

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4111977

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MITAC INTERNATIONAL CORPORATION	10/19/2016

RECEIVING PARTY DATA

Name:	DIDI (HK) SCIENCE AND TECHNOLOGY LIMITED
Street Address:	90-92 JAFFE ROAD, WANCHAI
Internal Address:	FLAT 2, 19/F, HENAN BUILDING
City:	HONG KONG
State/Country:	CHINA

PROPERTY NUMBERS Total: 29

Property Type	Number
Patent Number:	6256029
Patent Number:	6765554
Patent Number:	6037942
Patent Number:	6574551
Patent Number:	6873907
Patent Number:	6052646
Patent Number:	6055479
Patent Number:	6059843
Patent Number:	6282495
Patent Number:	6484089
Patent Number:	6532419
Patent Number:	6049755
Patent Number:	6078864
Patent Number:	6108603
Patent Number:	6175801
Patent Number:	6362751
Patent Number:	6363322
Patent Number:	6385542
Patent Number:	6397145
Patent Number:	6529822

PATENT

Property Type	Number
Patent Number:	7075459
Patent Number:	7142979
Patent Number:	7170518
Patent Number:	7286932
Patent Number:	6430501
Patent Number:	6711499
Patent Number:	6741928
Patent Number:	6748323
Patent Number:	7031836

CORRESPONDENCE DATA

Fax Number:

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: 9175283802
Email: xiaobing.zhang@metisip-law.com
Correspondent Name: XIAOBING ZHANG
Address Line 1: 1629 K STREET, NW
Address Line 2: SUITE 300
Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	20615-00000018
NAME OF SUBMITTER:	XIAOBING ZHANG
SIGNATURE:	/Xiaobing Zhang/
DATE SIGNED:	10/25/2016

Total Attachments: 12

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Exhibit B-1

ASSIGNMENT AGREEMENT

This Assignment Agreement (the "Agreement") is made and entered into this 19 day of October ~~September~~, 2016 (the "Effective Date"), by MITAC International Corporation, a corporation having a principal address of No. 1, R&D 2nd Road, Hsinchu Science Industrial Park, Hsinchu, Taiwan ("Assignor") and DiDi (HK) Science and Technology Limited, a corporation having an address at Flat 2, 19/F, Henan Building, 90-92 Jaffe Road, Wanchai, Hong Kong ("Assignee").

RECITALS

- A. Assignor is the owner of (select as appropriate):
- the United States Patents set forth on Exhibit 1 hereto (the "US Patents");
 - the non-United States patents set forth on Exhibit 2 hereto (the "Foreign Patents");
 - the United States patent applications set forth on Exhibit 3 hereto (the "US Patent Applications");
 - the United States provisional patent applications set forth on Exhibit 4 hereto (the "US Provisional Patent Applications"); and/or
 - the foreign patent applications set forth on Exhibit 5 hereto (the "Foreign Patent Applications");

which collectively shall be referred to herein as the "Patents".

B. Assignor and Assignee have agreed by way of a patent purchase agreement (the "Purchase Agreement") dated September 18, 2016, by and between Assignor and Assignee, the terms of which are incorporated herein by reference, that Assignor shall sell, transfer, and assign and set over unto Assignee and Assignee shall accept, all rights, title and interest in and to the Patents as specified in this Agreement. In the event of any conflict between the terms of this Patent Assignment Agreement and the referenced Purchase Agreement, the terms of the Purchase Agreement shall prevail,

AGREEMENT

NOW, THEREFORE, in consideration of the foregoing premises, and the covenants and agreements in this Assignment, Assignor and Assignee agree as follows:

1. Assignor does hereby sell, transfer, convey, assign and deliver to Assignee all of Assignor's right, privilege, title and interest (for all countries) that exist today and may exist in the future in, to and under



- a. the Patents and in the case of patent applications in and to any patents that may issue therefrom, including, in all instances, any counterparts of any of the foregoing in any jurisdiction throughout the world, and any and all divisions, continuations, reissues or reexaminations of any of the foregoing, and, further, all applications for industrial property protection, including without limitation, all applications for patents, utility models, copyright, and designs which may hereafter be filed for any inventions described in said Patents in any country or countries, together with the right to file such applications and the right to claim for the same the priority rights derived from the inventions and the Patents under the laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, in each instance the same to be held by Assignee for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns and other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made; and
- b. all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents, including, without limitation, all causes of action and other enforcement rights for all claims for damages, royalties, income or other remuneration (hereinafter "Damages") by reason of past, present and future infringements of the Patents or other rights being assigned hereunder, along with the right to sue for and collect such Damages for the use and benefit of Assignee and its successors, assigns and other legal representatives.

2. Insofar as this assignment concerns European patents and patent applications, Assignor does hereby declare that it is the owner of said Patents and that Assignor has assigned same, along with all rights and duties appurtenant thereto, to Assignee and agrees that the assignment will be recorded in the register with the European Patent Office; and Assignee hereby declares that Assignee has agreed to the assignment of the aforementioned Patents to it and that Assignee will simultaneously apply for recording of the assignment in the register with the European Patent Office.

3. Assignor hereby authorizes and requests the Commissioner for Patents of the United States, and any officer of any country or countries foreign to the United States, whose duty is to issue patents or other evidence or forms of intellectual property protection or applications as aforesaid, to issue the same to Assignee and its successors, assigns and other legal representatives in accordance with the terms of this instrument.

4. Assignor agrees that, whenever reasonably requested by Assignee, Assignor will execute all papers, take all rightful oaths, and do all acts which may be reasonably necessary for securing and maintaining the Patents in any country and for vesting title thereto in Assignee, its successors, assigns and legal representatives or nominees.



5. Assignor authorizes and empowers Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for the inventions, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, and to invoke and claim such right of priority without further written or oral authorization from Assignor.

6. Assignor hereby acknowledges and agrees that all of the rights, title and interest in and to the Patents sold, transferred, assigned and set over to Assignee hereunder include all income, royalties, damages and payments now or hereafter due or payable with respect thereto, and all causes of action (whether in law or equity) and the right to sue, counterclaim, and recover for the past, present and future infringement of the rights assigned or to be assigned hereunder.

7. Assignor hereby consents that a copy of this Agreement shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document that may be required in any country for any purpose and more particularly in proof of the right of Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

IN WITNESS WHEREOF, the Parties have executed this Assignment on the Effective Date written at Taipei, Taiwan.

Assignor: **MITAC INTERNATIONAL CORPORATION**

By: *Mulling Lee*
Name: Mulling Lee
Title: Senior Director

Assignee: **DIDI (HK) SCIENCE TECHNOLOGY LIMITED**

By: *Pei Chen*
Name: Pei Chen
Title: Legal Director



EXHIBIT 1

TO ASSIGNMENT AGREEMENT

Title	Patent Number	Issue Date
Navigation system with all character support	US 6256029	2001/7/3
Navigation system character input device	US 6765554	2004/7/20
Navigation system character input device	US 6037942	2000/3/14
Autoscaling of recommended route	US 6574551	2003/6/3
Navigation system with user interface	US 6873907	2005/3/29
Vehicle navigation system with improved powerup performance	US 6052646	2000/4/18
Vehicle navigation system with improved powerup performance	US 6055479	2000/4/25
Vehicle navigation system with improved powerup performance	US 6059843	2000/5/9
Vehicle navigation system with improved powerup performance	US 6282495	2001/8/28
Navigation system with road condition sampling	US 6484089	2002/11/19
Calibration of multi-axis accelerometer in vehicle navigation system	US 6532419	2003/3/11
Navigation system vehicle location display	US 6049755	2000/4/11
Navigation system with predetermined indication of next maneuver	US 6078864	2000/6/20
Navigation system using position network for map matching	US 6108603	2000/8/22
Navigation system map panning directional indicator	US 6175801	2001/1/16
Navigation system with a route exclusion list system	US 6362751	2002/3/26
Navigation system with unique audio tones for maneuver notification	US 6363322	2002/3/26
Multiple configurations for a vehicle navigation system	US 6385542	2002/5/7
Navigation system with complex maneuver instruction	US 6397145	2002/5/28
Navigation system with zoomed maneuver instruction	US 6529822	2003/3/4
Vehicle speed sensor for navigation system	US 7075439	2006/7/11
Method of triggering the transmission of data from a mobile asset	US 7142979	2006/11/28
Selective rendering of cartographic entities for a navigation system	US 7170518	2007/1/30
Method for automatically executing navigation software	US 7286932	2007/10/23
Navigation system with route indicators	US 6430501	2002/8/6
Navigation system with run-time training instruction	US 6711499	2004/3/23
Navigation system with figure of merit determination	US 6741928	2004/5/25
Display data	US 6748323	2004/6/8
Grid mapping utility for a GPS device	US 7031836	2006/4/18

EXHIBIT 2

TO ASSIGNMENT AGREEMENT

Title	Patent Number	Issue Date
ZEICHENEINGABEVORRICHTUNG FÜR NAVIGATIONSSYSTEM	EP-DE 1056988	2004/4/14
APPAREIL D'ENTREE DE CARACTERES POUR SYSTEME DE NAVIGATION	EP-FR 1056988	2004/4/14
AUTOSKALIERUNG EINER EMPFOHLENEEN ROUTE	EP-DE 1078224	2003/10/15
MISE A L'ECHELLE AUTOMATIQUE D'UN ITINERAIRE RECOMMANDE	EP-FR 1078224	2003/10/15
NAVIGATIONSSYSTEM MIT BENUTZERSCHNITTSTELLE	EP-DE 1078225	2003/10/22
SYSTEME DE NAVIGATION EQUIPE D'UNE INTERFACE UTILISATEUR	EP-FR 1078225	2003/10/22
FAHRZEUGNAVIGATIONSSYSTEM MIT VERBESSERTEM STROMEINSCHALTBENEHMEN	EP-DE 1071926	2003/9/17
SYSTEME DE NAVIGATION DE VEHICULE POSSEDANT UNE CAPACITE OPTIMISEE DE MISE EN MARCHÉ	EP-FR 1071926	2003/9/17
KALIBRIERUNG EINES MEHRACHSIGEN BESCHLEUNIGUNGSSENSORS IN EINEM FAHRZEUGNAVIGATIONSSYSTEM MITTELS GPS-DATEN	EP-DE 1315945	2010/3/10
ETALONNAGE D'UN ACCELEROMETRE MULTIAXIAL DANS UN SYSTEME DE NAVIGATION D'UN VEHICULE AU MOYEN DE DONNEES GPS	EP-FR 1315945	2010/3/10
Calibration of multi-axis accelerometer in vehicle navigation system using gps data	EP-GB 1315945	2010/3/10
VERFAHREN ZUR ANZEIGE EINER AKTUELLEN FAHRZEUGPOSITION DURCH NAVIGATIONSSYSTEM	EP-DE 1078222	2003/9/17
PROCEDE PERMETTANT L'AFFICHAGE DE LA POSITION ACTUELLE D'UN VEHICULE DANS LE CADRE D'UN SYSTEME DE NAVIGATION	EP-FR 1078222	2003/9/17
NAVIGATIONSSYSTEM ZUR KURSANPASSUNG MIT POSITIONSNETZWERK	EP-DE 1070229	2006/5/31
SYSTEME DE NAVIGATION UTILISANT UN RESEAU DE POSITIONS POUR DETERMINER UNE CORRESPONDANCE DE CARTE	EP-FR 1070229	2006/5/31
Navigation system using position network for map matching	EP-GB 1070229	2006/5/31
RICHTUNGSANZEIGER ZUM SCROLLEN EINER KARTE FÜR EIN NAVIGATIONSSYSTEM	EP-DE 1090273	2012/11/14
Navigation system	EP-GB 1086358	2012/5/9

Title	Patent Number	Issue Date
NAVIGATIONSSYSTEM	EP-DE 1086358	2012/5/9
SYSTEME DE NAVIGATION	EP-FR 1086358	2012/5/9
NAVIGATIONSSYSTEM MIT EINDEUTIGEN, MANÖVER ANKÜNDIGENDEN AUDIOTÖNEN	EP-DE 1254349	2006/11/29
SYSTEME DE NAVIGATION DOTE DE SONS AUDIO UNIQUES ANNONCANT DES MANOEUVRES	EP-FR 1254349	2006/11/29
A navigation system with unique audio tones for maneuver notification	EP-GB 1254349	2006/11/29
MEHRERE KONFIGURATIONEN FÜR EIN FAHRZEUGNAVIGATIONSSYSTEM	EP-DE 1354179	2012/9/26
FAHRZEUGGESCHWINDIGKEITSSENSOR FÜR NAVIGATIONSSYSTEM	EP-DE 1155286	2008/4/9
DETECTEUR DE VITESSE DE VEHICULE POUR SYSTEME DE NAVIGATION	EP-FR 1155286	2008/4/9
Vehicle speed sensor for navigation system	EP-GB 1155286	2008/4/9
VERFAHREN ZUR ÜBERMITTLUNG VON DEN STANDORT BETREFFENDEN DATEN EINES FAHRZEUGS	EP-DE 1292934	2007/10/3
PROCEDE POUR DECLENCHEUR LA TRANSMISSION DES DONNEES DEPUIS UN ELEMENT ACTIF MOBILE	EP-FR 1292934	2007/10/3
A method of transmission of location data from a vehicle	EP-GB 1292934	2007/10/3
自動執行導航軟體之方法	TW-1344610	2011/07/01
SYSTEME DE NAVIGATION AVEC INDICATEURS D'ITINERAIRE	EP-FR 1250566	2006/9/6
Navigation system with route indicators	EP-GB 1250566	2006/9/6
NAVIGATIONSSYSTEM MIT TRAINIERINSTRUKTIONEN WÄHREND DES BETRIEBES	EP-DE 1340045	2013/4/10
VERFAHREN UND EINRICHTUNG ZUM ANZEIGEN TOPOGRAPHISCHER DATEN	EP-DE 1540281	2014/2/26
Method And Device For Displaying Topographical Data	EP-GB 1540281	2014/2/26

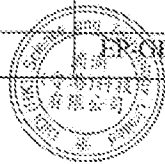


EXHIBIT 3

TO ASSIGNMENT AGREEMENT

Title Application Number Filing Date



EXHIBIT 4

TO ASSIGNMENT AGREEMENT

Title Application Number Filing Date Inventor(s)



EXHIBIT 5

TO ASSIGNMENT AGREEMENT

..... Title Application Number Filing Date



11/11/11
11/11/11
11/11/11
11/11/11

Exhibit B-2

ASSIGNMENT AGREEMENT

October

This Assignment Agreement (the "Agreement") is made and entered into this 19 day of ~~September~~, 2016 (the "Effective Date"), by MITAC International Corporation, a corporation having a principal address of No. 1, R&D 2nd Road, Hsinchu Science Industrial Park, Hsinchu, Taiwan and MITAC Computer (Shunde) Ltd., having its principal office at No. 1, Shunda Road, Lunjiao Street, Foshan 528308, China (MITAC International Corporation and MITAC Computer (Shunde) Ltd. collectively "Assignors") and DiDi (HK) Science and Technology Limited, a corporation having and address at Flat 2, 19/F, Henan Building, 90-92 Jaffe Road, Wanchai, Hong Kong ("Assignee").

RECITALS

A. Assignors are the owner of the following:

Title	Patent Number	Issue Date
自动执行导航软件的方法	CN100582810(ZL200510034280.9)	2010/01/20

which shall be referred to herein as the "Patent".

B. Assignors and Assignee have agreed by way of a patent purchase agreement (the "Purchase Agreement") dated September 8, 2016, by and between Assignors and Assignee, the terms of which are incorporated herein by reference, that Assignors shall sell, transfer, and assign and set over unto Assignee and Assignee shall accept, all rights, title and interest in and to the Patent as specified in this Agreement. In the event of any conflict between the terms of this Patent Assignment Agreement and the referenced Purchase Agreement, the terms of the Purchase Agreement shall prevail.

AGREEMENT

NOW, THEREFORE, in consideration of the foregoing premises, and the covenants and agreements in this Assignment, Assignors and Assignee agree as follows:

8. Assignors do hereby sell, transfer, convey, assign and deliver to Assignee all of Assignors' right, privilege, title and interest (for all countries) that exist today and may exist in the future in, to and under

- a. the Patent and in the case of patent applications in and to any patents that may issue therefrom, including, in all instances, any counterparts of any of the foregoing in any jurisdiction throughout the world, and in ~~any~~ and all divisions, continuations, reissues or reexaminations of ~~any of the~~



foregoing, and, further, all applications for industrial property protection, including without limitation, all applications for patents, utility models, copyright, and designs which may hereafter be filed for any inventions described in said Patent in any country or countries, together with the right to file such applications and the right to claim for the same the priority rights derived from the inventions and the Patent under the laws of the the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, in each instance the same to be held by Assignee for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns and other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made; and

- b. all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patent, including, without limitation, all causes of action and other enforcement rights for all claims for damages, royalties, income or other remuneration (hereinafter "Damages") by reason of past, present and future infringements of the Patent or other rights being assigned hereunder, along with the right to sue for and collect such Damages for the use and benefit of Assignee and its successors, assigns and other legal representatives.

9. Assignors agrees that, whenever reasonably requested by Assignee, Assignors will execute all papers, take all rightful oaths, and do all acts which may be reasonably necessary for securing and maintaining the Patent in any country and for vesting title thereto in Assignee, its successors, assigns and legal representatives or nominees.

10. Assignors authorize and empower Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for the inventions, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, and to invoke and claim such right of priority without further written or oral authorization from Assignors.

11. Assignors hereby acknowledge and agree that all of the rights, title and interest in and to the Patent sold, transferred, assigned and set over to Assignee hereunder include all income, royalties, damages and payments now or hereafter due or payable with respect thereto, and all causes of action (whether in law or equity) and the right to sue, counterclaim, and recover for the past, present and future infringement of the rights assigned or to be assigned hereunder.

12. Assignors hereby consent that a copy of this Agreement shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document that may be



required in any country for any purpose and more particularly in proof of the right of Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

IN WITNESS WHEREOF, the Parties have executed this Assignment on the Effective Date written at Taipei, Taiwan.

Assignor: MiTAC International Corporation

By: [Signature]
Name: Mulling Lee
Title: Senior Director

Assignor: MiTAC Computer (Shunde) Ltd.

By: [Signature]
Name: John Chen
Title: General Manager

Assignee: DIDI(CHK) SCIENCE

By: [Signature]
Name: Pei Chen
Title: Legal Director

