

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BO-CHIH LIU	09/05/2016
JING YU	09/02/2016
HAN ZHAO	09/02/2016
YUAN REN	09/05/2016
RECEIVING PARTY DATA	
Name:	MARVELL TECHNOLOGY (SHANGHAI) LTD.
Street Address:	4F, BUILDING 2, 399 KE YUAN ROAD, PUDONG DISTRICT
City:	SHANGHAI
State/Country:	CHINA
Postal Code:	201203
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15258437
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<i>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.</i>	
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ATTORNEY DOCKET NUMBER:	MP6473
NAME OF SUBMITTER:	KELVIN VIVIAN
SIGNATURE:	/Kelvin Vivian/
DATE SIGNED:	07/20/2017
Total Attachments: 2	
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Docket#: MP6473

PATENT

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned,

BoChih Liu, Jing Yu, Han Zhao and Yuan Ren

who have created a certain invention for which an application for United States Letters Patent was executed by me concurrently herewith and entitled:

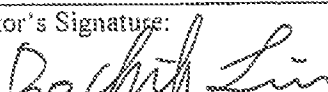
APPARATUS AND METHOD FOR TRANSFORMING AND CLEANING POSITION DATA FOR A DATABASE-BASED POSITIONING SYSTEM

Do hereby sell, assign and transfer to Marvell Technology (Shanghai) Ltd., a Chinese corporation, having a place of business at Building 4, 399 Ke Yuan Road, Shanghai, China, 201203, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Do hereby further sell, assign and transfer to Marvell Technology (Shanghai) Ltd., its successors, assigns, and legal representatives, the full and exclusive right to United States Provisional Patent Application No(s). 62/243,270, filed October 19, 2015, entitled, Position Data Cleaning Applied to Server-Based Positioning System and 62/369,576, filed August 1, 2016, entitled Position Data Cleaning Applied to Server Based Positioning System and to any and all inventions described in said provisional patent application(s) for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be entitled to the benefit thereof in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that Marvell Technology (Shanghai) Ltd., hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN TESTIMONY WHEREOF I have hereunto set MY signature on the date indicated below.

Full Name of First Inventor:	
BoChih Liu	
Inventor's Signature:	Date: Month/Day/Year
	9/5/2016

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REEL: 043052 FRAME: 0536

Docket#: MP6473

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Full Name of Second Inventor:	
Jing Yu	
Inventor's Signature:	Date: Month/Day/Year
Jing Yu	9/21/2016

Full Name of Third Inventor:	
Han Zhao	
Inventor's Signature:	Date: Month/Day/Year
Han Zhao	9/2/2016

Full Name of Fourth Inventor:	
Yuan Ren <i>Yuan</i>	
Inventor's Signature:	Date: Month/Day/Year
Yuan Ren	9/5/2016