503376354 07/01/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUSTIN HOWE	06/29/2015
BRUCE WILLIAM MACNAIR	06/27/2015

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:	14789752

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ATTORNEY DOCKET NUMBER:	21652-00435
NAME OF SUBMITTER:	DANIEL M. FITZGERALD
SIGNATURE:	/Daniel M. Fitzgerald/
DATE SIGNED:	07/01/2015

Total Attachments: 3

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PATENT 503376354 REEL: 035991 FRAME: 0161

DOCKET NUMBER: 21652-00435

ASSIGNMENT

In consideration of One Dollar and other good and valuable consideration, of which I/we acknowledge receipt, I/we,

Justin Howe

of

San Francisco, California

Bruce William MacNair

of

Stamford, Connecticut

hereby sell and assign to MasterCard International Incorporated (hereinafter referred to as Assignee), a Delaware Corporation, with its principal address at 2000 Purchase Street, Purchase, New York 10577, USA, its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in application for United States Patent currently entitled:

SYSTEMS AND METHODS FOR DETERMINING DEVICE LOCATION USING WIRELESS DATA AND OTHER GEOGRAPHICAL LOCATION DATA

executed concurrent	ly herewith,	
filed on	, having Serial Number	

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Assignee, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Assignee, I/we will communicate to said Assignee or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

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DOCKET NUMBER: 21652-00435

INVENTOR 1

Signature:

Justin Howe

Date: 29141

DOCKET NUMBER: 21652-00435

INVENTOR 2

Date: 6/27/15