

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM437218

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT OF THE ENTIRE INTEREST AND THE GOODWILL		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Pearl Automation, Inc.		06/23/2017	Corporation: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	DSI Assignments, LLC		
<b>Street Address:</b>	333 South Grand Avenue, Suite 4070		
<b>City:</b>	Los Angeles		
<b>State/Country:</b>	CALIFORNIA		
<b>Postal Code:</b>	90071		
<b>Entity Type:</b>	Limited Liability Company: DELAWARE		
<b>PROPERTY NUMBERS Total: 22</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	5162753	P	
<b>Registration Number:</b>	5162754	P	
<b>Registration Number:</b>	5206158	PEARL	
<b>Registration Number:</b>	5097411	PEARL	
<b>Registration Number:</b>	5206133	PEARL	
<b>Serial Number:</b>	86873143	P	
<b>Serial Number:</b>	86873151	P	
<b>Serial Number:</b>	86873156	P	
<b>Serial Number:</b>	86873157	P	
<b>Serial Number:</b>	86873159	P	
<b>Serial Number:</b>	86873160	P	
<b>Serial Number:</b>	86981212	P	
<b>Serial Number:</b>	86873162	P	
<b>Serial Number:</b>	86873163	P	
<b>Serial Number:</b>	86681861	PEARL	
<b>Serial Number:</b>	86681866	PEARL	
<b>Serial Number:</b>	86681867	PEARL	
<b>Serial Number:</b>	86681873	PEARL	
<b>Serial Number:</b>	86681879	PEARL	

OP \$565.00 5162753

Property Type	Number	Word Mark
Serial Number:	86681882	PEARL
Serial Number:	86681886	PEARL
Serial Number:	86681887	PEARL

**CORRESPONDENCE DATA**

**Fax Number:** 7147558290

*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.*

**Email:** ipdocket@lw.com

**Correspondent Name:** Latham & Watkins LLP, c/o Julie Dalke

**Address Line 1:** 650 Town Center Dr, 20th fl.

**Address Line 4:** Costa Mesa, CALIFORNIA 92626

<b>ATTORNEY DOCKET NUMBER:</b>	054765-0006
<b>NAME OF SUBMITTER:</b>	Adam Kummins
<b>SIGNATURE:</b>	/Adam Kummins/
<b>DATE SIGNED:</b>	07/31/2017

**Total Attachments: 27**

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## INTELLECTUAL PROPERTY ASSIGNMENT

Pearl Automation Inc., a Delaware corporation ("**Transferor**"), and DSI Assignments, LLC, a Delaware limited liability company, solely as Assignee for the Benefit of Creditors of Transferor ("**Transferee**") pursuant to that certain General Assignment (as defined below) between Transferor and Transferee, agree as follows:

WHEREAS, Transferor has adopted, used or is using certain trademarks or service marks as set forth on the attached **Exhibit A** (collectively, the "**Trademarks**"), in conjunction with Transferor's business, together with the goodwill symbolized thereby; and

WHEREAS, Transferor has owned, developed or acquired in conjunction with its business the following patent and related rights (collectively, the "**Patent Rights**"): (a) the patents (each, a "**Patent**" and collectively, the "**Patents**") and patent applications and other filings (each, a "**Patent Application**" and collectively, the "**Patent Applications**") as set forth on the attached **Exhibit B** and the inventions disclosed and claimed therein; (b) all rights to apply in any and all countries of the world for patents, certificates of invention, utility models, or other governmental grants of rights with respect to any Patent, Patent Application or invention disclosed and claimed therein, including the right to apply for patents pursuant to any convention, treaty, agreement or understanding; and (c) each resulting patent, patent application, and other governmental grant of rights issued on or relating to any Patent or Patent Application, including each related provisional, continuation, continuation-in-part, divisional, reexamination, reissue, extension, or substitute of any of the foregoing in any jurisdiction anywhere in the world. (For purposes herein, "related" means, with respect to any patent, patent application, or other governmental grant of rights, that such patent, patent application, or other governmental grant of rights is entitled to claim the benefit of priority from or relating to a Patent or a Patent Application, or that a Patent or Patent Application is entitled to claim and benefit of priority from such patent, patent application, or other governmental grant of rights); and

WHEREAS, Transferor has owned, developed or acquired certain foreign and domestic works, copyrights, copyright registrations and applications for registration, as well as all other related ownership interests, as set forth on the attached **Exhibit C** (collectively, the "**Copyrights**" and, together with the Trademarks and the Patent Rights, the "**Intellectual Property**"); and

WHEREAS, simultaneously herewith, Transferor initiated an assignment for the benefit of creditors (the "**ABC**") pursuant to which it assigned and transferred all of its assets and property (the "**Assets**") to Transferee pursuant to that certain General Assignment for the Benefit of Creditors executed by Transferor and Transferee (the "**General Assignment**").

NOW, THEREFORE, in consideration of the foregoing and the covenants and agreements contained herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto, intending to be legally bound, agree as follows:

1. Assignment of Trademarks. Transferor hereby conveys, assigns, transfers and sets over unto Transferee all of Transferor's right, title and interest in and to the Trademarks,

together with the goodwill symbolized thereby, together with all applications and/or registrations thereof, together with a right to sue for and collect on all claims for damages by reason of past, present or future infringement of the Trademarks.

2. Assignment of Patent Rights. Transferor hereby conveys, assigns, transfers and sets over unto Transferee all of Transferor's right, title and interest in and to (a) the Patent Rights; (b) all accrued causes of action and all rights but not the obligation to sue and recover damages, for future and past infringements of the Patent Rights; and (c) all counterparts to the Patent Rights that have been or may be filed outside the United States or under the Patent Cooperation Treaty, whether pursued as a patent, an inventor's certificate, a utility model or the like, including all rights of priority based on the Patent Rights, further including all continuation, continuation-in-part and divisional applications based in whole or in part on the non-U.S. counterparts, and still further including all patents, inventor's certificates, utility models, reissues and extensions resulting from any of the non-U.S. counterparts. Transferor also hereby grants to Transferee the sole and exclusive right to prosecute, defend, maintain and/or enforce the Patent Rights and all related applications as described immediately above, as well as any opposition proceedings, reissue applications, reexaminations, and nullity or invalidity proceedings. Transferor authorizes all governmental bodies having the power to issue patents, inventor's certificates or utility models to issue a patent, inventor's certificate or utility model based on the Patent Rights or any related applications as described immediately above in the name of Transferee.

3. Assignment of Copyrights. Transferor hereby conveys, assigns, transfers and sets over unto Transferee all of Transferor's right, title and interest in and to the Copyrights throughout the world, including, without limitation, (i) all rights, interests, claims and demands, recoverable at law or in equity, that Transferor has or may have in royalties, proceeds, profits and damages for past, present and future infringements of the Copyrights, including, without limitation, the right to compromise, sue for and collect said royalties, proceeds, profits and damages, (ii) all rights to apply for copyright or other protection for existing copyrights, renewals and extensions, (iii) all rights to print, to publish, to reproduce, to prepare derivative works, to distribute copies of the Copyrights by license or sale, rental, lease, lending or other transfer of ownership, to publicly perform and to publicly display the Copyrights in all countries of the world, including, without limitation, the United States and all of its territories and possessions. All rights in and to the Copyrights and all derivative works granted to an author under the copyright laws of the United States, foreign countries, and international copyright conventions and the right to grant these rights or any part of them to third parties are hereby assigned by Transferor to Transferee.

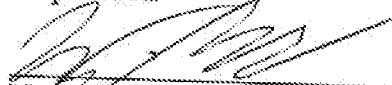
4. Filing of Assignment. Transferor hereby appoints Transferee or its successors and assigns to file and record this instrument with the United States Patent and Trademark Office and/or the United States Copyright Office.

**[Signature Pages Follows]**

Dated: June \_\_, 2017

**TRANSFEROR:**

Pearl Automation Inc., a Delaware corporation

  
Name: W. Bryson Gardner, Jr.  
Title: CEO

STATE OF CALIFORNIA

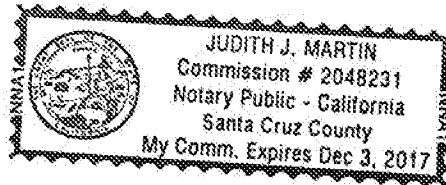
COUNTY OF SANTA CRUZ

On this 25 day of June, 2017, before me personally appeared William Bryson Gardner, Jr., to me known to be an authorized representative of Transferor described in and who executed the foregoing instrument, and acknowledged that he/she executed the same as his/her free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

  
Notary Public

My Commission Expires: 12/3/17



**CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT**

A Notary Public or other Officer completing this certificate verifies only the identity of the individual who signed the document, to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

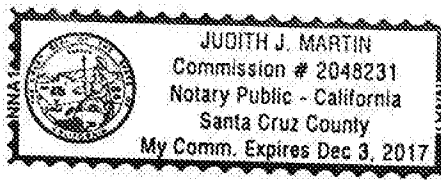
STATE OF CALIFORNIA }  
COUNTY OF SANTA CRUZ } ss.

On June 23, 2017 before me, Judith J. Martin, a Notary Public, personally appeared William Bryson Gardner, Jr who proved on the basis of satisfactory evidence to be the person(s) whose name(s) is/are attached to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies) and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the forgoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Judith J. Martin



This area for official notarial seal.

**OPTIONAL**

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.*

**DESCRIPTION OF ATTACHED DOCUMENT**

Title or Type of Document: Intellectual Property Assignment

Document Date: June 23, 2017 Number of Pages: 26

Dated: June \_\_, 2017

**TRANSFeree:**

DSI Assignments, LLC, solely in its capacity as Assignee for the benefit of creditors of Pearl Automation Inc.

By: \_\_\_\_\_  
Name: Geoffrey L. Berman  
Title: Senior Managing Director  
Development Specialists, Inc., sole and  
Managing Member of DSI Assignments,  
LLC

STATE OF CALIFORNIA

COUNTY OF \_\_\_\_\_

On this \_\_\_\_\_ day of J, 2017, before me personally appeared Geoffrey L. Berman, to me known to be an authorized representative of Transferee described in and who executed the foregoing instrument, and acknowledged that he/she executed the same as his/her free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

\_\_\_\_\_  
Notary Public

My Commission Expires:

EXHIBIT A

(TRADEMARKS)

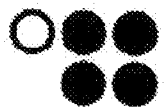
Any and all registered and unregistered trademarks and service marks of Transferor, including without limitation, the following:

See attached.



Trademark Status Report  
 Pearl Automation Inc. (054765-0006)  
 June 12, 2017

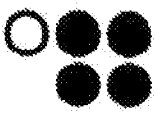
Trademark Registrations

Country	Trademark	Reg. No. Reg. Date	Description of Services	Status
EU		14967939 6/28/16	<p>vehicle safety equipment, namely, back-up sensors and cameras; rearview cameras for vehicles; dashboard cameras; motion-activated cameras; radar object detectors for use on vehicles; ultrasonic object detectors for use on vehicles; safety and driving assistant system for mobile vehicles and vessels comprised of electronic proximity sensors and switches; high-resolution cameras, integrated circuits for the purpose of imaging processing, and display monitors; day and night vision systems primarily comprising day and night sensors, day and night cameras, power sources, communication means, monitors and operating software; electronic apparatus, namely, motion detectors; electronic hubs for connecting electronic devices in an automobile; adjustable smartphone and PC tablet stabilizers and mounts; mounting devices for cameras and monitors; camera mounts and supports; access control and alarm monitoring systems; alarm installations and alarms; audio equipment for vehicles, namely, stereos, speakers, amplifiers, equalizers, crossovers and speaker housings; augmented reality software for use in mobile devices for integrating electronic data with real world environments for the purpose of operating a vehicle; camera hardware systems for IP (Internet protocol) video surveillance; computer hardware for IP video surveillance; digital video recording software for IP (Internet protocol) video surveillance; apparatus for recording, transmission, processing and reproduction of sound, images or data; GPS tracking devices; electronic navigational and positioning apparatus and instruments; devices for hands-free use of mobile phones; vehicle safety equipment, namely, an on-board vehicular surveillance system comprised of cameras and monitors for exposing and eliminating the blind spots on both sides of the vehicle; vehicle detection equipment, namely, display monitors, computers, image sensors, video cameras, and operating system and application software to detect vehicle location; sensors and detector units for use in controlling the actuation and operation of automotive safety apparatus and equipment; remote control starters for vehicles; vehicle safety equipment, namely, electronic deer alerts; mobile hotspot devices; vehicle camera mount in Class 9</p>	Registered. Renewal due 12/30/2025

TRADEMARK

**Trademark Status Report**  
**Pearl Automation Inc. (054765-0006)**  
**June 12, 2017**

**Trademark Registrations**

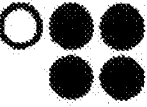
Country	Trademark	Reg. No. Reg. Date	Description of Services	Status
Korea	PEARL	401224188 12/29/16	back-up warning alarms for vehicles; motor vehicle back-up beepers; license plate fasteners; license plate frames; license plate holders; novelty license plate frames; novelty license plate holders; anti theft devices for vehicles; rearview mirrors; vehicle-mounted motor vehicle crash attenuators in Class 12  emergency roadside assistance services; namely, towing, winch-out and key delivery services; travel route planning; management of vehicular traffic flow through advanced communications network and technology; providing road and traffic information; vehicle parking in Class 39  emergency roadside assistance services; namely, opening of locks; vehicle and driver telematic services in the nature of providing information concerning safety risks on driver behavior to consumers and automobile insurance companies in Class 45  alarm installations; alarms; vehicle safety equipment; namely, electronic deer alerting system in Class 9	Registered. Renewal due 12/29/2026
Korea	PEARL	41393961 4/10/17	providing traffic information through advanced communications network and technology; providing road and traffic information in Class 39	Registered. Renewal due 4/10/2027
US		5162753 3/14/17	vehicle safety equipment; namely, back-up sensors and cameras; rearview cameras for vehicles; dashboard cameras; motion-activated cameras; radar object detectors for use on vehicles; ultrasonic object detectors for use on vehicles; safety and driving assistant system for mobile vehicles and vessels comprised of electronic proximity sensors and switches; high-resolution cameras; integrated circuits for the purpose of imaging processing; and display monitors; day and night vision systems primarily comprising day and night sensors, day and night cameras, power sources, communication means, monitors and operating software; electronic apparatus, namely, motion detectors; electronic hubs for connecting electronic devices in an automobile; adjustable smartphone and PC tablet stabilizers and mounts; mounting devices for cameras and monitors; camera mounts and supports; augmented reality software for use in mobile	Registered. Declaration of Use due 3/14/2023

TRADEMARK

REEL: 006119 FRAME: 0747

Trademark Status Report  
 Pearl Automation Inc. (054765-0006)  
 June 12, 2017

Trademark Registrations

Country	Trademark	Reg. No. Reg. Date	Description of Services	Status
US		5162754 3/14/17	devices for integrating electronic data with real world environments for the purpose of operating a vehicle; camera hardware systems for IP (Internet protocol) video surveillance; computer hardware for IP video surveillance; digital video recording software for IP (Internet protocol) video surveillance; apparatus for recording, transmission, processing and reproduction of sound, images or data; devices for hands-free use of mobile phones; vehicle safety equipment, namely, an on-board vehicular surveillance system comprised of cameras and monitors for exposing and eliminating the blind spots on both sides of the vehicle; vehicle detection equipment, namely, display monitors, computers, image sensors, video cameras, and operating system and application software to detect vehicle location; sensors and detector units for use in controlling the actuation and operation of automotive safety apparatus and equipment in Class 9	Registered. Declaration of Use due 3/14/2023
US	PEARL	5206158 5/16/17	vehicle safety equipment, namely, back-up sensors and cameras; rearview cameras for vehicles; radar object detectors for use on vehicles; ultrasonic object detectors for use on vehicles; safety and driving assistant system for mobile vehicles and vessels comprised of electronic proximity sensors and switches, high-resolution cameras, integrated circuits for the purpose of imaging processing, and display monitors; day and night vision systems primarily comprising day and night sensors, day and night cameras, power sources, communication means, monitors and operating software; electronic apparatus, namely, motion detectors; electronic hubs for connecting electronic devices in an automobile; adjustable smartphone and pc tablet stabilizers and mounts; mounting devices for cameras and monitors; camera mounts and supports; augmented	Registered. Declaration of Use due 5/16/2023

Trademark Status Report  
 Pearl Automation Inc. (054765-0000)  
 June 12, 2017

Trademark Registrations

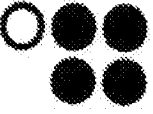
Country	Trademark	Reg. No. Reg. Date	Description of Services	Status
US	PEARL	5097411 12/6/16	reality software for use in mobile devices for integrating electronic data with real world environments for the purpose of operating a vehicle; devices for hands-free use of mobile phones; vehicle safety equipment, namely: an on-board vehicular surveillance system comprised of cameras and monitors for exposing and eliminating the blind spots on both sides of the vehicle; vehicle detection equipment, namely: display monitors, computers, image sensors, video cameras, and operating system and application software to detect vehicle location; sensors and detector units for use in controlling the actuation and operation of automotive safety apparatus and equipment in Class 9	Registered. Declaration of Use due 12/6/2022
US	PEARL	5206133 5/16/17	back-up warning alarms for vehicles; motor vehicle back-up beepers; license plate fasteners; license plate frames; license plate holders; vehicle camera mount in Class 12  processing of video data, namely, interpreting video content and identifying segments that contain predefined key events in Class 42	Registered. Declaration of Use due 5/16/2023

TRADEMARK

REEL: 006119 FRAME: 0749

Trademark Status Report  
 Pearl Automation Inc. (054765-0006)  
 June 12, 2017

Pending Trademark Applications

Country	Trademark	App. No. Filing Date	Description of Services	Status
Canada		1761604 12/30/15	<p>vehicle safety equipment, namely, back-up sensors and cameras; rearview cameras for vehicles; dashboard cameras; motion-activated cameras; radar object detectors for use on vehicles; ultrasonic object detectors for use on vehicles; safety and driving assistant system for mobile vehicles and vessels namely, electronic proximity sensors and switches, high-resolution cameras, integrated circuits for the purpose of imaging processing, and display monitors; day and night vision systems for vehicles namely day and night optical sensors, day and night cameras, power sources, namely electric storage batteries, communication means, namely computer monitors and computer operating software for processing and transmitting visual images; electronic apparatus, namely, motion detectors; electronic hubs for connecting electronic devices in an automobile, namely, electrical power connectors; adjustable smartphone and PC tablet stabilizers and mounts; mounting racks for cameras and computer monitors; camera mounts and supports; access control and alarm monitoring systems for controlling access to vehicles and monitoring vehicle anti-theft alarms; alarm installations and alarms, namely, anti-theft alarms and reversing alarms for vehicles; audio equipment for vehicles, namely, car stereos, speakers, amplifiers, equalizers, crossovers and speaker housings; augmented reality software for use in mobile devices for integrating electronic visual and spatial data with real-time environmental data for the purpose of operating a vehicle; cameras for IP (Internet protocol) video surveillance; computer hardware for IP video surveillance; digital video recording software for IP (Internet protocol) video surveillance; apparatus for recording, transmission, processing and reproduction of sound, images or data, namely, audio-video receivers, computers, computer monitors, keyboards; GPS tracking devices, namely global positioning (GPS) receivers, transmitters and network interface devices; electronic navigational and positioning apparatus and instruments, namely, global positioning system consisting of computers, computer software, mobile telephones, transmitters, receivers, and network interface devices; devices for hands-free use of mobile phones, namely, headphones, earphones, and wireless audio signal transmitters; vehicle safety equipment, namely, an on-board vehicular surveillance system namely, cameras and monitors for exposing and eliminating the blind spots on both sides of the vehicle; vehicle detection equipment, namely, display monitors, computers, image sensors, video cameras, and operating system and application software to detect vehicle location; proximity and optical sensors for use in controlling the actuation and operation of automotive safety apparatus and equipment remote control starters for vehicles; vehicle safety equipment, namely, electronic sensors for alerting vehicles of the presence of deer; a multifunction electronic device that creates a Wi-Fi hotspot from a cellular or satellite Internet connection in Class 9</p> <p>back-up warning alarms for vehicles; motor vehicle back-up beepers; license plate fasteners; license plate frames; license plate holders; novelty license plate frames; novelty license plate holders; vehicle camera mount; anti-theft devices for vehicles; rearview mirrors; vehicle-mounted motor vehicle crash attenuators in Class 12</p> <p>monitoring roadside information, namely, monitoring traffic and road conditions for business purposes in Class</p>	Pending

TRADEMARK

**Trademark Status Report**  
**Pearl Automation Inc. (054765-0006)**  
 June 12, 2017

**Pending Trademark Applications**

Country	Trademark	App. No. Filing Date	Description of Services	Status
Canada	PEARL	1761603 12/30/15	<p>35                      automobile customization services, namely, customization of vehicle safety and monitoring equipment; automotive maintenance services, namely, automotive upgrading, emergency roadside assistance services, namely, responding to calls for roadside assistance, flat tire changing, emergency fuel supplying, and battery jump starting in Class 37</p> <p>emergency roadside assistance services, namely, towing, winch-out and key delivery services; travel route planning, namely, travel information services and providing driving directions for travel purposes; management of vehicular traffic flow through advanced communications network and technology; providing road and traffic information; vehicle parking, namely, provision of car parking facilities in Class 39</p> <p>vehicle driving instruction in Class 41</p> <p>mapping services; automotive diagnostic services featuring computer software for use by independent automotive repair personnel; processing of video data, namely, interpreting video content and identifying obstacles in the route of the driver to provide alerts in Class 42</p> <p>emergency roadside assistance services, namely, opening of locks; vehicle and driver telematic services in the nature of providing information concerning safety risks on driver behavior to consumers and automobile insurance companies in Class 45</p> <p>vehicle safety equipment, namely, back-up sensors and cameras; rearview cameras for vehicles; dashboard cameras; motion-activated cameras; radar object detectors for use on vehicles; ultrasonic object detectors for use on vehicles; safety and driving assistant system for mobile vehicles and vessels namely, electronic proximity sensors and switches; high-resolution cameras, integrated circuits for the purpose of imaging processing; and display monitors; day and night vision systems for vehicles namely day and night optical sensors, day and night cameras, power sources, namely electric storage batteries, communication means, namely computer monitors and computer operating software for processing and transmitting visual images; electronic apparatus, namely, motion detectors; electronic hubs for connecting electronic devices in an automobile, namely, electrical power connectors; adjustable smartphone and PC tablet stabilizers and mounts; mounting racks for cameras and computer monitors; camera mounts and supports; access control and alarm monitoring systems for controlling access to vehicles and monitoring vehicle anti-theft alarms; alarm installations and alarms, namely, anti-theft alarms and reversing alarms for vehicles; audio equipment for vehicles, namely, car stereo, speakers, amplifiers, equalizers, crossovers and speaker housings; augmented reality software for use in mobile devices for integrating electronic visual and spatial data with real-time environmental data for the purpose of operating a vehicle; cameras for IP (Internet protocol) video surveillance; computer hardware for IP video surveillance; digital video recording software for IP (Internet protocol) video surveillance; apparatus for recording, transmission, processing and reproduction of sound, images or data, namely, audio-video receivers, computers,</p>	Pending

TRADEMARK

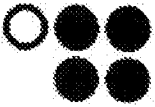
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**Pending Trademark Applications**

Country	Trademark	App. No. Filing Date	Description of Services	Status
			<p>computer monitors, keyboards; GPS tracking devices, namely global positioning (GPS) receivers, transmitters and network interface devices; electronic navigational and positioning apparatus and instruments, namely, global positioning system consisting of computers, computer software, mobile telephones, transmitters, receivers, and network interface devices; devices for hands-free use of mobile phones, namely, headphones, earphones, and wireless audio signal transmitters; vehicle safety equipment, namely, an on-board vehicular surveillance system namely, cameras and monitors for exposing and eliminating the blind spots on both sides of the vehicle; vehicle detection equipment, namely, display monitors, computers, image sensors, video cameras, and operating system and application software to detect vehicle location, proximity and optical sensors for use in controlling the actuation and operation of automotive safety apparatus and equipment remote control starters for vehicles; vehicle safety equipment, namely, electronic sensors for alerting vehicles of the presence of deer; a multifunction electronic device that creates a Wi-Fi hotspot from a cellular or satellite Internet connection in Class 9</p> <p>back-up warning alarms for vehicles; motor vehicle back-up beepers; license plate fasteners; license plate frames; license plate holders; novelty license plate frames; novelty license plate holders; vehicle camera mount; anti theft devices for vehicles; rearview mirrors; vehicle-mounted motor vehicle crash attenuators in Class 12</p> <p>monitoring roadside information, namely, monitoring traffic and road conditions for business purposes in Class 35</p> <p>automobile customization services, namely, customization of vehicle safety and monitoring equipment; automotive maintenance services, namely, automotive upgrading; emergency roadside assistance services, namely, responding to calls for roadside assistance, flat tire changing, emergency fuel supplying, and battery jump starting in Class 37</p> <p>emergency roadside assistance services, namely, towing, winch-out and key delivery services; travel route planning, namely, travel information services and providing driving directions for travel purposes; management of vehicular traffic flow through advanced communications network and technology; providing road and traffic information; vehicle parking, namely, provision of car parking facilities in Class 39</p> <p>vehicle driving instruction in Class 41</p> <p>mapping services; automotive diagnostic services featuring computer software for use by independent automotive repair personnel; processing of video data, namely, interpreting video content and identifying obstacles in the route of the driver to provide alerts in Class 42</p> <p>emergency roadside assistance services, namely, opening of jacks; vehicle and driver telematic services in the nature of providing information concerning safety risks on driver behavior to consumers and automobile insurance companies in Class 45</p>	

Trademark Status Report  
 Pearl Automation Inc. (054765-0006)  
 June 12, 2017

Pending Trademark Applications

Country	Trademark	App. No. Filing Date	Description of Services	Status
China		18783395 1/4/16	<p>dashboard cameras; motion-activated cameras; radar object detectors for use on vehicles; ultrasonic object detectors for use on vehicles; augmented reality software for use in mobile devices for integrating electronic data with real world environments for the purpose of operating a vehicle; computer hardware for IP video surveillance; digital video recording software for IP (Internet protocol) video surveillance; GPS tracking devices; electronic navigational and positioning apparatus and instruments; devices for hands-free use of mobile phones; remote control starters for vehicles; whistle alarms; alarms; theft prevention installations; electric; monitoring apparatus; electric; video monitors; monitors [computer hardware]; monitors [computer programs]; electrical and electronics video surveillance equipment; detectors; sensors; movement detectors; distance measuring apparatus; distance recording apparatus; automotive electronic control unit; radio monitor for sound and signal reproduction; intercommunication apparatus; vehicle radios; computer software [recorded]; computer programs [downloadable software]; computer software applications; downloadable; computers; computer operating programs; recorded; video screens; remote control apparatus; precision measuring apparatus; measuring instruments; optical frequency measuring device; photometers; infrared detection device; power supplies; batteries; electric; for vehicles; loudspeakers; cabinets for loudspeakers; surround speakers; audio speaker enclosures; amplifiers; megaphones; acoustic couplers; acoustic coupling apparatus; audio mixer with integrated amplifier; pickups; reverberators; car cassette player; personal stereos; camcorders; car video recorder; video recorders; hands-free for mobile phone; computer peripheral devices; stands for photographic apparatus; tripods for cameras; sound recording carriers; sound recording strips; sound recording apparatus; sound transmitting apparatus; sound reproduction apparatus; data processing apparatus; magnetic data media; optical data media; readers [data processing equipment]; scanners [data processing equipment]; cinematographic cameras; cameras [photography]; network communications apparatus; transmitters of electronic signals; transmitting sets [telecommunication]; transmitters [telecommunications]; modems; internal modems; demodulators; transponders; digital signal processors; navigation apparatus for vehicles [on-board computers]; speed checking apparatus for vehicles; steering apparatus; automatic, for vehicles; Global Positioning System [GPS] apparatus; integrated circuits; connectors [electricity]; wire connectors [electricity]; junction boxes [electricity]; plugs; sockets and other contacts [electric connections]; distribution consoles [electricity]; control panels [electricity]; connections for electric lines; connections; electric; couplings; electric; branch boxes [electricity]; terminals [electricity]; electrical adapters; voltage regulators for vehicles in Class 9</p>	Published

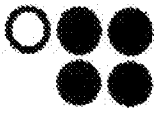
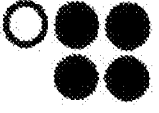
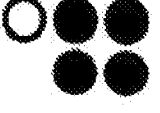
TRADEMARK

REEL: 006119 FRAME: 0753



Trademark Status Report  
 Pearl Automation Inc. (054765-0006)  
 June 12, 2017

Pending Trademark Applications

Country	Trademark	App. No. Filing Date	Description of Services	Status
China		18783394 1/4/16	back-up warning alarms for vehicles; motor vehicle back-up beepers; license plate holders; novelty license plate holders; anti theft devices for vehicles; rearview mirrors; shock absorbers for automobiles; bumpers for automobiles; vehicle bumpers in Class 12	Published
China		18783393 1/4/16	providing road and traffic information; vehicle parking; vehicle breakdown towing services; towing; emergency vehicle traction; providing driving directions for travel purposes; providing travel information; arranging of tours; transport services for sightseeing tours; traffic information; piloting; GPS navigation services; transport; transportation information in Class 39	Published
China		18783392 1/4/16	opening of security locks; security consultancy; monitoring of burglar and security alarms in Class 45	Published

TRADEMARK

REEL: 006119 FRAME: 0754

Trademark Status Report  
 Pearl Automation Inc. (054765-0086)  
 June 12, 2017

Pending Trademark Applications

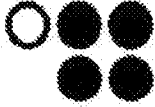
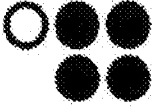
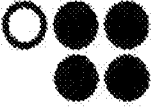
Country	Trademark	App. No. Filing Date	Description of Services	Status
China	PEARL	18783398 1/4/16	dashboard cameras; motion-activated cameras; radar object detectors for use on vehicles; ultrasonic object detectors for use on vehicles; augmented reality software for use in mobile devices for integrating electronic data with real world environments for the purpose of operating a vehicle; computer hardware for IP video surveillance; digital video recording software for IP (Internet protocol) video surveillance; GPS tracking devices; electronic navigational and positioning apparatus and instruments; devices for hands-free use of mobile phones; remote control starters for vehicles; monitoring apparatus; electric; video monitors; monitors [computer hardware]; monitors [computer programs]; electrical and electronics video surveillance equipment; detectors; sensors; movement detectors; distance measuring apparatus; distance recording apparatus; automotive electronic control unit; radio monitor for sound and signal reproduction; intercommunication apparatus; vehicle radios; computer software [recorded]; computer programs [downloadable software]; computer software applications, downloadable; computers; computer operating programs, recorded; video screens; remote control apparatus; optical frequency measuring device; infrared detection device; power supplies; loudspeakers; cabinets for loudspeakers; surround speakers; audio speaker enclosures; megaphones; acoustic couplers; acoustic coupling apparatus; audio mixer; audio mixer with integrated amplifier; pickups; reverberators; car cassette player; personal stereos; camcorders; car video recorder; video recorders; hands-free for mobile phone; computer peripheral devices; sound recording carriers; sound recording strips; sound recording apparatus; sound transmitting apparatus; sound reproduction apparatus; data processing apparatus; magnetic data media; optical data media; readers [data processing equipment]; scanners [data processing equipment]; network communications apparatus; transmitters of electronic signals; transmitting sets [telecommunication]; transmitters [telecommunications]; modems; internal modems; demodulators; transponders; digital signal processors; navigation apparatus for vehicles [on-board computers]; speed checking apparatus for vehicles; steering apparatus, automatic; for vehicles; Global Positioning System [GPS] apparatus; connectors [electricity]; wire connectors [electricity]; junction boxes [electricity]; plugs, sockets and other contacts [electric connections]; distribution consoles [electricity]; control panels [electricity]; connections for electric lines; connections, electric; couplings, electric; branch boxes [electricity]; terminals [electricity]; electrical adapters; voltage regulators for vehicles in Class 9	Pending
China	PEARL	18783399 1/4/16	back-up warning alarms for vehicles; motor vehicle back-up beepers; license plate holders; anti theft devices for vehicles; rearview mirrors in Class 12	Pending
China	PEARL	18783397 1/4/16	vehicle parking; vehicle breakdown towing services; towing; emergency vehicle traction; providing driving directions for travel purposes; providing travel information; arranging of tours; trip/lotting; GPS navigation service in Class 39	Published

TRADEMARK

REEL: 006119 FRAME: 0755

Trademark Status Report  
 Pearl Automation Inc. (054765-0006)  
 June 12, 2017

Pending Trademark Applications

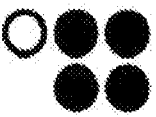
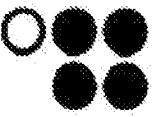
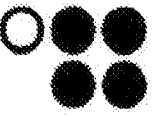
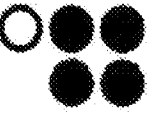
Country	Trademark	App. No. Filing Date	Description of Services	Status
China	PEARL	18783396 1/4/16	opening of security locks; security consultancy; monitoring of burglar and security alarms in Class 45	Pending
US		86/873143 1/12/16	access control and alarm monitoring systems; alarm installations and alarms; audio equipment for vehicles; namely, stereos, speakers, amplifiers, equalizers, crossovers and speaker housings; GPS tracking devices; electronic navigational and positioning apparatus and instruments; remote control starters for vehicles; mobile hotspot devices in Class 9	Allowed Statement of Use due by 11/8/17
US		86/873151 1/12/16	antitheft devices for vehicles; rearview mirrors; vehicle-mounted motor vehicle crash attenuators in Class 12	Allowed Statement of Use due by 11/8/17
US		86/873156 1/12/16	monitoring roadside information for business purposes in Class 35	Allowed Statement of Use due by 11/8/17

TRADEMARK

REEL: 006119 FRAME: 0756

Trademark Status Report  
 Pearl Automation Inc. (054765-0006)  
 June 12, 2017

Pending Trademark Applications

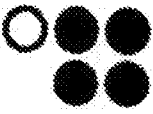
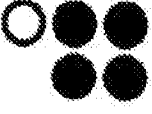
Country	Trademark	App. No. Filing Date	Description of Services	Status
US		86/873157 1/12/16	automobile customization services; automotive maintenance services; namely, automotive upgrading; emergency roadside assistance services; namely, responding to calls for roadside assistance, flat tire changing; emergency fuel supplying; and battery jump starting in Class 37	Allowed Statement of Use due by 11/8/17
US		86/873159 1/12/16	emergency roadside assistance services; namely, towing, winch-out and key delivery services; travel route planning; management of vehicular traffic flow through advanced communications network and technology; providing road and traffic information; vehicle parking in Class 39	Allowed Statement of Use due by 11/8/17
US		86/873160 1/12/16	vehicle driving instruction in Class 41	Allowed Statement of Use due by 11/8/17
US		86/981212 1/12/16	processing of video data, namely, interpreting video content and identifying segments that contain predefined key events in Class 42	Allowed office action response due by 10/11/17

TRADEMARK

REEL: 006119 FRAME: 0757

**Trademark Status Report**  
**Pearl Automation Inc. (054765-0006)**  
 June 12, 2017

**Pending Trademark Applications**

Country	Trademark	App. No. Filing Date	Description of Services	Status
US		86/873162 1/12/16	mapping services; automotive diagnostic services featuring computer software for use by independent automotive repair personnel in Class 42	Allowed Statement of Use due by 11/8/17
US		86/873163 1/12/16	emergency roadside assistance services, namely, opening of locks; vehicle and driver telematic services in the nature of providing information concerning safety risks on driver behavior to consumers and automobile insurance companies in Class 45	Allowed Statement of Use due by 11/8/17
US	<b>PEARL</b>	86/681861 7/2/15	audio equipment for vehicles, namely, stereos, speakers, amplifiers, equalizers, crossovers and speaker housings; GPS tracking devices; electronic navigational and positioning apparatus and instruments; remote control starters for vehicles in Class 9	Allowed Statement Of Use due by 3/14/18
US	<b>PEARL</b>	86/681866 7/2/15	novelty license plate frames; novelty license plate holders; anti-theft devices for vehicles; rearview mirrors; vehicle-mounted motor vehicle crash attenuators in Class 12	Allowed Statement Of Use due by 7/12/17
US	<b>PEARL</b>	86/681867 7/2/15	monitoring roadside information for business purposes in Class 35	Allowed Statement Of Use due by 7/12/17

**TRADEMARK**

Trademark Status Report  
 Pearl Automation Inc. (054765-0006)  
 June 12, 2017

Pending Trademark Applications

Country	Trademark	App. No. Filing Date	Description of Services	Status
US	PEARL	86/681873 7/2/15	automobile customization services; automotive maintenance services, namely, automotive upgrading; emergency roadside assistance services, namely, responding to calls for roadside assistance, flat tire changing, emergency fuel supplying, and battery jump starting in Class 37	Allowed Statement Of Use due by 7/19/17
US	PEARL	86/681879 7/2/15	emergency roadside assistance services, namely, towing, winch-out and key delivery services; travel route planning; management of vehicular traffic flow through advanced communications network and technology; providing road and traffic information; vehicle parking in Class 39	Allowed Statement Of Use due by 7/19/17
US	PEARL	86/681882 7/2/15	vehicle driving instruction in Class 41	Allowed Statement Of Use due by 7/19/17
US	PEARL	86/681886 7/2/15	mapping services; automotive diagnostic services featuring computer software for use by independent automotive repair personnel in Class 42	Allowed Statement Of Use due by 7/19/17
US	PEARL	86/681887 7/2/15	emergency roadside assistance services, namely, opening of locks; vehicle and driver telematic services in the nature of providing information concerning safety risks on driver behavior to consumers and automobile insurance companies in Class 45	Allowed Statement Of Use due by 7/19/17

TRADEMARK

REEL: 006119 FRAME: 0759

**EXHIBIT B**

**(PATENT RIGHTS)**

Any and all patents and patent applications of Transferor, including without limitation, the following:

See attached.

Pearl Automation  
Patent Spreadsheet

Docket Number	Type	Filing Date	Application Number	Publication Number	Status
Dox (RSM)	US	20-Jul-16	297966594	n/a	AMDt due JUL 2017
	US2				File when US allowed
	CN	7-Dec-16	2016306375443	n/a	Grant Fees paid - awaiting patent number
Dox (Mount)	US	20-Jul-16	297968658	n/a	6 Mos to OAI
	US2				File when US allowed
	CN	7-Dec-16	2016306874734	n/a	Awaiting Examination
	EP	18-Nov-16	3474634	3464634	Issued
Fot (Wireless Infrastructure)	PRV	4-May-16	627565411	n/a	Advanced
	PRV2	6-Sep-16	627565408	n/a	Advanced
	US	4-May-16	15746705	2016-0326866	AMDt due SEP 2017
	US2				File when US allowed
	PCT	4-May-16	PCT/US16/30811	TBD	File Nat'l Stage ECT 2017 [EP, CN]
Fos (RSM + Hub hardware)	PRV	6-Sep-16	627565082	n/a	Advanced
	PRV2	17-Jul-16	627565847	n/a	Advanced
	US	8-Sep-16	157864543	2017-0080861	Awaiting response to AMDt
	PCT	8-Sep-16	PCT/US16/30858	TBD	File Nat'l Stage FEB 2018 [EP, CN]
Fog (Continual warning profiles)	PRV	14-Sep-16	627565212	n/a	Advanced
	PRV2	17-Jul-16	627565853	n/a	Advanced
	US	14-Sep-16	157865246	2017-0072830	AMDt due AUG 2017

2017Q3	2017Q4	2018Q1	2018Q2
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		\$4,000	
		\$1,000	
		\$4,000	
\$6,700		\$1,000	
		\$6,000	
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\$6,700		\$6,000	

2018Q3	2018Q4
\$1,000	





Pearl Automation  
Patent Spreadsheet

Docket Number	Type	Filing Date	Application Number	Publication Number	Status
P11 (In-situ sensor calibration/ guide)	PRV	17-Oct-16	62/400,158	n/a	Pending
	PRV2	1-Nov-16	62/418,083	n/a	Pending
	PRV3	12-Jan-17	62/443,338	n/a	Pending
	US				File APP OCT 2017 Fast Track
	PCT				File PCT OCT 2017
P12 (Path flow)	PRV	9-Nov-16	62/416,637	n/a	Pending
	US				File APP NOV 2017
	PCT				File PCT NOV 2017
P13 (Removable mic)	PRV	13-Apr-17	62/486,011	n/a	Pending
	PRV2				File 2017Q4
	US				File APP APR 2018
	PCT				File PCT APR 2018
P14 (Blind spot sensor fusion)	PRV	13-Apr-17	62/486,017	n/a	Pending
	PRV2				File 2017Q4
	US				File APP APR 2018
	PCT				File PCT APR 2018

2017Q3	2017Q4	2018Q1	2018Q2
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2018Q3	2018Q4



Pearl Automation  
Patent Spreadsheet

Docket Number	Type	Filing Date	Application Number	Publication Number	Status	2017Q3		2017Q4		2018Q1		2018Q2	
						2017Q3	2017Q4	2018Q1	2018Q2	2018Q3	2018Q4		
	Domestic					\$51,000	\$105,000	\$23,000	\$190,000	75%	\$1,000	\$7,000	
	Foreign					\$0	\$40,000	\$25,000	\$80,000	32%	\$0	\$0	
	Total					\$51,000	\$145,000	\$48,000	\$270,000	53%	\$1,000	\$7,000	

**EXHIBIT C**

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N/A.