title: Jush C. Gonzalez - Senior Vice President and Senior IP Counsel

.5.

PATENT REEL: 043957 FRAME: 0496

RECORDED: 10/26/2017