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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		
	Filing Date		2010-04-05
	First Named Inventor	Leigh M. Rothschild	
	Art Unit		
	Examiner Name		
	Attorney Docket Number		LEIGH-4 CON

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Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear		
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	2	6710741		2004-03-23	Tucker			
	3	7117075		2006-10-03	Larschan et al.			
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	1	20040178880		2004-09-16	Meyer et al.			
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	Art Unit		
	Examiner Name		
	Attorney Docket Number	LEIGH-4 CON	

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	Filing Date		2010-04-05
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	Art Unit		
	Examiner Name		
	Attorney Docket Number	LEIGH-4 CON	

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Michael J. Porco/	Date (YYYY-MM-DD)	2010-04-05
Name/Print	Michael J. Porco	Registration Number	46007

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2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal				
Application Number:				
Filing Date:				
Title of Invention:		DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE INFORMATION ON A GPS DEVICE		
First Named Inventor/Applicant Name:		Leigh M. Rothschild		
Filer:		Gerald E. Hespos/Hilda A. Abreu		
Attorney Docket Number:		LEIGH-4 CON		
Filed as Small Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Utility filing Fee (Electronic filing)	4011	1	82	82
Utility Search Fee	2111	1	270	270
Utility Examination Fee	2311	1	110	110
Pages:				
Claims:				
Independent claims in excess of 3	2201	1	110	110
Miscellaneous-Filing:				
Petition:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				572

Electronic Acknowledgement Receipt	
EFS ID:	7348049
Application Number:	12753963
International Application Number:	
Confirmation Number:	5769
Title of Invention:	DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE INFORMATION ON A GPS DEVICE
First Named Inventor/Applicant Name:	Leigh M. Rothschild
Customer Number:	01218
Filer:	Gerald E. Hespos/Hilda A. Abreu
Filer Authorized By:	Gerald E. Hespos
Attorney Docket Number:	LEIGH-4 CON
Receipt Date:	05-APR-2010
Filing Date:	
Time Stamp:	11:57:49
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$ 572
RAM confirmation Number	6637
Deposit Account	031030
Authorized User	HESPOS,GERALD E.
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

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File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Application Data Sheet	sb0014_fill.pdf	1104206	no	4
			d02cf5e39e3b41342117a5e260eed8daadb4125f		
Warnings:					
Information:					
2		Leigh_4_CON.pdf	101198	yes	22
			2c3a0699cf8e471b160dff5589b2cad9cd660d03		
	Multipart Description/PDF files in .zip description				
	Document Description	Start	End		
	Specification	1	15		
	Claims	16	21		
	Abstract	22	22		
Warnings:					
Information:					
3	Drawings-only black and white line drawings	Leigh_4_CON_Drawings.pdf	49570	no	3
			f944415d3d4d74248ac6dfa9858a3202964edf4		
Warnings:					
Information:					
4	Oath or Declaration filed	Declaration.pdf	194220	no	2
			2cfbfb23b4b5203ca09b8e8f3cfd8d769671698		
Warnings:					
Information:					
5	Information Disclosure Statement (IDS) Filed (SB/08)	updated_IDS.pdf	611954	no	4
			38c2b4bf6009854826695596cfba265acac1c2b7		
Warnings:					
Information:					
6	Fee Worksheet (PTO-875)	fee-info.pdf	36521	no	2
			b87b9f4825304ebce1c26dadcb03107965165b6		
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Information:					
Total Files Size (in bytes):			2097669		

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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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New International Application Filed with the USPTO as a Receiving Office

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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	LEIGH-4 CON
		Application Number	
Title of Invention	DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE INFORMATION ON A GPS DEVICE		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Applicant Information:

Applicant 1					Remove	
Applicant Authority		☒ Inventor		☐ Legal Representative under 35 U.S.C. 117		☐ Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name		Suffix	
	Leigh	M.	Rothschild			
Residence Information (Select One)		☒ US Residency ☐ Non US Residency ☐ Active US Military Service				
City	Sunny Isles Beach	State/Province	FL	Country of Residence i	US	
Citizenship under 37 CFR 1.41(b) i		US				
Mailing Address of Applicant:						
Address 1		19333 Collins Avenue				
Address 2		2501				
City	Sunny Isles Beach	State/Province	FL			
Postal Code	33160	Country i	US			
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button.						Add

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Customer Number	01218	
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Application Information:

Title of the Invention	DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE INFORMATION ON A GPS DEVICE		
Attorney Docket Number	LEIGH-4 CON	Small Entity Status Claimed ☒	
Application Type	Nonprovisional		
Subject Matter			
Suggested Class (if any)		Sub Class (if any)	
Suggested Technology Center (if any)			
Total Number of Drawing Sheets (if any)	3	Suggested Figure for Publication (if any)	

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	LEIGH-4 CON
		Application Number	
Title of Invention	DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE INFORMATION ON A GPS DEVICE		

Publication Information:

☐	Request Early Publication (Fee required at time of Request 37 CFR 1.219)
☐	Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

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Please Select One:	☒ Customer Number	☐ US Patent Practitioner	☐ Limited Recognition (37 CFR 11.9)
Customer Number	01218		

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Prior Application Status	Pending	Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	11220233	2005-09-06
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.			Add

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Remove			
Application Number	Country ⁱ	Parent Filing Date (YYYY-MM-DD)	Priority Claimed
			☐ Yes ☒ No
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Assignee Information:

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Assignee 1	Remove

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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	LEIGH-4 CON
		Application Number	
Title of Invention	DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE INFORMATION ON A GPS DEVICE		

If the Assignee is an Organization check here. ☒			
Organization Name	REAGAN INVENTIONS, LLC		
Mailing Address Information:			
Address 1	19333 Collins Avenue		
Address 2	2501		
City	Sunny Isles Beach	State/Province	FL
Country ⁱ	US	Postal Code	33160
Phone Number		Fax Number	
Email Address			
Additional Assignee Data may be generated within this form by selecting the Add button. Add			

Signature:

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.					
Signature	/Michael J. Porco/			Date (YYYY-MM-DD)	2010-04-05
First Name	Michael J.	Last Name	Porco	Registration Number	46007

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7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
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DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE
INFORMATION ON A GPS DEVICE

[0001] PRIORITY

[0002] The present application is a continuation application of U.S. Patent Application Serial No. 11/220,233, filed September 6, 2005, the contents of which are hereby incorporated by reference in their entirety.

[0003] BACKGROUND

[0004] 1. Field.

[0005] The present disclosure relates generally to navigational or positional information systems, and more particularly, to devices, systems and methods for controlling and storing sensitive information on a global positioning system (GPS) device.

[0006] 2. Description of the Related Art

[0007] GPS (Global Positioning System) devices are everywhere. These devices provide a user with such information as latitude and longitude, accurate time, heading, velocity, etc. GPS devices are particularly useful in automobiles and other vehicles. Many individuals have multiple GPS devices if they own, for instance, two cars that both have the device. Conventionally, most devices will allow a user to store information such as address points in the internal memory of the device. Some devices will allow you to store this information on removable memory, e.g., memory cards, optical media, etc. In the latter case, this can be particularly helpful because a list of addresses, for

instance, will be useful to be moved from GPS device (e.g., a first vehicle) to GPS device (e.g., a second vehicle).

[0008] However, GPS related information can be quite sensitive. For instance, most persons will store their home address in the device as well as the addresses of other contacts. This is not the kind of information that a person would want other unauthorized individuals to have access to.

[0009] In another example, many persons would desire to retain information on past trips (e.g., routes) that the vehicle has made. Typically, a GPS device is capable of storing information (e.g., in internal memory or on removable memory) regarding the time and location of the vehicle during usage. This information could prove quite useful for someone who wants to track the vehicles usage, for example, an employer wanting to see where a company car was driven during a particular day, or a parent who loans their child the car and wants to see where the car was taken. Again, the challenge here is to store this information in a form that can only be accessed by designated parties (for example, by the employer not the employee, and by the parent and not the child).

[0010] Therefore, a need exists for techniques for controlling and storing sensitive information on a GPS device and only allowing access to designated parties.

[0011] SUMMARY

[0012] A system and method of saving information on a global positioning system (GPS) device in a secure fashion which will only allow designated users access to the information and then transferring that information to a user's local computer are provided. The principles of the present disclosure apply to any global positioning system (GPS) device, e.g., hand-held, vehicle mounted, stand-alone GPS receiver coupled to a

computer, etc. Information inputted to and/or generated by the GPS device will be encrypted on a storage module. The storage module can be in any form currently available including optical media, or various types of removable memory cards or cartridges including CompactFlash, SD memory, Memory Stick, etc. Furthermore, the storage module may be internal memory and the GPS device may further include a transmission module or connection, e.g., hardwire or wireless, to port the information to a computer.

[0013] A device comprising:

[0014] According to one aspect of the present disclosure, a device is provided including a locational information module for determining location information of the device; an encryption module for encrypting the location information; and a processing module for storing the encrypted location information in a storage module. The device further includes an input module for inputting a code string for decrypting the location information, wherein the location information is at least one of traveled routes, a home address, destination addresses and velocity of the device at predetermined times.

[0015] In another aspect, the storage module is removable storage memory. The device may further include an interlock for preventing removal of the storage module.

[0016] In a further aspect, the storage module is internal storage memory and the device further includes a transmission module for transmitting the encrypted location information to a computing device.

[0017] According to another aspect of the present disclosure, a system for controlling and storing location information is provided. The system includes a device including a locational information module for determining location information of the device; an

encryption module for encrypting the location information; and a processing module for storing the encrypted location information in a storage module; and a computer including a processor configured to execute a decryption program for decrypting the encrypted location information.

[0018] In still a further aspect of the present disclosure, a method for controlling and storing location information in a device includes determining location information of the device; encrypting the location information; and storing the encrypted location information in a storage module. The method further includes inputting a code string into the device for decrypting the location information.

[0019] BRIEF DESCRIPTION OF THE DRAWINGS

[0020] The above and other aspects, features, and advantages of the present disclosure will become more apparent in light of the following detailed description when taken in conjunction with the accompanying drawings in which:

[0021] FIG. 1 is front view of a device for storing and controlling information according to an embodiment of the present disclosure;

[0022] FIG. 2 is a block diagram of various modules included in the device illustrated in FIG. 1; and

[0023] FIG. 3 is a diagram of an exemplary system for storing and controlling information in a GPS system in accordance with an embodiment of the present disclosure.

[0024] DETAILED DESCRIPTION

[0025] Preferred embodiments of the present disclosure will be described hereinbelow with reference to the accompanying drawings. In the following description,

well-known functions or constructions are not described in detail to avoid obscuring the present disclosure in unnecessary detail.

[0026] Referring to FIG. 1, a global positioning system (GPS) device 100 for determining a location of a user in accordance with an embodiment of the present disclosure is illustrated. Although the device shown and described in relation to FIG. 1 is a hand-held device, it is to be understood the principles of the present disclosure may be applied to any type of navigation or positional device including but not limited to a vehicle-mounted device, a GPS receiver coupled to a desktop computer or laptop, etc.

[0027] The GPS device 100 includes various electrical components, which will be described in detail below, disposed in a generally rectangular housing 102. A display module 104 is provided for displaying a location of a user, a map, coordinates, waypoints, frequently accessed addresses, personal information, etc.. As will be described in more detail below, the display module 104 may include a touch screen for facilitating user input of information. Input module 106 includes a plurality of buttons 108 for inputting data and navigating through a plurality of menus and/or maps. The GPS device 100 further includes a storage module 110 for storing a plurality of maps, frequently used addresses, traveled routes, etc and a transmission module 112 for transmitting stored data to another device, e.g., a personal computer, a personal digital assistant (PDA), a server residing on the Internet, etc.. Optionally, the device 100 may include a microphone 114 for acquiring audio from the user of the device to input data and a speaker 116 for audibly producing directions to a user.

[0028] Referring to FIG. 2, the various components of the device 100 will now be described. The device will contain a computer processing module 120, e.g., a

microprocessor. The computer processing module 120 will use computer software instructions that have been programmed into the module and conventional computer processing power to interact and organize the traffic flow between the various other modules. It is to be understood that the present disclosure may be implemented in various forms of hardware, software, firmware, special purpose processors, or a combination thereof. A system bus 121 couples the various components shown in FIG. 2 and may be any of several types of bus structures including a memory bus or memory controller, a peripheral bus, and a local bus using any of a variety of bus architectures. The device also includes an operating system and micro instruction code preferably residing in read only memory (ROM). The various processes and functions described herein may either be part of the micro instruction code or part of an application program (or a combination thereof) which is executed via the operating system.

[0029] It is to be further understood that because some of the constituent device components and method steps depicted in the accompanying figures may be implemented in software, the actual connections between the device components (or the process steps) may differ depending upon the manner in which the present disclosure is programmed. Given the teachings of the present disclosure provided herein, one of ordinary skill in the related art will be able to contemplate these and similar implementations or configurations of the present disclosure.

[0030] A locational information module 122 will be provided for determining a location of the device 100 and/or user. The locational information module 122 may include a receiver and antenna ANT employing conventional locational information processing technology such as Global Positioning Satellite (GPS) Technology, Loran

Technology, or any other available locational technology, to indicate the exact location, e.g., latitude, longitude and altitude, of the device 100. Exemplary GPS receivers and antennas are described in U.S. Patents Nos. 5,654,718 and 6,775,612, the contents of both of which are herein incorporated by reference. It is to be appreciated that the latitude, longitude and altitude may be used to interact with maps stored in memory or in the storage module 110 of device 100 to determine the city, state or address of the location the device 100. Furthermore, the locational information module 122 may calculate routes traveled, velocity of a vehicle including the device 100, etc., or alternatively, may send the position coordinates to the processing module 120 at a predetermined sampling period where the processing module will perform the calculations.

[0031] Furthermore, the device 100 will include a date and time module 124. The date and time module 124 will use standard computer chip processing technology widely in use, or alternatively, input from locational information module 122, e.g., a GPS receiver, to supply the date and time. The date and time may be associated with routes traveled and may be employed to determine velocity of the user of the device 100 whether in a vehicle, on a bicycle or while walking.

[0032] The device 100 will also contain a display module 104 for displaying a location of a user, a map, coordinates, waypoints, frequently accessed addresses, etc. This display may be in any current form in the art, including Liquid Crystal Displays (LCD), Light emitting diode displays (LED), Cathode Ray Tube Displays (CRT) or any other type of display currently existing or existing in the future. The display module 104 may also include an audio output device 116, e.g., a speaker, headphone jack, etc.,

allowing the user to also hear audio output from the device 100, e.g., audibly producing directions to a desired location or predetermined address.

[0033] The device 100 of the present disclosure will contain a user input module 126 to either receive user instructions via text input by the way of buttons 108, a standard keyboard interface coupled to the device, or a character recognition capture device which translates user text input into alphanumeric characters. Preferably, the character recognition device is a touch screen which overlays the display module 104 and text is entered via a pen-like stylus. Such input devices are standard and currently available on many electronic devices including portable digital assistants (PDAs) and cellular telephones. Optionally, microphone 114 may be further coupled to the input module 126 for capturing any audio information spoken by the user and the input module will further include an analog-to-digital (A/D) converter for converting the spoken audio information into a digital format. Furthermore, the input module may include a voice recognition processor that translates the digital human voice into alpha numeric characters for user input. The user will utilize the user input module 126 to enter various data, for example, a plurality of destination addresses, waypoints, etc.

[0034] The storage module 110 includes internal storage memory, e.g., random access memory (RAM), or removable memory such as magnetic storage memory; optical storage memory, e.g., the various known types of CD and DVD media; solid-state storage memory, e.g., a CompactFlash card, a Memory Stick, SmartMedia card, MultiMediaCard (MMC), SD (Secure Digital) memory; or any other memory storage that exists currently or will exist in the future. The storage module 110 will store various

types of information such as the inputted destination addresses, routes traveled by the user, the user's home address, etc.

[0035] The device 100 will also include an encryption module 128. The encryption module 140 will use conventional code encryption algorithms currently in use or that will be in use in the future such as symmetric-key algorithms, e.g., DES, Triple-DES, Blowfish, RC2, RC4, RC5, etc, and asymmetric-key algorithms, e.g., Diffie-Hellman, RSA, ElGamal, etc. to encrypt the data information that comes into the user input module 126 and/or that is stored in the storage module 110. In one embodiment of the present disclosure, the encryption module 128 will always encrypt the data information, but in other embodiments, the user will select whether to encrypt the data or to leave the data unencrypted.

[0036] Upon initialization of device 100, processing module 120 prompts the user via display module 104 or speaker 116 to select a code string that the user wishes to use. The user selects an appropriate code string and enters the code string into the device 100 with input module 126 via buttons 106, microphone 114 or touch screen. The input module 126 sends the code string to the processing module which in turn sends this string to encryption module 128. The encryption module 128 then uses this code string to encrypt (using standard encryption algorithms identified above) all addresses and route points (or just the addresses and route points that the user designates) and store this information in the storage module 110. When the GPS device 110 is inactive, all information in the storage module 110 is encrypted. When the GPS device 100 is active, the information in the storage module 110 is sent to the encryption module 128 which after receiving the user's code string decrypts the information, and then sends the

information to the processing module where it can then be presented to the user on the display module 104.

[0037] Also note that in another embodiment, the GPS device 100 can function so that the information written to the storage module 110 can only be accessed by a user by inputting the code string. In other words, if the user or another party wants to view past route information on trips taken, or a list of addresses stored, the user must supply the code string to the encryption module 128 which will then use the processing module 120 to decrypt the information and present that information on the display module 104 of the GPS device 100. This code string could be user designated to be required each time information is requested, or alternatively, automatically every time the GPS device 100 is turned on.

[0038] In another embodiment of the present disclosure, the GPS device 100 will include a hardware interlock 118 to prevent the removal of the storage module 110. The interlock 118 may be a detent configured to engaged a memory card being employed, a mechanical door which prevents access to the storage module 110, or a mechanism which physical rejects the storage module 110. In this embodiment, the user would submit the code string to the encryption module 128 via the input module 126 which would then accept the code string and instruct the processing module 120 to unlock the hardware interlock 118 and allow user removal of the storage module 110. If the code string is not accepted, the storage module 110 will not be able to be removed.

[0039] In another embodiment, the device 100 will further include a user verification module (UVM) 130. The user verification module 130 will indicate and verify the identity of the user of the device 100. The user verification module 132 may execute a

password protection algorithm or may include an identity capture device, either incorporated into the device 100 or coupled externally via a cable. The identity capture device may be a biometric device, such as a retinal scanning device, finger print reader, facial recognition reader or another type of user identity verification input device which will collect information on the user to be compared to information that has previously been stored in the device's memory. One such exemplary fingerprint reader is the BioTouch™ fingerprint reader commercially available from Identix Incorporated of Minnetonka, Minnesota. It is to be noted that identity detection devices such as biometric devices are common and are currently widely in use. It is to be further noted, that identity verification devices that are not yet in use such as DNA detection, etc, would also be compatible with device 100. In this embodiment, the identity of the user may be required in addition to the entering of a code string to decrypt information on the storage module 110. In a further embodiment, the identity of a particular user may be linked to their code string and, upon verification of the identity of a user, the linked code string will be submitted to the encryption module 128. In another embodiment, the identity of the user may be required to unlock the interlock 118.

[0040] According to the various techniques described above, any information inputted to and/or generated by the GPS device 100 will be securely stored in the storage module 110 whether the type of storage is internal or removable. Only users with an appropriate code string will be granted access to the sensitive information stored in the device 100, e.g., their home address, contact lists, whereabouts of particular individuals, etc.

[0041] In another embodiment, the encrypted information stored in the storage module 110 may be transferred to a user's local computer for further processing as shown in FIG. 3. The user's local computer 202 will include a reader 208 for reading information from the storage module 110. It is to be appreciated that the reader 208 may take any form to ensure compatibility with the type of storage module 110 used, for example, reader 208 may be a CD reader, DVD reader, memory card reader, etc. or a combination of readers as are commonly found on conventional computers. If the information is stored in internal memory instead of removable memory, the transfer will be done by transmission module 112 including hardwired and/or wireless connectivity. The hardwire connection may include but is not limited to hard wire cabling e.g., parallel or serial cables, USB cable, Firewire (1394 connectivity) cables, and the appropriate port. The wireless connection will operate under any of the various known wireless protocols including but not limited to Bluetooth™ interconnectivity, infrared connectivity, radio transmission connectivity including computer digital signal broadcasting and reception commonly referred to as Wi-Fi or 802.11.X (where x denotes the type of transmission), or any other type of communication protocols or systems currently existing or to be developed for wirelessly transmitting data. The transmission module will compress and encode the encrypted information for transmission using any known wireless communication technology.

[0042] The user's local computer 202 may be connected to communications network 210, e.g., the Internet, by any known means, for example, a hardwired or wireless connection 203. It is to be appreciated that the network 210 may be a local area network (LAN), wide area network (WAN), the Internet or any known network that

couples a plurality of computers to enable various modes of communication via network messages. Alternatively, the user's local computer 402 may connect to the network 210 via an Internet Service Provider (ISP) 212, where once connected, the ISP server 212 will manage the flow of data to other users of the network 210 and/or manage the flow of information from various web sites connected to the network 210, e.g., content providers residing on servers 214. The computing devices shown in FIG. 3 may communicate to the network 210 via any known communication link 203, for example, dial-up, hardwired, cable, DSL, satellite, cellular, PCS, wireless transmission (e.g., 802.11a/b/g), etc. Furthermore, the devices will communicate using the various known protocols such as Transmission Control Protocol/ Internet Protocol (TCP/IP), File Transfer Protocol (FTP), Hypertext Transfer Protocol (HTTP), etc. and secure protocols such as Internet Protocol Security Protocol (IPSec), Point-to-Point Tunneling Protocol (PPTP), Secure Sockets Layer (SSL) Protocol, etc.

[0043] The user will receive a small code (decryption) program (CEP) from the manufacturer of the device 100 when the user purchases the GPS device 100. The CEP program may be distributed on optical media, or other computer media, or may also be downloaded from a website on a server 214 that the manufacturer provides to the user. Such encryption/decryption programs are standard in the industry and include such programs as PGP (Pretty Good Privacy). The user would load the CEP program into his local computer 202. The user would then insert the storage module 110 from the GPS device 100 into the reader 208 of their computer, or alternatively, transfer the contents of the storage module 110 via the transmission module 112. The user would provide the computer 202 with the code string that the user used with the GPS device

100. This information would then be transferred to a processor of the computer 202 that will execute the CEP program which would then verify the code string as correct and, if correct, allow the processor of the user's computer 202 to decrypt the information from the storage module. Once the information is decrypted, the user may view the information on a display of the computer 202 or print out a hard copy of the information on a printer 206 coupled to the computer 202.

[0044] In the case of routing information, and in a preferred embodiment, the GPS manufacturer may also tie in a mapping program that the user may store in memory 204 of the local computer 202 or may access via the server 214. The mapping program would take the route or address information and overlay it on a geographic map to show, for instance, the exact route that the vehicle took or the exact location of the stored address points for a certain time period.

[0045] It is to be appreciated that when the CEP decrypts the information from the storage module, it does so in the local memory of the user's computer 202 or in storage memory of the computer 202 and not on the storage module. Thus, the information stays encrypted on the storage module 110. Of course, if desired, the user could erase any of the information on the storage module 110 by using the local computer's reader 208 to write to the storage module and erase the information.

[0046] When the user is finished viewing the information from the storage module 110, the user would insert the storage module 110 (still encrypted) back into the GPS device 100 so that the device 100 is again ready to use.

[0047] A device, system and method for controlling and storing location information have been described. By encrypting information stored on a GPS device, a user can be

confident that their sensitive information such as their home address, personal contacts and addresses, etc. can not be accessed by other users of the device or by a unknown user in the case where the GPS device is lost. By encrypting the information on a removable storage module, a user can check the traveled routes or velocity of a vehicle containing the device on a local computer without the user of the vehicle tampering with the information. This may be particularly useful for a parent verifying the destinations visited by a child or for an employer verifying the whereabouts of their employee(s).

[0048] While the disclosure has been shown and described with reference to certain preferred embodiments thereof, it will be understood by those skilled in the art that various changes in form and detail may be made therein without departing from the spirit and scope of the disclosure as defined by the appended claims.

WHAT IS CLAIMED IS:

1. A location information device with secure data storage comprising:
 - a housing;
 - a locational information module for determining location information of the device, the determined location information being at least one route traveled by the device;
 - an encryption module for encrypting the determined location information;
 - a removable storage module for storing the encrypted location information, the removable storage module being removably disposed in the housing; and
 - a processing module for sending the encrypted location information to the removable storage module disposed in the device and retrieving the encrypted location information in the removable storage module.
2. The device as in claim 1, further comprising an input module disposed on the housing configured for receiving a code string from a user, wherein the user inputted code string is used for encrypting and decrypting the location information stored in the removable storage module.
3. The device as in claim 1, further comprising a user verification module for verifying the identity of a user of the device, wherein the processor selectively decrypts the location information stored in the removable storage module based on the identity of the user.

4. The device as in claim 3, wherein the user verification module executes a password protection algorithm for verifying the identity of the user of the device.
5. The device as in claim 3, wherein the user verification module further comprises an identity capture device for verifying the identity of the user of the device.
6. The device as in claim 5, wherein the identity capture device is a biometric device.
7. The device as in claim 5, wherein the identity capture device is a retinal scanning device.
8. The device as in claim 5, wherein the identity capture device is a finger print reader.
9. The device as in claim 5, wherein the identity capture device is a facial recognition reader.
10. The device as in claim 5, wherein the identity capture device is a DNA detection device.

11. The device as in claim 1, wherein the location information further includes at least one of a home address, destination addresses and velocity of the device at predetermined times.

12. The device as in claim 1, further comprising a transmission module for transmitting the encrypted location information to an external computing device.

13. A location information device with secure data storage comprising:
a housing;
a locational information module for determining location information of the device, the determined location information being at least one route traveled by the device;
an encryption module for encrypting the determined location information;
a storage module for storing the encrypted location information; and
a processing module for sending the encrypted location information to the storage module in the device and retrieving the encrypted location information in the storage module.

14. The device as in claim 13, further comprising a transmission module for transmitting the encrypted location information from the storage module in the device to an external computing device.

15. The device as in claim 14, further comprising an input module disposed on the housing configured for receiving a code string from a user, wherein the user inputted code string is used for encrypting and decrypting the location information stored in the storage module.

16. The device as in claim 14, further comprising a user verification module for verifying the identity of a user of the device, wherein the processor selectively decrypts the location information stored in the storage module based on the identity of the user.

17. The device as in claim 16, wherein the user verification module executes a password protection algorithm for verifying the identity of the user of the device.

18. The device as in claim 16, wherein the user verification module further comprises an identity capture device for verifying the identity of the user of the device.

19. A system for controlling and storing location information comprising:
a location information device with secure data storage comprising:
a housing;
a locational information module for determining location information of the device, the determined location information being at least one route traveled by the device;
an encryption module for encrypting the determined location information;

a removable storage module for storing the encrypted location information, the removable storage module being removably disposed in the housing; and

a processing module for sending the encrypted location information to the removable storage module disposed in the device and retrieving the encrypted location information in the removable storage module; and

a computing device comprising:

a reader configured for reading the removable storage module of the device; and

a processor configured to execute a decryption program for decrypting the encrypted location information on the removable storage module disposed in the reader.

20. The system as in claim 19, wherein the location information further includes at least one of a home address, destination addresses and velocity of the device at predetermined times.

21. The system as in claim 19, wherein the computing device further comprises a memory for storing a plurality of geographical maps and the processor is configured to overlay the location information on at least one of the plurality of geographical maps.

22. A system for controlling and storing location information comprising:

a location information device with secure data storage comprising:

a housing;

a locational information module for determining location information of the location information device, the determined location information being at least one route traveled by the device;

an encryption module for encrypting the determined location information;

a storage module for storing the encrypted location information;

a processing module for sending the encrypted location information to the storage module and retrieving the encrypted location information in the storage module;
and

a transmission module for transmitting the encrypted location information from the storage module to an external computing device; and

the external computing device comprising:

a connectivity device configured for receiving the encrypted location information from the location information device; and

a processor configured to execute a decryption program for decrypting the encrypted location information received from the location information device.

ABSTRACT

A system and method for controlling and storing sensitive information on a global positioning system (GPS) device are provided. The system includes a locational information module for determining location information of the device; an encryption module for encrypting the location information; a processing module for storing the encrypted location information in a storage module; and an input module for inputting a code string for decrypting the location information. Information inputted to and/or generated by the device will be encrypted on the storage module. The storage module can be in any form currently available including optical media, or various types of removable memory cards or cartridges. Furthermore, the storage module may be internal memory and the GPS device may further include a transmission module or connection, e.g., hardwire or wireless, to port the information to a computer.

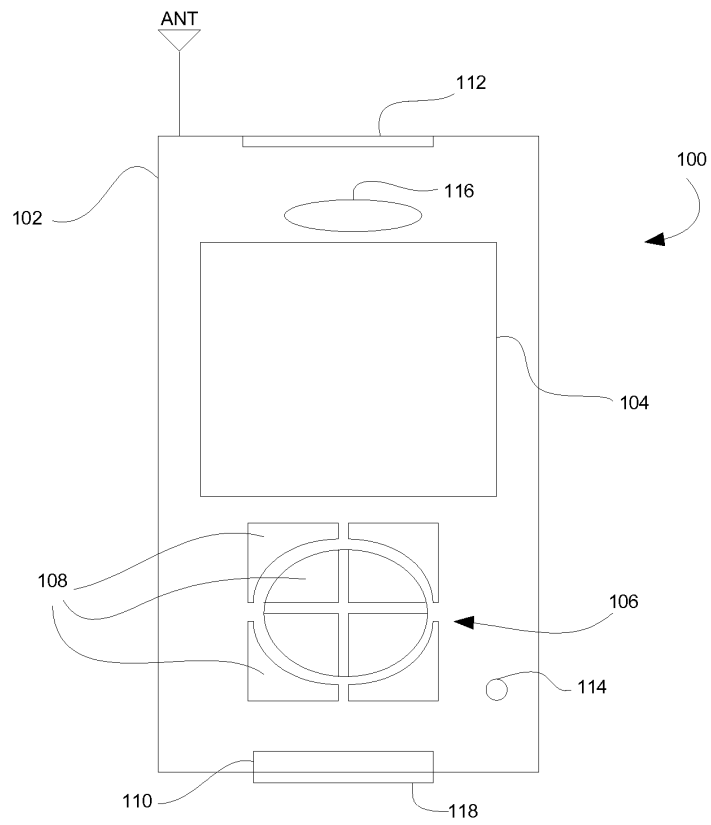


FIG. 1

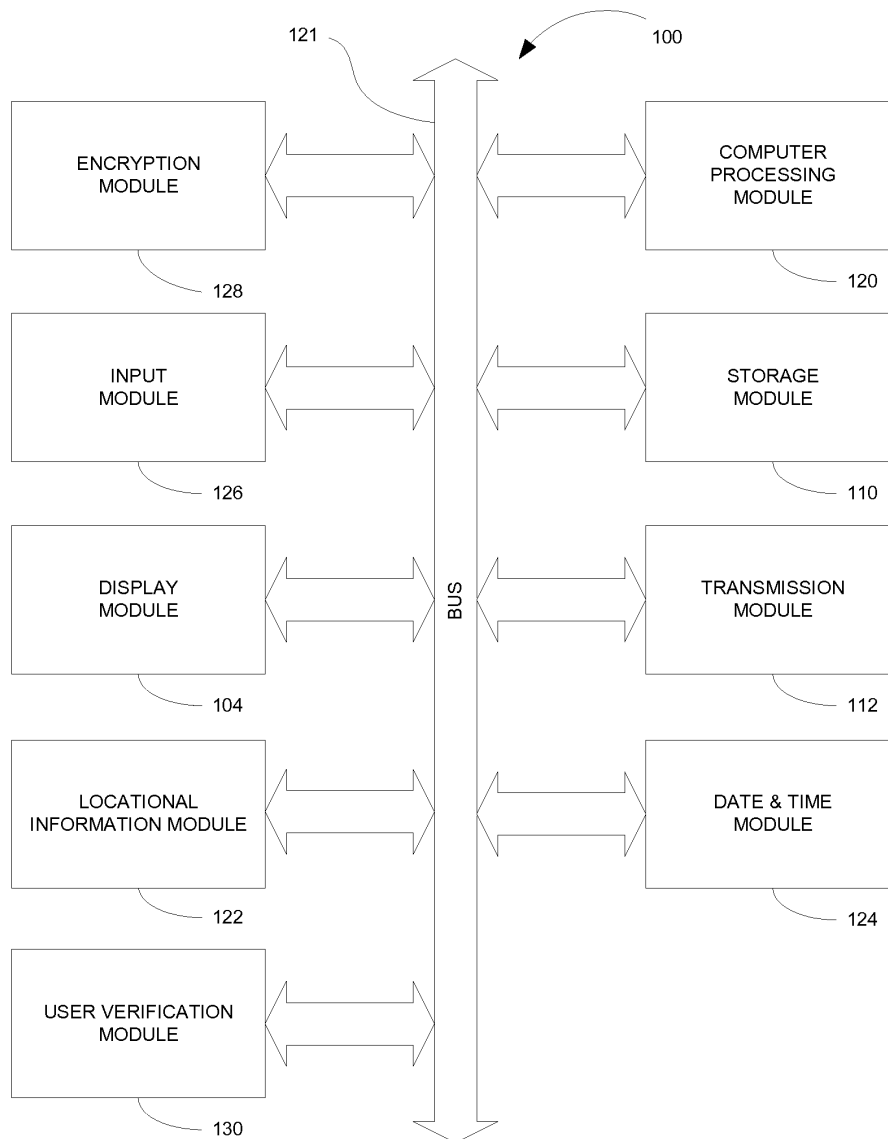


FIG. 2

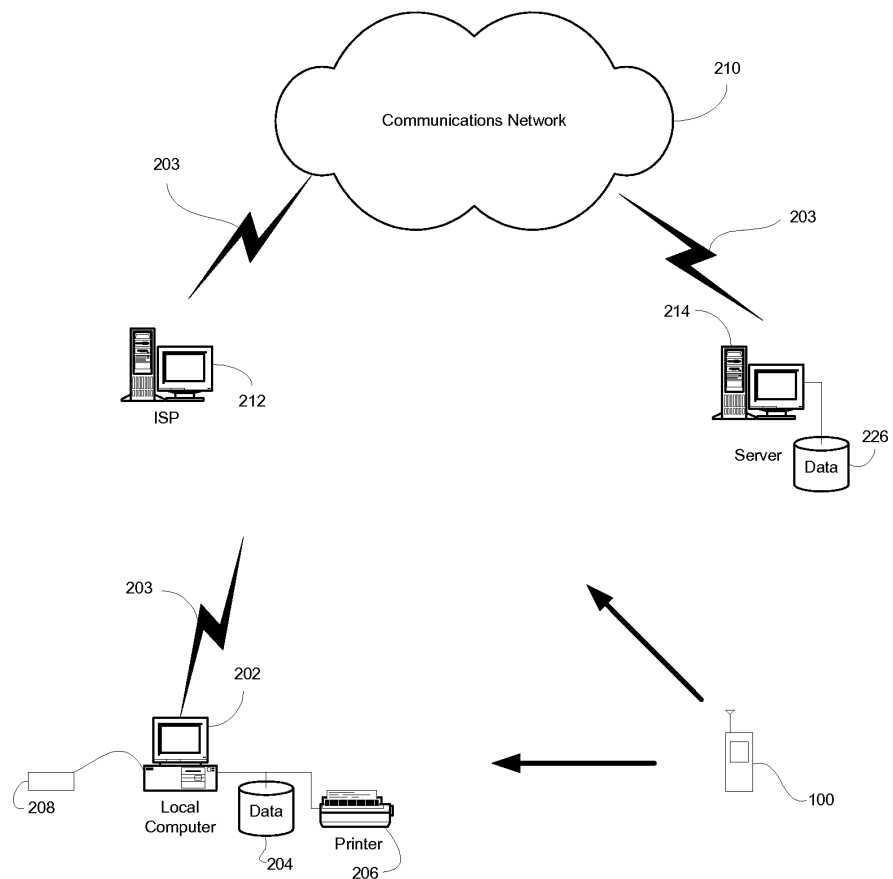


FIG. 3

DECLARATION FOR PATENT APPLICATIONDocket No. Leigh-4

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE INFORMATION ON A GPS DEVICE, the specification of which is attached hereto unless the following box is checked:

☐ was filed on _____ as United States Application Number or PCT International Application Number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

NONE

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NONE

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35, U. S. C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

NONE

I hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

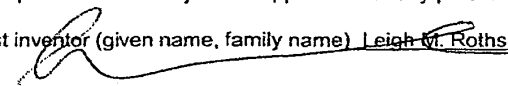
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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11/220,233	DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE INFORMATION ON A GPS DEVICE	04-05-2010:10:49:57
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International Application Number:	
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Title of Invention:	DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE INFORMATION ON A GPS DEVICE
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First Named Inventor/Applicant Name:	Leigh M. Rothschild
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File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Application Data Sheet	sb0014_fill.pdf	1104206 d02c05e39e3b411342117a5e260eed8daadb4125f	no	4
Warnings:					
Information:					
2		Leigh_4_CON.pdf	101198 2c3a0699c0be471b160dff5589b2cad9c0660d03	yes	22
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Specification		1	15	
	Claims		16	21	
	Abstract		22	22	
Warnings:					
Information:					
3	Drawings-only black and white line drawings	Leigh_4_CON_Drawings.pdf	49570 f944415d3d4d74248ac6da9858a320296fedf4	no	3
Warnings:					
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4	Oath or Declaration filed	Declaration.pdf	194220 2c1bf523b4b5203ca09b8e8f3cfd8df769671698	no	2
Warnings:					
Information:					
5	Information Disclosure Statement (IDS) Filed (SB/08)	updated_IDS.pdf	611954 38c214b6009854826695596cfba265acac1c2b7	no	4
Warnings:					
Information:					
6	Fee Worksheet (PTO-875)	fee-info.pdf	36521 b87b9f4825304ebce1c26dadcb03107965165b6	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			2097669		



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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
12/753,963	04/05/2010	2182	624	LEIGH-4 CON	22	4

CONFIRMATION NO. 5769

FILING RECEIPT

1218
HESPOS & PORCO LLP
110 West 40th Street
Suite 2501
NEW YORK, NY 10018



OC000000041269014

Date Mailed: 04/26/2010

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

Applicant(s)

Leigh M. Rothschild, Sunny Isles Beach, FL;

Assignment For Published Patent Application

REAGAN INVENTIONS, LLC, Sunny Isles Beach, FL

Power of Attorney: The patent practitioners associated with Customer Number 001218

Domestic Priority data as claimed by applicant

This application is a CON of 11/220,233 09/06/2005 PAT 7,692,580

Foreign Applications

If Required, Foreign Filing License Granted: 04/20/2010

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 12/753,963**

Projected Publication Date: 08/05/2010

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE
INFORMATION ON A GPS DEVICE

Preliminary Class

710

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

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page 2 of 3

the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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NOT GRANTED

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/753,963	04/05/2010	Leigh M. Rothschild	LEIGH-4 CON

CONFIRMATION NO. 5769

PUBLICATION NOTICE



OC000000042917475

1218
HESPOS & PORCO LLP
110 West 40th Street
Suite 2501
NEW YORK, NY 10018

Title:DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE INFORMATION ON A GPS DEVICE

Publication No.US-2010-0198510-A1

Publication Date:08/05/2010

NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

The publication may be accessed through the USPTO's publicly available Searchable Databases via the Internet at www.uspto.gov. The direct link to access the publication is currently <http://www.uspto.gov/patft/>.

The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Office of Public Records. The Office of Public Records can be reached by telephone at (703) 308-9726 or (800) 972-6382, by facsimile at (703) 305-8759, by mail addressed to the United States Patent and Trademark Office, Office of Public Records, Alexandria, VA 22313-1450 or via the Internet.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through the Patent Electronic Business Center at www.uspto.gov using the public side of the Patent Application Information and Retrieval (PAIR) system. The direct link to access this status information is currently <http://pair.uspto.gov/>. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

Further assistance in electronically accessing the publication, or about PAIR, is available by calling the Patent Electronic Business Center at 1-866-217-9197.

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/753,963	04/05/2010	Leigh M. Rothschild	LEIGH-4 CON	5769
1218	7590	09/09/2010	EXAMINER	
HESPOS & PORCO LLP 110 West 40th Street Suite 2501 NEW YORK, NY 10018			NGUYEN, NGA X	
			ART UNIT	PAPER NUMBER
			3662	
			MAIL DATE	DELIVERY MODE
			09/09/2010	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	12/753,963	ROTHSCHILD, LEIGH M.	
	Examiner	Art Unit	
	NGA X. NGUYEN	3662	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☐ Responsive to communication(s) filed on ____.

2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) 1-22 is/are pending in the application.

4a) Of the above claim(s) ____ is/are withdrawn from consideration.

5) ☐ Claim(s) ____ is/are allowed.

6) ☒ Claim(s) 1-22 is/are rejected.

7) ☐ Claim(s) ____ is/are objected to.

8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☒ The drawing(s) filed on 05 April 2010 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) ☐ All b) ☐ Some * c) ☐ None of:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. ____.

3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892) 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date <u>4/5/2010</u>	4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. ____ 5) ☐ Notice of Informal Patent Application 6) ☐ Other: ____
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Claim Rejections - 35 USC § 112

1. Claim 1, 13, 19 & 22 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention.

- "A processing module for sending the encrypted location information to the removable storage module ..."

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969). A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement. Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

2. Claim 1-22 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claim 1-16 of U.S. Patent No. 7692580.

Claims 1-5, 13, 15-18, are anticipated in the patent claim 1

Claim 6, is anticipated in the patent claim 6

Claim 11, is anticipated in the patent claim 2

Claim 12, 14 are anticipated in the patent claim 4

Claim 19, 22 are anticipated in the patent claim 7

Claim 20, is anticipated in the patent claim 8

Claim 21, is anticipated in the patent claim 11

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claim 1-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Larschan (7117075) in view of Adcox (6359570).

With regard to claim 1, 13, Larschan discloses:

- a housing-200 (see Fig.2)
- A location information module (220, 225, 230, see Fig.2) for determining location information of the device, the determine location information being at least one route traveled by the device (see column 7, lines 32-42).

Art Unit: 3662

- A removable storage module (210, USP port 243, Fig.1) for permit transfer between the recorders 200 to other external devices (see column 7, lines 25-30).
- A memory device (a smart card or contact memory button, an electrically erasable, programmable, read-only memory) for storing the encrypted location information (see column 7, lines 43-52 & column 12, lines 31-49).
- A processing module (205, Fig.2) for sending the encrypted location information in the storage module disposed in the device and retrieving the encrypted location in the storage module is met that "the central processing unit utilizing encoded and encrypted instructions with processing capability in accordance with the available memory-210 (see column 7, lines 42-57 and column 8, lines 10-25).
- An input module disposed on the housing configured for receiving a fingerprint from a user (see column 7, lines 25-27), wherein the user's identify is used for encrypting and decrypting the location information stored in the storage module (see column 12, lines 5-49).

Adcox discloses:

- A processing module for sending the encrypted location information to the removable storage module (see column 4, lines 25-29)

It would have been obvious to modify Larschan by incorporating the teaching of Adcox's system to have a processing module sending the encrypted location information to the removable storage so that the mobile device is enable to secure the data storage.

With regard to claim 2, Larschan teaches verifying the ID of a user of the device (see column 12, lines 8-10)

With regard to claim 3-10 & 15-18, Larschan teaches a user verification module including an identity capture device for indicating an identity of the user, the identity capture device disposed on the housing, wherein the user verification module verifies the identify of the user of the device, and upon verification, the processing module is configured to submit the received code string of the user to the encryption module for decrypting the location information stored in the removable storage module (see Fig.1-2, column 12, lines 5-49).

With regard to claim 11 & 20, Larchan teaches that the location information is at least one of tranveled route, a home address, destination addresses and velocity of the device at predetermine times (see column 10, lines 18-37).

With regard to claim 12, 14,19 & 22, Adcox teaches transmitting the encrypted location information to an external device (see column 4, lines 39-44).

With regard to claim 21, Adcox teaches the external device comprising a central database which is periodically update the database (see column 6, lines 8-15) which meets the claim.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to NGA X. NGUYEN whose telephone number is (571)272-5217. The examiner can normally be reached on 8:00AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, TARCZA H. THOMAS can be reached on (571) 272-6979. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

NGA X NGUYEN
Examiner
Art Unit 3662

NXN

/Thomas H. Tarcza/

Supervisory Patent Examiner, Art Unit 3662

Notice of References Cited	Application/Control No. 12/753,963		Applicant(s)/Patent Under Reexamination ROTHSCHILD, LEIGH M.	
	Examiner NGA X. NGUYEN		Art Unit 3662	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-7,117,075	10-2006	Larschan et al.	701/35
*	B	US-6,359,570	03-2002	Adcox et al.	340/902
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

<i>Index of Claims</i> 	Application/Control No. 12753963	Applicant(s)/Patent Under Reexamination ROTHSCHILD, LEIGH M.
	Examiner NGA X NGUYEN	Art Unit 3662

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant			☐ CPA			☐ T.D.			☐ R.1.47			
CLAIM			DATE									
Final	Original	09/07/2010										
	1	✓										
	2	✓										
	3	✓										
	4	✓										
	5	✓										
	6	✓										
	7	✓										
	8	✓										
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	20	✓										
	21	✓										
	22	✓										

Search Notes 	Application/Control No. 12753963	Applicant(s)/Patent Under Reexamination ROTHSCHILD, LEIGH M.
	Examiner NGA X NGUYEN	Art Unit 3662

SEARCHED			
Class	Subclass	Date	Examiner
342	357.01-357.17	9/7/2010	NXN
342	357.40 (Office of Patent Classification)	9/7/2010	NXN

SEARCH NOTES			
Search Notes		Date	Examiner
TEXT SEARCH		9/7/2010	NXN

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner

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BIB DATA SHEET

CONFIRMATION NO. 5769

SERIAL NUMBER 12/753,963	FILING or 371(c) DATE 04/05/2010 RULE	CLASS 342	GROUP ART UNIT 3662	ATTORNEY DOCKET NO. LEIGH-4 CON		
APPLICANTS Leigh M. Rothschild, Sunny Isles Beach, FL; ** CONTINUING DATA ***** This application is a CON of 11/220,233 09/06/2005 PAT 7,692,580 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** * SMALL ENTITY ** 04/20/2010						
Foreign Priority claimed ☐ Yes ☒ No 35 USC 119(a-d) conditions met ☐ Yes ☒ No Verified and Acknowledged <u>/NGA X NGUYEN/</u> Examiner's Signature		☐ Met after Allowance Initials	STATE OR COUNTRY FL	SHEETS DRAWINGS 3	TOTAL CLAIMS 22	INDEPENDENT CLAIMS 4
ADDRESS HESPOS & PORCO LLP 110 West 40th Street Suite 2501 NEW YORK, NY 10018 UNITED STATES						
TITLE DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE INFORMATION ON A GPS DEVICE						
FILING FEE RECEIVED 624	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		☐ All Fees			
			☐ 1.16 Fees (Filing)			
			☐ 1.17 Fees (Processing Ext. of time)			
			☐ 1.18 Fees (Issue)			
			☐ Other _____			
			☐ Credit			

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("20100198510").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/07 10:44
S2	2	("7692580").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/07 10:48
S3	2	("7117075").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/07 10:59
S4	2	("5748147").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/07 11:21
S5	4	342/357.01-357.17.ccls.	USPAT	OR	OFF	2010/09/07 11:23

S6	453	342/357.01-357.17.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/07 11:23
S7	0	S6 and encrypt\$3 with location adj information	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/07 11:24
S8	1071	"5319376" "6175329" "6525690" "6839023" "7489272" "5512902" "6211820" "6570532" "6885337" "7498984" "5579013" "6225944" "6593878" "6903681" "7535416" "5748144" "6232916" "6614394" "6927727" "7551130" "5751245" "6239742" "6628232" "6970130" "7586438" "5786789" "6249245" "6636175" "7102568" "7592951" "5801659" "6278402" "6674400" "7227498" "7741996" "5812087" "6307505" "6693586" "7233281" "7746273" "5877724" "6317080" "6750812" "7233282" "5883596" "6377210" "6750813" "7446701" "6111541" "6392591" "6768451" "7450062"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/07 12:57
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		("7746273") or ("5877724") or ("6317080") or ("6750812") or ("7233282") or ("5883596637721067508137446701") or ("6111541639259167684517450062")).PNL				
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S11	1988	location adj information with (encryption or encod\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/07 13:09
S12	93	S11 and removable adj storage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/07 13:10
S13	0	S12 and decrypt*	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/07 13:10
S14	25	S12 and decrypt	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/07 13:10

S15	17	("2003/0035544").URPN.	USPAT	OR	OFF	2010/09/07 13:28
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S18	16	S17 and (encrypt or encode)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/07 14:51

EAST Search History (Interference)

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9/7/2010 4:50:03 PM

C:\Documents and Settings\N Nguyen7\My Documents\EAST\Workspaces\12753963-Device, System and Method for Controlling and Storing Sensitive Infor.wsp

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		
	Filing Date		2010-04-05
	First Named Inventor	Leigh M. Rothschild	
	Art Unit		
	Examiner Name		
	Attorney Docket Number	LEIGH-4 CON	

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/NXN/	1	5748147		1998-05-05	Bickley et al.			
↓	2	6710741		2004-03-23	Tucker			
	3	7117075		2006-10-03	Larschan et al.			
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/NXN/	1	20040178880		2004-09-16	Meyer et al.			
/NXN/	2	20060204047		2006-09-14	Dave et al.			
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		
	Filing Date		2010-04-05
	First Named Inventor	Leigh M. Rothschild	
	Art Unit		
	Examiner Name		
Attorney Docket Number		LEIGH-4 CON	

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Examiner Signature	<u>/Nga Nguyen/</u>	Date Considered	09/07/2010
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Group Art Unit: 3662
Confirmation No.: 5769
Examiner: Nguyen, Nga X.

Atty. Ref.: Leigh-4 CON

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Leigh M. Rothschild
Appl. No. : 12/753,963
Filed : April 5, 2010
For : DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND
STORING SENSITIVE INFORMATION ON A GPS DEVICE

RESPONSE TO OFFICE ACTION

Mail Stop: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The outstanding Office Action mailed September 9, 2010 has been carefully considered. In response thereto, please enter the following:

AMENDMENTS TO THE SPECIFICATION

Please amend the specification as indicated hereafter. It is believed that the amendments contain no new matter.

Please delete paragraph 0013 reading "A device comprising:".

Please replace paragraph 0035 with the following paragraph:

[0035] The device 100 will also include an encryption module 128. The encryption module 128 will use conventional code encryption algorithms currently in use or that will be in use in the future such as symmetric-key algorithms, e.g., DES, Triple-DES, Blowfish, RC2, RC4, RC5, etc., and asymmetric-key algorithms, e.g., Diffie-Hellman, RSA, ElGamal, etc. to encrypt the data information that comes into the user input module 126 and/or that is stored in the storage module 110. In one embodiment of the present disclosure, the encryption module 128 will always encrypt the data information, but in other embodiments, the user will select whether to encrypt the data or to leave the data unencrypted.

Please replace paragraph 0036 with the following paragraph:

[0036] Upon initialization of device 100, processing module 120 prompts the user via display module 104 or speaker 116 to select a code string that the user wishes to use. The user selects an appropriate code string and enters the code string into the device 100 with input module 126 via buttons 108, microphone 114 or touch screen. The input module 126 sends the code string to the processing module 120 which in turn sends this string to encryption module 128. The encryption module 128 then uses this code string to encrypt (using standard encryption algorithms identified above) all addresses and route points (or just the addresses and route points that the user designates) and store this information in the storage module 110. When the GPS device 100 is inactive, all information in the storage module 110 is encrypted. When the GPS device 100 is

active, the information in the storage module 110 is sent to the encryption module 128 which after receiving the user's code string decrypts the information, and then sends the information to the processing module 120 where it can then be presented to the user on the display module 104.

Please replace paragraph 0039 with the following paragraph:

[0039] In another embodiment, the device 100 will further include a user verification module (UVM) 130. The user verification module 130 will indicate and verify the identity of the user of the device 100. The user verification module 130 may execute a password protection algorithm or may include an identity capture device, either incorporated into the device 100 or coupled externally via a cable. The identity capture device may be a biometric device, such as a retinal scanning device, finger print reader, facial recognition reader or another type of user identity verification input device which will collect information on the user to be compared to information that has previously been stored in the device's memory. One such exemplary fingerprint reader is the BioTouch™ fingerprint reader commercially available from Identix Incorporated of Minnetonka, Minn. It is to be noted that identity detection devices such as biometric devices are common and are currently widely in use. It is to be further noted, that identity verification devices that are not yet in use such as DNA detection, etc, would also be compatible with device 100. In this embodiment, the identity of the user may be required in addition to the entering of a code string to decrypt information on the storage module 110. In a further embodiment, the identity of a particular user may be linked to their code string and, upon verification of the identity of a user, the linked code string will be submitted to the encryption module 128. In another embodiment, the identity of the user may be required to unlock the interlock 118.

Please replace paragraph 0042 with the following paragraph:

[0042] The user's local computer 202 may be connected to communications network 210, e.g., the Internet, by any known means, for example, a hardwired or wireless connection 203. It is to be appreciated that the network 210 may be a local area network (LAN), wide area network (WAN), the Internet or any known network that couples a plurality of computers to enable various modes of communication via network messages. Alternatively, the user's local computer 202 may connect to the network 210 via an Internet Service Provider (ISP) 212, where once connected, the ISP server 212 will manage the flow of data to other users of the network 210 and/or manage the flow of information from various web sites connected to the network 210, e.g., content providers residing on servers 214. The computing devices shown in FIG. 3 may communicate to the network 210 via any known communication link 203, for example, dial-up, hardwired, cable, DSL, satellite, cellular, PCS, wireless transmission (e.g., 802.11a/b/g), etc. Furthermore, the devices will communicate using the various known protocols such as Transmission Control Protocol/Internet Protocol (TCP/IP), File Transfer Protocol (FTP), Hypertext Transfer Protocol (HTTP), etc. and secure protocols such as Internet Protocol Security Protocol (IPSec), Point-to-Point Tunneling Protocol (PPTP), Secure Sockets Layer (SSL) Protocol, etc.

Please replace paragraph 0045 with the following paragraph:

[0045] It is to be appreciated that when the CEP decrypts the information from the storage module, it does so in the local memory of the user's computer 202 or in storage memory of the computer 202 and not on the storage module 110. Thus, the information stays encrypted on the storage module 110. Of course, if desired, the user could erase any of the information on the storage module 110 by using the local computer's reader 208 to write to the storage module 110 and erase the information.

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A location information device with secure data storage comprising:

a housing;

a locational information module for determining location information of the device, the determined location information being at least one route traveled by the device;

an encryption module for encrypting the determined location information;

a removable storage module for storing the encrypted location information, the removable storage module being removably disposed in the housing; and

a processing module for sending the encrypted location information to the removable storage module removably disposed in the housing and retrieving the encrypted location information from the removable storage module.

2. (Currently Amended) The device as in claim 1, further comprising an input module disposed on the housing configured for receiving a code string input by a user, wherein the user inputted code string is used for encrypting and decrypting the location information stored in the removable storage module.

3. (Currently Amended) The device as in claim 1, further comprising a user verification module for verifying the identity of a user of the device, wherein the processing module selectively decrypts the location information stored in the removable storage module based on the identity of the user.

4. (Original) The device as in claim 3, wherein the user verification module executes a password protection algorithm for verifying the identity of the user of the device.

5. (Original) The device as in claim 3, wherein the user verification module further comprises an identity capture device for verifying the identity of the user of the device.

6. (Original) The device as in claim 5, wherein the identity capture device is a biometric device.

7. (Original) The device as in claim 5, wherein the identity capture device is a retinal scanning device.

8. (Original) The device as in claim 5, wherein the identity capture device is a finger print reader.

9. (Original) The device as in claim 5, wherein the identity capture device is a facial recognition reader.

10. (Original) The device as in claim 5, wherein the identity capture device is a DNA detection device.

11. (Original) The device as in claim 1, wherein the location information further includes at least one of a home address, destination addresses and velocity of the device at predetermined times.

12. (Original) The device as in claim 1, further comprising a transmission module for transmitting the encrypted location information to an external computing device.

13. (Currently Amended) A location information device with secure data storage comprising:
a housing;

a locational information module for determining location information of the device, the determined location information being at least one route traveled by the device;

an encryption module for encrypting the determined location information;

a storage module for storing the encrypted location information; and

a processing module for sending the encrypted location information to the storage module and retrieving the encrypted location information from the storage module.

14. (Currently Amended) The device as in claim 13, further comprising a transmission module for transmitting the encrypted location information from the storage module to an external computing device.

15. (Currently Amended) The device as in claim 14, further comprising an input module disposed on the housing configured for receiving a code string input by a user, wherein the user inputted code string is used for encrypting and decrypting the location information stored in the storage module.

16. (Currently Amended) The device as in claim 14, further comprising a user verification module for verifying the identity of a user of the device, wherein the processing module selectively decrypts the location information stored in the storage module based on the identity of the user.

17. (Original) The device as in claim 16, wherein the user verification module executes a password protection algorithm for verifying the identity of the user of the device.

18. (Original) The device as in claim 16, wherein the user verification module further comprises an identity capture device for verifying the identity of the user of the device.

19. (Currently Amended) A system for controlling and storing location information comprising:

a location information device with secure data storage comprising:

a housing;

a locational information module for determining location information of the location information device, the determined location information being at least one route traveled by the location information device;

an encryption module for encrypting the determined location information;

a removable storage module for storing the encrypted location information, the removable storage module being removably disposed in the housing; and

a processing module for sending the encrypted location information to the removable storage module removably disposed in the housing and retrieving the encrypted location information from the removable storage module; and

a computing device comprising:

a reader configured for reading the removable storage module of the location information device when the removable storage module is removably disposed in the reader; and

a processor configured to execute a decryption program for decrypting the encrypted location information on the removable storage module removably disposed in the reader.

20. (Original) The system as in claim 19, wherein the location information further includes at least one of a home address, destination addresses and velocity of the device at predetermined times.

21. (Original) The system as in claim 19, wherein the computing device further comprises a memory for storing a plurality of geographical maps and the processor is configured to overlay the location information on at least one of the plurality of geographical maps.

22. (Currently Amended) A system for controlling and storing location information comprising:

a location information device with secure data storage comprising:

a housing;

locational information module for determining location information of the location information device, the determined location information being at least one route traveled by the location information device;

an encryption module for encrypting the determined location information;

a storage module for storing the encrypted location information;

a processing module for sending the encrypted location information to the storage module and retrieving the encrypted location information from the storage module; and

a transmission module for transmitting the encrypted location information from the storage module to an external computing device;

and

the external computing device comprising:

a connectivity device configured for receiving the encrypted location information from the location information device; and

a processor configured to execute a decryption program for decrypting the encrypted location information received from the location information device.

REMARKS

In the amendments herein, claims 1-3, 13-16, 19, and 22 have been amended. Claims 1-22 remain pending in the present application. Reconsideration of the present patent application and claims is respectfully requested.

I. Response to 35 U.S.C. § 112 Rejection

Claims 1, 13, 19, and 22 stand rejected under 35 U.S.C. § 112, first paragraph as allegedly failing to comply with the enablement requirement. The Office Action suggests that the claimed subject matter regarding “a processing module for sending the encrypted location information to the removable storage module” is not described in the specification in such a way as to enable one skilled in the art to make and/or use the invention.

Applicant respectfully traverses this rejection and asserts that the claimed subject matter is adequately described in the specification. For example, support for “a processing module for sending the encrypted location information to the removable storage module” can be found at least in paragraphs 0014, 0017, and 0036. The computer processing module 120 is configured to “organize the traffic flow between the various other modules” (paragraph 0028). The encryption module 128 encrypts addresses and route points and this information is stored in the storage module 110 (paragraph 0036). One skilled in the art would clearly understand that a processing module that is configured to organize traffic flow between modules will at least assist in sending the encrypted information from the encryption module to the storage module. Applicant therefore respectfully requests that the Examiner kindly withdraw the 35 U.S.C. § 112, first paragraph rejection.

II. Double Patenting Rejection

Claims 1-22 stand rejected on the ground of non-statutory obviousness-type double patenting as allegedly being unpatentable over claims 1-16 of U.S. Patent No. 7,692,580. In response, Applicant submits a terminal disclaimer

pursuant to 37 C.F.R § 1.321(c) to merely advance prosecution. Applicant submits the terminal disclaimer without conceding that the double patenting rejection is properly based. The terminal disclaimer does not act as an admission, acquiescence, or estoppel on the merits of the obviousness issue.

III. Response to 35 U.S.C. § 103 Rejection

Claims 1-22 stand rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over Larschan et al. (U.S. Patent No. 7,117,075, hereinafter “Larschan”) in view of Adcox et al. (U.S. Patent No. 6,359,570, hereinafter “Adcox”). Applicant respectfully traverses this rejection on the grounds that Larschan and Adcox, taken alone or in combination, do not teach or suggest each and every aspect of the claims.

A. Claims 1-12

Independent claim 1, as amended, is reproduced below:

1. A **location information device with secure data storage** comprising:

a housing;

a locational information module for determining location information of the device, the determined location information being at least one route traveled by the device;

an encryption module for encrypting the determined location information;

a removable storage module for storing the encrypted location information, the removable storage module being removably disposed in the housing; and

a processing module for sending the encrypted location information to the removable storage module removably disposed in the housing and retrieving the encrypted location information from the removable storage module.

(Emphasis added)

Independent claim 1 is directed to a **location information device with secure data storage**. Although the cited references may suggest the use of

location information devices, these devices do not include **secure data storage** as claimed. With regard to security issues, it appears that Adcox teaches encoding information only when it is transmitted from a paging network of a police unit to a vehicle and again when it is transmitted from the vehicle back to the police unit (see col. 4, lines 16-50). Adcox actually teaches away from the claimed aspect of **secure data storage** by decoding the information when it is stored in a memory device 18 (see col. 4, lines 25-29).

As highlighted above, independent claim 1 recites **a removable storage module for storing the encrypted location information**. The Office Action seems to suggest that Larschan (col. 7, lines 25-30, 43-52 and col. 12, lines 31-49) teaches this aspect of the claim. However, Larschan merely teaches that the “processor 205 is, for example, a central processing unit (CPU)... utilizing encoded and encrypted instructions...” Therefore, it seems that “instructions” (executed by the processor or CPU) are encoded and encrypted, not the location information as claimed. Larschan does not teach or suggest that a removable storage module stores **encrypted location information**.

The Office Action seems to suggest that Adcox teaches that a processing module sends encrypted location information to a removable storage module. However, in col. 4, lines 25-29, Adcox teaches a processor that includes a coder/decoder 17. The coder/decoder 17 extracts the updated status information 14 from the paging signal, which according to col. 4, lines 17-18 is the encoded status information. The decoded (not encoded) status information is then stored in the memory device 18. Hence, the information is encoded as it is transmitted but is decoded back to its original state before it is stored in the memory device. Therefore, Adcox does not store **encrypted** location information and fails to overcome the deficiencies of Larschan.

Applicant submits that independent claim 1 is patentable over the cited references for at least the reason that they fail to disclose the elements highlighted above. In addition, claims 2-12 are believed to be allowable for at least the reason that these claims depend directly or indirectly from claim 1 and therefore include the same patentable features.

B. Claims 13-18

Independent claim 13, as amended, is reproduced below:

13. A **location information device with secure data storage** comprising:

a housing;

a locational information module for determining location information of the device, the determined location information being at least one route traveled by the device;

an encryption module for encrypting the determined location information;

a storage module for storing the encrypted location information; and

a processing module for sending the encrypted location information to the storage module and retrieving the encrypted location information from the storage module.

(Emphasis added)

Independent claim 13 is directed to a **location information device with secure data storage**. Although the cited references may suggest the use of location information devices, these devices do not include **secure data storage** as claimed. With regard to security issues, it appears that Adcox teaches encoding information only when it is transmitted from a paging network of a police unit to a vehicle and again when it is transmitted from the vehicle back to the police unit (see col. 4, lines 16-50). Adcox actually teaches away from the claimed aspect of **secure data storage** by decoding the information when it is stored in a memory device 18 (see col. 4, lines 25-29).

As highlighted above, independent claim 13 recites **a storage module for storing the encrypted location information**. The Office Action seems to suggest that Larschan (col. 7, lines 25-30, 43-52 and col. 12, lines 31-49) teaches this aspect of the claim. However, Larschan merely teaches that the “processor 205 is, for example, a central processing unit (CPU)... utilizing encoded and encrypted instructions...” Therefore, it seems that “instructions” (executed by the

processor or CPU) are encoded and encrypted, not the location information as claimed. Larschan does not teach or suggest that a removable storage module stores **encrypted location information**.

The Office Action seems to suggest that Adcox teaches that a processing module sends encrypted location information to a removable storage module. However, in col. 4, lines 25-29, Adcox teaches a processor that includes a coder/decoder 17. The coder/decoder 17 extracts the updated status information 14 from the paging signal, which according to col. 4, lines 17-18 is the encoded status information. The decoded (not encoded) status information is then stored in the memory device 18. Hence, the information is encoded as it is transmitted but is decoded back to its original state before it is stored in the memory device. Therefore, Adcox does not store **encrypted** location information and fails to overcome the deficiencies of Larschan.

For at least this reason, it is believed that independent claim 13 is patentable over the references cited in the Office Action, whether taken alone or combined. In addition, claims 14-18 are believed to be allowable for at least the reason that they depend directly or indirectly from independent claim 13 and therefore include the same allowable subject matter mentioned above.

C. Claims 19-21

Independent claim 19, as amended, is reproduced below:

19. A system for controlling and storing location information comprising:
a **location information device with secure data storage** comprising:

a housing;

a locational information module for determining location information of the location information device, the determined location information being at least one route traveled by the location information device;

an encryption module for encrypting the determined location information;

a removable storage module for storing the encrypted location information, the removable storage module being removably disposed in the housing; and

a processing module for sending the encrypted location information to the removable storage module removably disposed in the housing and retrieving the encrypted location information from the removable storage module; and

a computing device comprising:

a reader configured for reading the removable storage module of the location information device when the removable storage module is removably disposed in the reader; and

a processor configured to execute a decryption program for decrypting the encrypted location information on the removable storage module removably disposed in the reader.

(Emphasis added)

Independent claim 19 recites, among other things, a ***location information device with secure data storage***. Although the cited references may suggest the use of location information devices, these devices do not include ***secure data storage*** as claimed. With regard to security issues, it appears that Adcox teaches encoding information only when it is transmitted from a paging network of a police unit to a vehicle and again when it is transmitted from the vehicle back to the police unit (see col. 4, lines 16-50). Adcox actually teaches away from the claimed aspect of ***secure data storage*** by decoding the information when it is stored in a memory device 18 (see col. 4, lines 25-29).

As highlighted above, independent claim 19 also recites ***a removable storage module for storing the encrypted location information***. The Office Action seems to suggest that Larschan (col. 7, lines 25-30, 43-52 and col. 12, lines 31-49) teaches this aspect of the claim. However, Larschan merely teaches that the “processor 205 is, for example, a central processing unit (CPU)... utilizing encoded and encrypted instructions...” Therefore, it seems that “instructions”

(executed by the processor or CPU) are encoded and encrypted, not the location information as claimed. Larschan does not teach or suggest that a removable storage module stores **encrypted location information**.

The Office Action seems to suggest that Adcox teaches that a processing module sends encrypted location information to a removable storage module. However, in col. 4, lines 25-29, Adcox teaches a processor that includes a coder/decoder 17. The coder/decoder 17 extracts the updated status information 14 from the paging signal, which according to col. 4, lines 17-18 is the encoded status information. The decoded (not encoded) status information is then stored in the memory device 18. Hence, the information is encoded as it is transmitted but is decoded back to its original state before it is stored in the memory device. Therefore, Adcox does not store **encrypted** location information and fails to overcome the deficiencies of Larschan.

Applicant submits that independent claim 19 is patentable over the cited references for at least the reason that they fail to disclose the elements highlighted above. In addition, claims 20 and 21 are believed to be allowable for at least the reason that they depend from claim 19 and therefore includes the same patentable features as mentioned above.

D. Claim 22

Independent claim 22, as amended, is reproduced below:

22. A system for controlling and storing location information comprising:
a **location information device with secure data storage** comprising:

a housing;

location information module for determining location information of the location information device, the determined location information being at least one route traveled by the location information device;

an encryption module for encrypting the determined location information;

a storage module for storing the encrypted location information;

a processing module for sending the encrypted location information to the storage module and retrieving the encrypted location information from the storage module; and

a transmission module for transmitting the encrypted location information from the storage module to an external computing device;

and

the external computing device comprising:

a connectivity device configured for receiving the encrypted location information from the location information device; and

a processor configured to execute a decryption program for decrypting the encrypted location information received from the location information device.

(Emphasis added)

Claim 22 recites a **location information device with secure data storage**. Although the cited references may suggest the use of location information devices, these devices do not include **secure data storage** as claimed. With regard to security issues, it appears that Adcox teaches encoding information only when it is transmitted from a paging network of a police unit to a vehicle and again when it is transmitted from the vehicle back to the police unit (see col. 4, lines 16-50). Adcox actually teaches away from the claimed aspect of **secure data storage** by decoding the information when it is stored in a memory device 18 (see col. 4, lines 25-29).

As highlighted above, independent claim 22 also recites **a removable storage module for storing the encrypted location information**. The Office Action seems to suggest that Larschan (col. 7, lines 25-30, 43-52 and col. 12, lines 31-49) teaches this aspect of the claim. However, Larschan merely teaches that the “processor 205 is, for example, a central processing unit (CPU)... utilizing encoded and encrypted instructions...” Therefore, it seems that “instructions” (executed by the processor or CPU) are encoded and encrypted, not the location

information as claimed. Larschan does not teach or suggest that a removable storage module stores **encrypted location information**.

The Office Action seems to suggest that Adcox teaches that a processing module sends encrypted location information to a removable storage module. However, in col. 4, lines 25-29, Adcox teaches a processor that includes a coder/decoder 17. The coder/decoder 17 extracts the updated status information 14 from the paging signal, which according to col. 4, lines 17-18 is the encoded status information. The decoded (not encoded) status information is then stored in the memory device 18. Hence, the information is encoded as it is transmitted but is decoded back to its original state before it is stored in the memory device. Therefore, Adcox does not store **encrypted** location information and fails to overcome the deficiencies of Larschan.

In view of the preceding amendment and remarks, it is submitted that the claims remaining in the application are directed to patentable subject matter, and allowance is solicited. The Examiner is urged to contact applicant's attorney at the number below if the Examiner believes a telephone or personal interview would facilitate the prosecution of this application.

Respectfully submitted,



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Date: December 8, 2010

Electronic Acknowledgement Receipt	
EFS ID:	8991577
Application Number:	12753963
International Application Number:	
Confirmation Number:	5769
Title of Invention:	DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE INFORMATION ON A GPS DEVICE
First Named Inventor/Applicant Name:	Leigh M. Rothschild
Customer Number:	01218
Filer:	Gerald E. Hespos/Hilda A. Abreu
Filer Authorized By:	Gerald E. Hespos
Attorney Docket Number:	LEIGH-4 CON
Receipt Date:	08-DEC-2010
Filing Date:	05-APR-2010
Time Stamp:	14:39:31
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		Leigh_4_CON.pdf	105529	yes	18
			ea16310ae9b4516d4bfe316785dd0c3e9786951f		

	Multipart Description/PDF files in .zip description		
	Document Description	Start	End
	Amendment/Req. Reconsideration-After Non-Final Reject	1	1
	Specification	2	4
	Claims	5	9
	Applicant Arguments/Remarks Made in an Amendment	10	18
Warnings:			
Information:			
Total Files Size (in bytes):		105529	
This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503. <u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application. <u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. <u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.			

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875					Application or Docket Number 12/753,963		Filing Date 04/05/2010		☐ To be Mailed					
APPLICATION AS FILED – PART I														
(Column 1)			(Column 2)			SMALL ENTITY ☒		OR		OTHER THAN SMALL ENTITY				
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)			RATE (\$)	FEE (\$)						
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A				N/A							
☐ SEARCH FEE (37 CFR 1.16(k), (j), or (m))	N/A	N/A	N/A				N/A							
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A				N/A							
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X \$	=			X \$	=						
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X \$	=			X \$	=						
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).													
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))														
* If the difference in column 1 is less than zero, enter "0" in column 2.														
APPLICATION AS AMENDED – PART II										TOTAL	TOTAL			
(Column 1)			(Column 2)			(Column 3)			SMALL ENTITY		OR		OTHER THAN SMALL ENTITY	
AMENDMENT	12/08/2010	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)			RATE (\$)	ADDITIONAL FEE (\$)				
	Total (37 CFR 1.16(i))	* 22	Minus	** 22	= 0	X \$26 =	0	OR		X \$ =				
	Independent (37 CFR 1.16(h))	* 4	Minus	***4	= 0	X \$110 =	0	OR		X \$ =				
	☐ Application Size Fee (37 CFR 1.16(s))							OR						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR						
						TOTAL ADD'L FEE	0	OR		TOTAL ADD'L FEE				
(Column 1)			(Column 2)			(Column 3)			SMALL ENTITY		OR		OTHER THAN SMALL ENTITY	
AMENDMENT	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)			RATE (\$)	ADDITIONAL FEE (\$)					
	Total (37 CFR 1.16(i))	*	Minus	**	=	X \$ =	OR		X \$ =					
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$ =	OR		X \$ =					
	☐ Application Size Fee (37 CFR 1.16(s))							OR						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR						
						TOTAL ADD'L FEE	OR		TOTAL ADD'L FEE					
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.											Legal Instrument Examiner: /KAREN VESTAL/			
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".														
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".														
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.														

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/753,963	04/05/2010	Leigh M. Rothschild	LEIGH-4 CON	5769
1218	7590	02/08/2011	EXAMINER	
HESPOS & PORCO LLP 110 West 40th Street Suite 2501 NEW YORK, NY 10018			NGUYEN, NGA X	
			ART UNIT	PAPER NUMBER
			3662	
			MAIL DATE	DELIVERY MODE
			02/08/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	12/753,963	ROTHSCHILD, LEIGH M.	
	Examiner	Art Unit	
	NGA X. NGUYEN	3662	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on 08 December 2010.

2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) 1-22 is/are pending in the application.

 4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) 1-22 is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☒ The drawing(s) filed on 05 April 2010 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

 a) ☐ All b) ☐ Some * c) ☐ None of:

 1. ☐ Certified copies of the priority documents have been received.

 2. ☐ Certified copies of the priority documents have been received in Application No. _____.

 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892) 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.	4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____. 5) ☐ Notice of Informal Patent Application 6) ☐ Other: _____.
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Claim Objections

1. The claims are objected to because claims (1-3, 13-16, 19 & 22) stated “currently amended” which is suppose added/deleted subject matters that were not in the previous claims. However, those claims are exactly the same as previous filed claims (04/05/2010). Those claims should stated such as “previously presented”.

Terminal Disclaimer

2. Applicant stated that a terminal disclaimer to overcome the double patenting rejection. However, there is no terminal disclaimer submitted into the examiner docket. The double patenting rejection still remains.

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the “right to exclude” granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969). A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

3. Claim 1-22 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claim 1-16 of U.S. Patent No. 7692580.

Claims 1-5, 13, 15-18, are anticipated in the patent claim 1

Claim 6, is anticipated in the patent claim 6

Claim 11, is anticipated in the patent claim 2

Claim 12, 14 are anticipated in the patent claim 4

Claim 19, 22 are anticipated in the patent claim 7

Claim 20, is anticipated in the patent claim 8

Claim 21, is anticipated in the patent claim 11

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claim 1-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Larschan (7117075) in view of Adcox (6359570).

With regard to claim 1, 13, Larschan discloses:

- a housing-200 (see Fig.2)

Art Unit: 3662

- A location information module (220, 225, 230, see Fig.2) for determining location information of the device, the determine location information being at least one route traveled by the device (see column 7, lines 32-42).
- A removable storage module (210, USP port 243, Fig.1) for permit transfer between the recorders 200 to other external devices (see column 7, lines 25-30).
- A memory device (a smart card or contact memory button, an electrically erasable, programmable, read-only memory) for storing the encrypted location information (see column 7, lines 43-52 & column 12, lines 31-49).
- A processing module (205, Fig.2) for sending the encrypted location information in the storage module disposed in the device and retrieving the encrypted location in the storage module is met that "the central processing unit utilizing encoded and encrypted instructions with processing capability in accordance with the available memory-210 (see column 7, lines 42-57 and column 8, lines 10-25).
- An input module disposed on the housing configured for receiving a fingerprint from a user (see column 7, lines 25-27), wherein the user's identify is used for encrypting and decrypting the location information stored in the storage module (see column 12, lines 5-49).

Adcox discloses:

- A processing module for sending the encrypted location information to the removable storage module (see column 4, lines 25-29)

It would have been obvious to modify Larschan by incorporating the teaching of Adcox's system to have a processing module sending the encrypted location information to the removable storage so that the mobile device is enable to secure the data storage.

With regard to claim 2, Larschan teaches verifying the ID of a user of the device (see column 12, lines 8-10)

With regard to claim 3-10 & 15-18, Larschan teaches a user verification module including an identity capture device for indicating an identity of the user, the identity capture device disposed on the housing, wherein the user verification module verifies the identify of the user of the device, and upon verification, the processing module is configured to submit the received code string of the user to the encryption module for decrypting the location information stored in the removable storage module (see Fig.1-2, column 12, lines 5-49).

With regard to claim 11 & 20, Larchan teaches that the location information is at least one of tranveled route, a home address, destination addresses and velocity of the device at predetermine times (see column 10, lines 18-37).

With regard to claim 12, 14,19 & 22, Adcox teaches transmitting the encrypted location information to an external device (see column 4, lines 39-44).

With regard to claim 21, Adcox teaches the external device comprising a central database which is periodically update the database (see column 6, lines 8-15) which meets the claim.

Response to Amendment

5. Applicant's reply to the Office Action on 12/08/2010 has been fully considered but they are not persuasive.

With respect to claim 1-22, applicant argues that the prior arts (Larschan and Adcox) do not teach the claims limitations with examiner's responses following below.

- A location information device with secure data storage is met by the teaching of Larschan who discloses a method and system for security logging and reporting driver activity (see the abstract)
- "A removable storage module for storing the encrypted location information" is met by the teaching of Adcox who discloses a tracking system. Adcox teaches that a processor includes code/decode element which coding the location information and sending to the storage (see fig,1, column 4, lines 3-29)

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to NGA X. NGUYEN whose telephone number is (571)272-5217. The examiner can normally be reached on 8:00AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, TARCZA H. THOMAS can be reached on (571) 272-6979. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Application/Control Number: 12/753,963
Art Unit: 3662

Page 8

NGA X NGUYEN
Examiner
Art Unit 3662

NXN

/Thomas H. Tarcza/
Supervisory Patent Examiner, Art Unit 3662

Notice of References Cited	Application/Control No. 12/753,963	Applicant(s)/Patent Under Reexamination ROTHSCHILD, LEIGH M.	
	Examiner NGA X. NGUYEN	Art Unit 3662	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-7,117,075	10-2006	Larschan et al.	701/35
*	B	US-6,359,570	03-2002	Adcox et al.	340/902
*	C	US-2004/0010699	01-2004	Shao et al.	713/189
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Search Notes 	Application/Control No. 12753963	Applicant(s)/Patent Under Reexamination ROTHSCHILD, LEIGH M.
	Examiner NGA X NGUYEN	Art Unit 3662

SEARCHED			
Class	Subclass	Date	Examiner
342	357.01-357.17	9/7/2010	NXN
342	357.40 (Office of Patent Classification)	9/7/2010	NXN

SEARCH NOTES		
Search Notes	Date	Examiner
TEXT SEARCH	9/7/2010	NXN
TEXT SEARCH	01/04/2011	NXN

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner

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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("20100198510").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/07 10:44
S2	2	("7692580").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/07 10:48
S3	2	("7117075").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/07 10:59
S4	2	("5748147").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/07 11:21
S5	4	342/357.01-357.17.ccls.	USPAT	OR	OFF	2010/09/07 11:23

S6	453	342/357.01-357.17.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/07 11:23
S7	0	S6 and encrypt\$3 with location adj information	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/07 11:24
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S12	93	S11 and removable adj storage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/07 13:10
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S14	25	S12 and decrypt	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/07 13:10
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S20	20286	positio\$4 adj system and stor\$3 with (encrypt\$3 or cod\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/04 13:25
S21	5433	S20 and GPS and location adj information	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/04 13:26
S22	8	S21 and processor with retriev\$3 with (encrypt\$3 or encod\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/04 13:27
S23	176	S21 and secure adj data	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/04 14:30

EAST Search History (Interference)

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2/ 7/ 2011 11:03:44 AM

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<i>Index of Claims</i> 	Application/Control No. 12753963	Applicant(s)/Patent Under Reexamination ROTHSCHILD, LEIGH M.
	Examiner NGA X NGUYEN	Art Unit 3662

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant				☐ CPA		☐ T.D.		☐ R.1.47	
CLAIM		DATE							
Final	Original	09/07/2010	02/07/2011						
	1	✓	✓						
	2	✓	✓						
	3	✓	✓						
	4	✓	✓						
	5	✓	✓						
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	20	✓	✓						
	21	✓	✓						
	22	✓	✓						

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POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS	Application Number	12/753,963
	Filing Date	April 5, 2010
	First Named Inventor	Leigh M. Rothschild
	Title	Device, System, and Method for Control- ...
	Art Unit	3662
	Examiner Name	Nguyen, NGA
	Attorney Docket Number	Leigh-4 CON

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

OR

☐ I hereby appoint Practitioner(s) named below as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

Practitioner(s) Name	Registration Number

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OR

☐ Firm or Individual Name

Address

City

Country

Telephone

State

Zip

Email

I am the:

☐ Applicant/Inventor.

OR

☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) (Form PTO/SB/96) submitted herewith or filed on _____

SIGNATURE of Applicant or Assignee of Record

Signature	Date
Name	Telephone
Title and Company	

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Electronic Acknowledgement Receipt	
EFS ID:	10020353
Application Number:	12753963
International Application Number:	
Confirmation Number:	5769
Title of Invention:	DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE INFORMATION ON A GPS DEVICE
First Named Inventor/Applicant Name:	Leigh M. Rothschild
Customer Number:	01218
Filer:	Atanu Das
Filer Authorized By:	
Attorney Docket Number:	LEIGH-4 CON
Receipt Date:	04-MAY-2011
Filing Date:	05-APR-2010
Time Stamp:	15:33:02
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment		no			
File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	L-4- CON_Change_POA_Signed.pdf	147524 f607cb008a43e23f4cc18a852f62d887c8d212a9	no	1
Warnings:					
Information:					

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS	Application Number	12/753,563
	Filing Date	April 5, 2010
	First Named Inventor	Lough M. Rothschild
	Title	Device, System, and Method for Control ...
	Art Unit	3662
	Examiner Name	Nguyen, NG3A
	Attorney Docket Number	Lough-4 CON

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

97498

OR

☐ I hereby appoint Practitioner(s) named below as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

Practitioner(s) Name	Registration Number

Please recognize or change the correspondence address for the above-identified application to:

☐ The address associated with the above mentioned Customer Number.

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☐ The address associated with Customer Number:

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☐ Firm or Individual Name:

Address:

City:

State:

Zip:

Country:

Telephone:

Email:

I am the:

☐ Applicant/Inventor.

OR

☐ Assignee of record of the entire interest. See 37 CFR 3.71.

☐ Statement under 37 CFR 3.73(c) (Form PTO/GB-96) submitted herewith or filed on _____.

SIGNATURE of Applicant or Assignee of Record

Signature	Date
Name	Telephone
Title and Company	

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ *Total of _____ forms are submitted.

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If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Electronic Acknowledgement Receipt	
EFS ID:	10033651
Application Number:	12753963
International Application Number:	
Confirmation Number:	5769
Title of Invention:	DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE INFORMATION ON A GPS DEVICE
First Named Inventor/Applicant Name:	Leigh M. Rothschild
Customer Number:	01218
Filer:	Atanu Das
Filer Authorized By:	
Attorney Docket Number:	LEIGH-4 CON
Receipt Date:	06-MAY-2011
Filing Date:	05-APR-2010
Time Stamp:	00:14:36
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment		no			
File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	L-4_CON_POA_5-5.pdf	498852 7d3c9df9e79e07f855c560c075b8b5107cdbc2d	no	1
Warnings:					
Information:					

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

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National Stage of an International Application under 35 U.S.C. 371

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New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL **(Submitted Only via EFS-Web)**

Application Number	12/753,963	Filing Date	2010-04-05	Docket Number (if applicable)	Leigh-4 CON	Art Unit	3662
First Named Inventor	Leigh M. Rothschild			Examiner Name	Nguyen, NGA		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.

Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

☐ Other _____

☒ Enclosed

☒ Amendment/Reply

☐ Information Disclosure Statement (IDS)

☐ Affidavit(s)/ Declaration(s)

☐ Other _____

MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____
 (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

FEES

The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

☐ The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No _____

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☒ Patent Practitioner Signature

☐ Applicant Signature

Doc code: RCEX

Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (07-09)

Approved for use through 07/31/2012. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Signature of Registered U.S. Patent Practitioner			
Signature	/Atanu Das/	Date (YYYY-MM-DD)	2011-05-09
Name	Atanu Das	Registration Number	62413

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

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Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

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2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. Leigh-4 CON

In re the Application of:	)	
	)	
Leigh M. Rothschild.	)	
	)	Group Art Unit: 3662
Serial No.: 12/753,963	)	
	)	Examiner: Nguyen, NGA
Filed: April 5, 2010	)	
	)	Confirmation No.: 5769
For: Device, System and Method for	)	
Controlling and Storing Sensitive	)	
Information on a GPS Device	)	

Mail Stop Amendment
Commissioner for Patents
P.O.Box 1450
Alexandria, VA 22313-1450

RESPONSE TO THE FINAL OFFICE ACTION MAILED FEBRUARY 8, 2011

Dear Madam:

In response to the Final Office Action mailed February 8, 2011, Applicant submits the following amendments to the claims, which begin on page 2, and remarks, which begin on page 6.

AMENDMENTS TO THE CLAIMS

1. (Previously Presented) A location information device with secure data storage comprising:
 - a housing;
 - a locational information module for determining location information of the device, the determined location information being at least one route traveled by the device;
 - an encryption module for encrypting the determined location information;
 - a removable storage module for storing the encrypted location information, the removable storage module being removably disposed in the housing; and
 - a processing module for sending the encrypted location information to the removable storage module removably disposed in the housing and retrieving the encrypted location information from the removable storage module.
2. (Previously Presented) The device as in claim 1, further comprising an input module disposed on the housing configured for receiving a code string input by a user, wherein the user inputted code string is used for encrypting and decrypting the location information stored in the removable storage module.
3. (Previously Presented) The device as in claim 1, further comprising a user verification module for verifying the identity of user of the device, wherein the processing module selectively decrypts the location information stored in the removable storage module based on the identity of the user.
4. (Original) The device as in claim 3, wherein the user verification module executes a password protection algorithm for verifying the identity of the user of the device.
5. (Original) The device as in claim 3, wherein the user verification module further comprises an identity capture device for verifying the identity of the user of the device.
6. (Original) The device as in claim 5, wherein the identity capture device is a biometric device.

7. (Original) The device as in claim 5, wherein the identity capture device is a retinal scanning device.
8. (Original) The device as in claim 5, wherein the identity capture device is a finger print reader.
9. (Original) The device as in claim 5, wherein the identity capture device is a facial recognition reader.
10. (Original) The device as in claim 5, wherein the identity capture device is a DNA detection device.
11. (Original) The device as in claim 1, wherein the location information further includes at least one of a home address, destination addresses and velocity of the device at predetermined times.
12. (Original) The device as in claim 1, further comprising a transmission module for transmitting the encrypted location information to an external computing device.
13. (Previously Presented) A location information device with secure data storage comprising:
 a housing;
 a locational information module for determining location information of the device, the determined location information being at least one route traveled by the device;
 an encryption module for encrypting the determined location information;
 a storage module for storing the encrypted location information; and
 a processing module for sending the encrypted location information to the storage module and retrieving the encrypted location information from the storage module.
14. (Previously Presented) The device as in claim 13, further comprising a transmission module for transmitting the encrypted location information from the storage module to an external computing device.

15. (Previously Presented) The device as in claim 14, further comprising an input module disposed on the housing configured for receiving a code string input by a user, wherein the user inputted code string is used for encrypting and decrypting the location information stored in the storage module.

16. (Previously Presented) The device as in claim 14, further comprising a user verification module for verifying the identity of user of the device, wherein the processing module selectively decrypts the location information stored in the storage module based on the identity of the user.

17. (Original) The device as in claim 16, wherein the user verification module executes a password protection algorithm for verifying the identity of the user of the device.

18. (Original) The device as in claim 16, wherein the user verification module further comprising an identity capture device for verifying the identity of the user of the device.

19. (Previously Presented) A system for controlling and storing location information comprising:
a location information device with secure data storage comprising:

a housing;

a locational information module for determining location information of the location information device, the determined location information being at least one route traveled by the location information device;

an encryption module for encrypting the determined location information;

a removable storage module for storing the encrypted location information, the removable storage module being removably disposed in the housing; and

a processing module for sending the encrypted location information to the removable storage module removably disposed in the housing and retrieving the encrypted location information from the removable storage module; and

a computing device comprising:

a reader configured for reading the removable storage module of the location information device when the removable storage module is removably disposed in the reader; and

a processor configured to execute a decryption program for decrypting the encrypted location information on the removable storage module removably disposed in the reader.

20. (Original) The system as in claim 19, wherein the location information further includes at least one of a home address, destination addresses and velocity of the device at predetermined times.

21. (Original) The system as in claim 19, wherein the computing device further comprises a memory for storing a plurality of geographical maps and the processor is configured to overlay the location information on at least one of the plurality of geographical maps.

22. (Previously Presented) A system for controlling and storing location information comprising:

a location information device with secure data storage comprising:

a housing;

location information module for determining location information of the location information device, the determined location information being at least one route traveled by the location information device;

an encryption module for encrypting the determined location information;

a storage module for storing the encrypted location information;

a processing module for sending the encrypted location information to the storage module and retrieving the encrypted location information from the storage module; and

a transmission module for transmitting the encrypted location information from the storage module to an external computing device; and

the external computing device comprising:

a connectivity device configured for receiving the encrypted location information from the location information device; and

a processor configured to execute a decryption program for decrypting the encrypted location information received from the location information device.

REMARKS

I Office Action Summary

In the Office Action dated February 8, 2011, claims 1-22 were rejected under 35 U.S.C. 103(a) as being unpatentable over US Pat. No. 7,117,075 (Larschan) in view of US Pat. No. 6,359,570 (Adcox). Further, claims 1-22 are rejected based on nonstatutory obviousness-type double patenting.

II Interview Summary

Applicant would like to thank Examiner Nguyen for the courtesy of the telephonic interview conducted on May 5, 2011 with Applicant's representative, Atanu Das (Registration No. 62,413). During the Interview, the Larschan and Adcox references were discussed as well as aspects of the pending disclosure. Further, Applicant's representative discussed the patentable distinctions between the pending disclosure and the cited references. No agreement was reached other than that Application would submit remarks to discuss the patentable distinctions between the claims and the cited references to the Examiner in this Response.

III Terminal Disclaimer

In response to the nonstatutory obviousness-type double patenting rejections, Applicant submits a terminal disclaimer pursuant to 37 C.F.R. 1.321(c). Applicant submits the terminal disclaimer to advance prosecution, without conceding that the double patenting rejection is properly based. Filing this terminal disclaimer does not act as an admission to, acquiescence of, or estoppel on the merits of the issue of obviousness. In addition, Applicant submits the associated fee for the terminal disclaimer with this response.

IV Response to the Rejections

A. *Independent Claims*

Independent claims 1 recites “a processing module for sending the encrypted location information to removable storage module.” The Office Action cites that Adcox discloses “a

processing module for sending the encrypted location information to removable storage module.” (Col. 4, ll. 25-29). Applicant respectfully disagrees. Adcox discloses a vehicle-status device and system for remotely updating and locally indicating the status of a vehicle. (Abstract). A “paging network encodes the updated status information and uses the VID of the vehicle to transmit a paging signal with the encoded status information 14 to the vehicle.” (Col. 4, ll. 16-19). Further, the processor includes a coder/decoder 17 which extracts the updated status information from the paging signal” and the stores the extracted information in a memory device. (Col. 4, ll.25-29). In addition, a processor is notified of a trigger, “pulls the current status information from the memory and uses the coder/decoder 17 to encode the information.” (Col. 4, ll.38-41). The encoded information is transmitted via an RF transmitter to the police unit. (Col. 4, ll.41-44). Applicant submits that nowhere in the Adcox does it disclose “an encryption module for *encrypting the determined location information*,” and a “*a processing module for sending the encrypted location information to removable storage module*.” Instead, the processor includes a coder/decoder 17 which “*extracts the updated status information from the paging signal*” and then “*stores the extracted information in a memory device*.” (Col. 4, ll.25-29). In Adcox, the extracted information is not encrypted when stored in memory which is patentable distinct from claim 1 reciting “*a processing module for sending the encrypted location information to removable storage module*.”

Further, Adcox does not disclose encryption but instead discloses encoding. There are differences between encryption and encoding. The purpose of encoding is to transform data so that it can be properly transmitted and received by a different type of system, e.g. binary data being sent over email, or viewing special characters on a web page. The goal is not to keep information secret, but rather to ensure that it is usable. Encoding transforms data into another format using a scheme that is publicly available so that it can easily be reversed. Further, encoding is for maintaining data usability and uses schemes that are publicly available¹. For example, Manchester coding is a technique used to transmit data over a radio Frequency (RF) communication link. A Manchester encoder may transmit the encoded data at a RF transmitter and a Manchester decoder may receive the encoded data at a RF receiver. The purpose of the encoder scheme is not to hide data but may be instead to preserve

¹ See blog post by Daniel Miessler, IT Security Expert at http://danielmiessler.com/study/encoding_vs_encryption/

the integrity of the data as it traverses the RF communication link such that it is not corrupted by noise².

Alternatively, the purpose of encryption is to transform data in order to keep it secret from others, e.g. sending someone a secret letter that only they should be able to read, or securely sending a password over the Internet. Rather than focusing on usability, the goal is to ensure the data cannot be consumed by anyone other than the intended recipient(s). Encryption transforms data into another format in such a way that only specific individual can reverse the transformation. Further, Encryption is for maintaining data confidentiality and thus the ability to reverse the transformation (keys) are limited to certain people³. For example, DES (Data Encryption Standard) may be used to encrypt data and the intended recipients must use a decrypting key to decrypt and use the data.

Further, the element "a processing module for sending the encrypted location information to removable storage module" is not inherent in the Adcox disclosure. As stated in Section 2112 Part IV of the MPEP, "The fact that a certain result or characteristic may occur or be present in the prior art is not sufficient to establish the inherency of that result or characteristic. (In re Rijckaert, 9 F.3d 1531, 1534, 28 USPQ2d 1955, 1957 (Fed. Cir. 1993) (reversed rejection because inherency was based on what would result due to optimization of conditions, not what was necessarily present in the prior art)); (In re Oelrich, 666 F.2d 578, 581-82, 212 USPQ 323, 326 (CCPA 1981)). "To establish inherency, the extrinsic evidence 'must make clear that the missing descriptive matter is necessarily present in the thing described in the reference, and that it would be so recognized by persons of ordinary skill. Inherency, however, may not be established by probabilities or possibilities. The mere fact that a certain thing may result from a given set of circumstances is not sufficient.'" (In re Robertson, 169 F.3d 743, 745, 49 USPQ2d 1949, 1950-51 (Fed. Cir. 1999)).

Thus, encoding means transforming data into another format using a scheme that is publicly available so that it can easily be reversed which is different than encryption which means transforming data into another format in such a way that only specific individual can reverse the transformation. Therefore, because encoding and encryption have separate and distinct meanings, extrinsic evidence does not make clear that the missing descriptive matter is necessarily present in the thing described in the reference, and that it would be so recognized by persons of ordinary skill" as stated in Section 2112 Part IV of the MPEP and such inherency fails as reason for suggesting the recited element of claim 1 is disclosed in Adcox.

² www.atmel.com/dyn/resources/prod_documents/doc9164.pdf

³ See blog post by Daniel Miessler, IT Security Expert at http://danielmiessler.com/study/encoding_vs_encryption/

Hence based on the foregoing remarks, Applicant respectfully requests that the rejection of Claim 1 based on the combination of Larschan and Adcox be withdrawn and that the claim be allowed. In addition, because independent claims 13, 19 and 22 also include substantially similar elements as the recited element of claim 1, the rejections of claims 13, 19, and 22 based on the combination of Larschan and Adcox also be withdrawn and that the claims be allowed.

B. Dependent Claims

Applicant submits that claims 2-12, 14-18, and 20-21 which respectively depend from independent claims 1, 13, 19, and 22. Therefore, the dependent claims are allowable for at least the same reasons as allowable independent claims 1, 13, 19, and 22.

V Conclusion

Applicant submits that the pending claims are in condition for allowance. Applicants request reconsideration of the claims in view of the amendments and above remarks. Further, the Examiner is invited to contact the undersigned if it would be of assistance to the Examiner.

Dated: May 9, 2011

Respectfully submitted,

Da Vinci Intellectual Property

By: /Atanu Das/

Atanu Das

Reg. No. 62,413

Telephone: 630-710-0094

TERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING REJECTION OVER A "PRIOR" PATENT	Docket Number (Optional) Leigh-4 CON
In re Application of: Leigh M. Rothschild Application No.: 12/753,963 Filed: April 5, 2010 For: : Device, System and Method for Controlling and Storing Sensitive Information on a GPS Device The owner*, <u>Reagan Inventions, LLC</u>, of <u>100</u> percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term prior patent No. <u>7,692,580</u> as the term of said prior patent is defined in 35 U.S.C. 154 and 173, and as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns. In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 and 173 of the prior patent, "as the term of said prior patent is presently shortened by any terminal disclaimer," in the event that said prior patent later: - expires for failure to pay a maintenance fee; - is held unenforceable; - is found invalid by a court of competent jurisdiction; - is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321; - has all claims canceled by a reexamination certificate; - is reissued; or - is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer. Check either box 1 or 2 below, if appropriate. 1. ☐ For submissions on behalf of a business/organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned is empowered to act on behalf of the business/organization. I hereby declare that all statements made herein of my own knowledge are true and that all statements made in information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. 2. ☒ The undersigned is an attorney or agent of record. Reg. No. <u>62,413</u> <u>/Atanu Das/</u> Signature <u>5/9/11</u> Date <u>Atanu Das</u> Typed or printed name <u>630-710-0094</u> Telephone Number ☒ Terminal disclaimer fee under 37 CFR 1.20(d) included. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. *Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner). Form PTO/SB/96 may be used for making this certification. See MPEP § 324.	

This collection of information is required by 37 CFR 1.321. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal				
Application Number:		12753963		
Filing Date:		05-Apr-2010		
Title of Invention:		DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE INFORMATION ON A GPS DEVICE		
First Named Inventor/Applicant Name:		Leigh M. Rothschild		
Filer:		Atanu Das		
Attorney Docket Number:		LEIGH-4 CON		
Filed as Small Entity				
Utility under 35 USC 111(a) Filing Fees				
Description		Fee Code	Quantity	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Request for continued examination	2801	1	405	405
Statutory or terminal disclaimer	2814	1	70	70
Total in USD (\$)				475

Electronic Acknowledgement Receipt	
EFS ID:	10053259
Application Number:	12753963
International Application Number:	
Confirmation Number:	5769
Title of Invention:	DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE INFORMATION ON A GPS DEVICE
First Named Inventor/Applicant Name:	Leigh M. Rothschild
Customer Number:	01218
Filer:	Atanu Das
Filer Authorized By:	
Attorney Docket Number:	LEIGH-4 CON
Receipt Date:	09-MAY-2011
Filing Date:	05-APR-2010
Time Stamp:	20:33:08
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$475
RAM confirmation Number	6948
Deposit Account	
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
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1	Request for Continued Examination (RCE)	RCE_Transmittal_Leigh-4_CON.pdf	697813	no	3
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Warnings:					
Information:					
2		L-4_CON_ROA_5-9-11.pdf	52130	yes	9
			551fd2931a1385a3330e69b0cdc6aa91bdf4d452		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Amendment After Final		1	1	
	Claims		2	5	
	Applicant Arguments/Remarks Made in an Amendment		6	9	
Warnings:					
Information:					
3	Miscellaneous Incoming Letter	L-4_CON_Terminal_Disclaimer.pdf	210341	no	2
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Warnings:					
Information:					
4	Fee Worksheet (PTO-875)	fee-info.pdf	31898	no	2
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Warnings:					
Information:					
Total Files Size (in bytes):			992182		

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875					Application or Docket Number 12/753,963		Filing Date 04/05/2010		☐ To be Mailed		
APPLICATION AS FILED – PART I											
(Column 1)			(Column 2)			SMALL ENTITY ☒		OR		OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)			RATE (\$)	FEE (\$)			
☒ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	82			N/A				
☐ SEARCH FEE (37 CFR 1.16(k), (j), or (m))	N/A	N/A	N/A				N/A				
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A				N/A				
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X \$	=			X \$	=			
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X \$	=			X \$	=			
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).										
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))											
* If the difference in column 1 is less than zero, enter "0" in column 2.											
				TOTAL	82			TOTAL			
APPLICATION AS AMENDED – PART II											
(Column 1)			(Column 2)			SMALL ENTITY		OR		OTHER THAN SMALL ENTITY	
AMENDMENT	05/09/2011	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)			RATE (\$)	ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	* 22	Minus	** 22	= 0	X \$26 =	0	OR		X \$ =	
	Independent (37 CFR 1.16(h))	* 4	Minus	***4	= 0	X \$110 =	0	OR		X \$ =	
	☐ Application Size Fee (37 CFR 1.16(s))							OR			
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR			
						TOTAL ADD'L FEE	0	OR		TOTAL ADD'L FEE	
AMENDMENT	Total (37 CFR 1.16(i))	*	Minus	**	=	X \$	=	OR		X \$	=
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$	=	OR		X \$	=
	☐ Application Size Fee (37 CFR 1.16(s))							OR			
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR			
						TOTAL ADD'L FEE		OR		TOTAL ADD'L FEE	
								OR			
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.											

Legal Instrument Examiner:
/GWENDOLYN MYERS/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/753,963	04/05/2010	Leigh M. Rothschild	LEIGH-4 CON	5769
1218	7590	05/11/2011		
HESPOS & PORCO LLP 110 West 40th Street Suite 2501 NEW YORK, NY 10018			EXAMINER NGUYEN, NGA X	
			ART UNIT 3662	PAPER NUMBER
			MAIL DATE 05/11/2011	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Interview Summary	Application No.	Applicant(s)	
	12/753,963	ROTHSCHILD, LEIGH M.	
	Examiner	Art Unit	
	NGA X. NGUYEN	3662	

All participants (applicant, applicant's representative, PTO personnel):

(1) NGA X. NGUYEN. (3) _____.

(2) Atanu Das. (4) _____.

Date of Interview: 05 May 2011.

Type: a) ☒ Telephonic b) ☐ Video Conference
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.
If Yes, brief description: _____.

Claim(s) discussed: 1.

Identification of prior art discussed: Adcox (6359570).

Agreement with respect to the claims f) ☐ was reached. g) ☐ was not reached. h) ☒ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant argues that Adcox does not teach the information in the memory being encrypted. He pointed Adcox (column 4, lines 39-43) teaches that the device retrieved information from the memory, then encoded in order to transfer to the transmitter. Therefore the information in the memory is not encoded yet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

/NGA X NGUYEN/ Examiner, Art Unit 3662	5/5/2011
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Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/753,963	04/05/2010	Leigh M. Rothschild	LEIGH-4 CON

CONFIRMATION NO. 5769

MISCELLANEOUS NOTICE



OC000000047622830

1218
HESPOS & PORCO LLP
110 West 40th Street
Suite 2501
NEW YORK, NY 10018

Date Mailed: 05/12/2011

A communication which cannot be delivered in electronic form has been mailed to the applicant.



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UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/753,963	04/05/2010	Leigh M. Rothschild	LEIGH-4 CON

CONFIRMATION NO. 5769

1218
 HESPOS & PORCO LLP
 110 West 40th Street
 Suite 2501
 NEW YORK, NY 10018



OC000000047622830

Cc: DAVINCI INTELLECTUAL PROPERTY LLC
 2851 N. BURLING ST UNIT 1S
 CHICAGO, IL 60657

Date Mailed: 05/12/2011

DENIAL OF REQUEST FOR POWER OF ATTORNEY

The request for Power of Attorney filed 05/04/2011 is acknowledged. However, the request cannot be granted at this time for the reason stated below.

- ☐ The Power of Attorney you provided did not comply with the new Power of Attorney rules that became effective on June 25, 2004. See 37 CFR 1.32.
- ☒ The revocation is not signed by the applicant, the assignee of the entire interest, or one particular principal attorney having the authority to revoke.
- ☐ The Power of Attorney is from an assignee and the Certificate required by 37 CFR 3.73(b) has not been received.
- ☐ The person signing for the assignee has omitted their empowerment to sign on behalf of the assignee.
- ☐ The inventor(s) is without authority to appoint attorneys since the assignee has intervened as provided by 37 CFR 3.71.
- ☐ The signature(s) of _____, a co-inventor in this application, has been omitted. The Power of Attorney will be entered upon receipt of confirmation signed by said co-inventor(s).
- ☐ The person(s) appointed in the Power of Attorney is not registered to practice before the U.S. Patent and Trademark Office.

Questions relating to this Notice should be directed to the Application Assistance Unit.

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

1218 7590 10/11/2011
HESPOS & PORCO LLP
110 West 40th Street
Suite 2501
NEW YORK, NY 10018

EXAMINER

NGUYEN, NGA X

ART UNIT

PAPER NUMBER

3662

DATE MAILED: 10/11/2011

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/753,963	04/05/2010	Leigh M. Rothschild	LEIGH-4 CON	5769
TITLE OF INVENTION: DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE INFORMATION ON A GPS DEVICE				

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$870	\$300	\$0	\$1170	01/11/2012

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

1218 7590 10/11/2011
HESPOS & PORCO LLP
110 West 40th Street
Suite 2501
NEW YORK, NY 10018

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

12/753,963 04/05/2010 Leigh M. Rothschild LEIGH-4 CON 5769

TITLE OF INVENTION: DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE INFORMATION ON A GPS DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional YES \$870 \$300 \$0 \$1170 01/11/2012

EXAMINER	ART UNIT	CLASS-SUBCLASS
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NGUYEN, NGA X 3662 342-357400

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
☐ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (**Please first reapply any previously paid issue fee shown above**)

- ☐ A check is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/753,963	04/05/2010	Leigh M. Rothschild	LEIGH-4 CON	5769
1218	7590	10/11/2011	EXAMINER	
HESPOS & PORCO LLP 110 West 40th Street Suite 2501 NEW YORK, NY 10018			NGUYEN, NGA X	
			ART UNIT	PAPER NUMBER
			3662	

DATE MAILED: 10/11/2011

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 31 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 31 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No.	Applicant(s)	
	12/753,963	ROTHSCHILD, LEIGH M.	
	Examiner	Art Unit	
	NGA X. NGUYEN	3662	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 5/9/2011.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on ____; the restriction requirement and election have been incorporated into this action.

3. ☒ The allowed claim(s) is/are 1-22.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) ☐ All b) ☐ Some* c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. ____.

3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.

(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date ____ 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	5. ☐ Notice of Informal Patent Application 6. ☐ Interview Summary (PTO-413), Paper No./Mail Date ____ 7. ☐ Examiner's Amendment/Comment 8. ☒ Examiner's Statement of Reasons for Allowance 9. ☐ Other ____
---	---

NGA X. NGUYEN Examiner Art Unit: 3662	
---	--

Allowable Subject Matter

1. The following is an examiner's statement of reasons for allowance: The closest prior arts does not teach or make obvious:

- "A removable storage module for storing the encrypted location ..."

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to NGA X. NGUYEN whose telephone number is (571)272-5217. The examiner can normally be reached on 8:00AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, TARCZA H. THOMAS can be reached on (571) 272-6979. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

NGA X. NGUYEN
Examiner
Art Unit 3662

NXN

/Thomas H. Tarcza/
Supervisory Patent Examiner, Art Unit 3662

Notice of References Cited	Application/Control No. 12/753,963	Applicant(s)/Patent Under Reexamination ROTHSCHILD, LEIGH M.	
	Examiner NGA X. NGUYEN	Art Unit 3662	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-7,117,075	10-2006	Larschan et al.	701/35
*	B	US-6,359,570	03-2002	Adcox et al.	340/902
*	C	US-2005/0037773	02-2005	Holland et al.	455/456.1
*	D	US-6,490,521	12-2002	Wiener, Christopher R.	701/211
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Search Notes 	Application/Control No. 12753963	Applicant(s)/Patent Under Reexamination ROTHSCHILD, LEIGH M.
	Examiner NGA X NGUYEN	Art Unit 3662

SEARCHED			
Class	Subclass	Date	Examiner
342	357.01-357.17	9/7/2010	NXN
342	357.40 (Office of Patent Classification)	9/7/2010	NXN
342	357.4, 357.74	10/05/2011	NXN
701	209, 213	10/05/2011	NXN

SEARCH NOTES		
Search Notes	Date	Examiner
TEXT SEARCH	9/7/2010	NXN
TEXT SEARCH	01/04/2011	NXN
TEXT SEARCH	10/05/2011	NXN

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner
701	209	10/05/2011	NXN
342	357.4	10/05/2011	NXN
TEXT SEARCH		10/05/2011	NXN

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<i>Index of Claims</i> 	Application/Control No. 12753963	Applicant(s)/Patent Under Reexamination ROTHSCHILD, LEIGH M.
	Examiner NGA X NGUYEN	Art Unit 3662

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☒ Claims renumbered in the same order as presented by applicant					☐ CPA		☐ T.D.		☐ R.1.47	
CLAIM		DATE								
Final	Original	09/07/2010	02/07/2011	10/05/2011						
	1	✓	✓	=						
	2	✓	✓	=						
	3	✓	✓	=						
	4	✓	✓	=						
	5	✓	✓	=						
	6	✓	✓	=						
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	18	✓	✓	=						
	19	✓	✓	=						
	20	✓	✓	=						
	21	✓	✓	=						
	22	✓	✓	=						

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	51	"5434787"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/05 15:07
L2	1	("5434787").PN.	USPAT; USOCR	OR	OFF	2011/10/05 15:07
L3	2	((("5754657") or ("6104815"))).PN.	USPAT; USOCR	OR	OFF	2011/10/05 15:11
L4	0	342/357.40.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/05 15:19
L5	215	342/357.4.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/05 15:20
L6	274714	5 and encrypt or authenticat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/05 15:21
L7	15	5 and (encrypt or authenticat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/05 15:21
L8	465	342/357.74.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/05 15:27

L9	9	8 and location adj information with stor \$3 with transmit	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/05 15:27
L10	1	9 and (encrypt or authentica\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/05 15:29
L11	60	5 and (encrypt or authentica\$3 or encod \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/05 15:36
L12	73	tracking adj system and information with route adj travel and (encrypt or authentica \$3 or encod\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/05 15:49
L13	67	tracking adj system and information with route adj travel and (encrypt or authentica \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/05 15:49
L14	2337	701/209.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/05 16:25
L15	6	14 and information with route adj travel and (encrypt or authentica\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/05 16:25
S1	8687	342/357.2-357.78.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/05 10:38

S2	709	S1 and information with (encod\$3 or encrypt\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/05 10:39
S3	89	S1 and information with (encod\$3 or encrypt\$3) with stor\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/05 10:39
S4	31	S1 and information with (encod\$3 or encrypt\$3) with stor\$3 and retriev\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/05 10:41
S5	2	"20100198510"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/05 10:47
S6	3639	701/213.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/05 10:48
S7	35	S6 and information with (encod\$3 or encrypt\$3) with stor\$3 and retriev\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/05 10:50

EAST Search History (I nterference)

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10/ 5/ 2011 5:18:55 PM**C:\ Documents and Settings\ nnguyen7\ My Documents\ EAST\ Workspaces\ 12753963-Controlling and Storing Sensitive I nformation on A GPS Device.wsp**

Issue Classification 	Application/Control No. 12753963	Applicant(s)/Patent Under Reexamination ROTHSCHILD, LEIGH M.
	Examiner NGA X NGUYEN	Art Unit 3662

ORIGINAL						INTERNATIONAL CLASSIFICATION														
CLASS		SUBCLASS				CLAIMED					NON-CLAIMED									
342		357.4				G	0	1	S	19 / 03 (2010.0)					G	0	1	C	21 / 30 (2006.0)	
CROSS REFERENCE(S)																				
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)																			
701	209																			

☒ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original

/NGA X NGUYEN/ Examiner.Art Unit 3662 (Assistant Examiner)	10/05/2011 (Date)	Total Claims Allowed: 22	
/THOMAS TARCZA/ Supervisory Patent Examiner.Art Unit 3662 (Primary Examiner)	10/07/2011 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure Fig.2

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS	Application Number	12/753963
	Filing Date	April 5, 2010
	First Named Inventor	Leigh M. Rothschild
	Title	Device, System and Method
	Art Unit	3662
	Examiner Name	NGUYEN, NGA X
	Attorney Docket Number	Leigh-4 CON

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

97498

OR

☐ I hereby appoint Practitioner(s) named below as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

Practitioner(s) Name	Registration Number

Please recognize or change the correspondence address for the above-identified application to:

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OR

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Address

City

State

Zip

Country

Telephone

Email

I am the:

☒ Applicant/Inventor.

OR

☐ Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) (Form PTO/SB/96) submitted herewith or filed on _____.

SIGNATURE of Applicant or Assignee of Record

Signature

Date

Name

Telephone

Title and Company

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.☐ *Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Electronic Acknowledgement Receipt	
EFS ID:	11224858
Application Number:	12753963
International Application Number:	
Confirmation Number:	5769
Title of Invention:	DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE INFORMATION ON A GPS DEVICE
First Named Inventor/Applicant Name:	Leigh M. Rothschild
Customer Number:	1218
Filer:	Atanu Das
Filer Authorized By:	
Attorney Docket Number:	LEIGH-4 CON
Receipt Date:	19-OCT-2011
Filing Date:	05-APR-2010
Time Stamp:	23:28:54
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment		no			
File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	L-4_CON_POA_Signed.pdf	182506 0e4bd95774d710f9bc20e79cd4f89938c3d3992d	no	1
Warnings:					
Information:					

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS	Application Number	121752863
	Filing Date	April 5, 2010
	First Named Inventor	Leigh M. Rothschild
	Title	Device, System and Method
	Art Unit	3852
	Examiner Name	NGUYEN, NGAI X
	Attorney Docket Number	Leigh-4 CON

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected herewith:

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☐ I hereby appoint Practitioner(s) named below as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected herewith:

Practitioner(s) Name	Registration Number

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☐ The address associated with Customer Number:

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I am the:

☒ Applicant/Inventor.

OR

☐ Assignee of record of the online interest. See 37 CFR 2.71.☐ Statement under 37 CFR 2.73(b) (Form PTO/SB/94) submitted herewith or filed on _____.

SIGNATURE of Applicant or Assignee of Record

Signature

Name

Leigh Rothschild

Title and Company

Date

Jan 17/11

Telephone

NOTE: Signatures of all the inventors or assignees of record of the online interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.☐ Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public, which is to be paid by the USPTO to process an application. Confidentiality is governed by 35 USC 1.122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. For information on the process of how you request to complete this form and/or suggestions for reducing this burden, please write to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1458, Alexandria, VA 22303-1458. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send TO: Correspondence for Patents, P.O. Box 1458, Alexandria, VA 22303-1458.

If you need assistance in completing the form, call 1-800-PTO-0100 and select option 2.

Electronic Acknowledgement Receipt	
EFS ID:	11279856
Application Number:	12753963
International Application Number:	
Confirmation Number:	5769
Title of Invention:	DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE INFORMATION ON A GPS DEVICE
First Named Inventor/Applicant Name:	Leigh M. Rothschild
Customer Number:	1218
Filer:	Atanu Das
Filer Authorized By:	
Attorney Docket Number:	LEIGH-4 CON
Receipt Date:	27-OCT-2011
Filing Date:	05-APR-2010
Time Stamp:	14:27:30
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no				
File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	L-4_CON_POA_2.pdf	87269 5d7761d56867e1ee12b91cd18a52dd372e d090a5	no	1
Warnings:					
Information:					

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

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National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/753,963	04/05/2010	Leigh M. Rothschild	LEIGH-4 CON

CONFIRMATION NO. 5769

POA ACCEPTANCE LETTER



OC000000050759341*

Date Mailed: 11/02/2011

97498
DaVinci Intellectual Property LLC
2851 N. Burling St Unit 1S
Chicago, IL 60657

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 10/19/2011.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

/tcaldwell/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101



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UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
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Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/753,963	04/05/2010	Leigh M. Rothschild	LEIGH-4 CON

CONFIRMATION NO. 5769

POWER OF ATTORNEY NOTICE



OC000000050759311

1218
HESPOS & PORCO LLP
110 West 40th Street
Suite 2501
NEW YORK, NY 10018

Date Mailed: 11/02/2011

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 10/19/2011.

- The Power of Attorney to you in this application has been revoked by the applicant. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

/tcaldwell/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101



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 Alexandria, Virginia 22313-1450
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Bib Data Sheet

CONFIRMATION NO. 5769

SERIAL NUMBER 12/753,963	FILING OR 371(c) DATE 04/05/2010 RULE	CLASS 342	GROUP ART UNIT 3662	ATTORNEY DOCKET NO. LEIGH-4 CON	
APPLICANTS Leigh M. Rothschild, Sunny Isles Beach, FL;					
** CONTINUING DATA ***** This application is a CON of 11/220,233 09/06/2005 PAT 7,692,580					
** FOREIGN APPLICATIONS *****					
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** SMALL ENTITY **					
** 04/20/2010					
Foreign Priority claimed ☐ yes ☐ no 35 USC 119 (a-d) conditions met ☐ yes ☐ no ☐ Met after Allowance Verified and Acknowledged _____ Examiner's Signature _____ Initials _____		STATE OR COUNTRY FL	SHEETS DRAWING 3	TOTAL CLAIMS 22	INDEPENDENT CLAIMS 4
ADDRESS 97498					
TITLE DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE INFORMATION ON A GPS DEVICE					
FILING FEE RECEIVED 624	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit		

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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1218 7590 10/11/2011
HESPOS & PORCO LLP
110 West 40th Street
Suite 2501
NEW YORK, NY 10018

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Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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12/753,963 04/05/2010 Leigh M. Rothschild LEIGH-4 CON 5769

TITLE OF INVENTION: DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE INFORMATION ON A GPS DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$870	\$300	\$0	\$1170	01/11/2012

EXAMINER	ART UNIT	CLASS-SUBCLASS
NGUYEN, NGA X	3662	342-357400

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. ATANU DAS
2. DAVINCI IP
3.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ Check is enclosed.
☒ Payment by credit card. Form PTO-2038 is attached.
☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Atanu Das

Date

11/28/11

Typed or printed name

ATANU DAS

Registration No.

62,413

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Electronic Patent Application Fee Transmittal				
Application Number:		12753963		
Filing Date:		05-Apr-2010		
Title of Invention:		DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE INFORMATION ON A GPS DEVICE		
First Named Inventor/Applicant Name:		Leigh M. Rothschild		
Filer:		Atanu Das		
Attorney Docket Number:		LEIGH-4 CON		
Filed as Small Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Utility Appl issue fee	2501	1	870	870
Publ. Fee- early, voluntary, or normal	1504	1	300	300

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				1170

Electronic Acknowledgement Receipt	
EFS ID:	11494015
Application Number:	12753963
International Application Number:	
Confirmation Number:	5769
Title of Invention:	DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE INFORMATION ON A GPS DEVICE
First Named Inventor/Applicant Name:	Leigh M. Rothschild
Customer Number:	97498
Filer:	Atanu Das
Filer Authorized By:	
Attorney Docket Number:	LEIGH-4 CON
Receipt Date:	28-NOV-2011
Filing Date:	05-APR-2010
Time Stamp:	22:45:29
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$1170
RAM confirmation Number	7044
Deposit Account	
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
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1	Issue Fee Payment (PTO-85B)	L-4_CON_Issue_Fee_Transmittal_Image.pdf	249485 7f0596e3f151c47fc5cf497ffc9be1d5dfa8598	no	1
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	31924 49ce874906f70c59a963d4d02bfe0a7a87886388a	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			281409		
This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503. <u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application. <u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. <u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.					



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/753,963	12/27/2011	8085192	LEIGH-4 CON	5769

97498 7590 12/07/2011
DaVinci Intellectual Property LLC
2851 N. Burling St Unit 1S
Chicago, IL 60657

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment is 31 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

Leigh M. Rothschild, Sunny Isles Beach, FL;

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with the Customer Number:**23377**

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☒ The address associated with Customer Number:**23377**

OR

☐ Firm or Individual Name

Address

City

State

Zip

Country

Telephone

Email

Assignee Name and Address:

Flaxen Holdings L.L.C.
160 Greentree Drive
Suite 101
Dover, Delaware U.S.A. 19904

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature	<i>Dottie Smith</i>	Date	4-2-2012
Name	Dottie Smith	Telephone	
Title	Authorized Person for Flaxen Holdings L.L.C.		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1460, Alexandria, VA 22313-1460. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

DECLARATION REGARDING AUTHORITY TO SIGN
ON BEHALF OF A LEGAL ENTITY
37 C.F.R. 3.73(b)(2)(i)

I, Dottie Smith (whose title is supplied below), hereby declare that I am authorized to sign documents on behalf of Flaxen Holdings L.L.C.

Dottie Smith
Dottie Smith
Authorized Person for Flaxen Holdings L.L.C.

4-2-2012
Date

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Leigh M. Rothschild

Application No./Patent No.: 8,085,192

Filed/Issue Date: December 27, 2011

Titled: **DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE INFORMATION ON A GPS DEVICE**

Flaxen Holdings L.L.C., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest in;
2. ☐ an assignee of less than the entire right, title, and interest in
(The extent (by percentage) of its ownership interest is _____ %); or
3. ☐ the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)

the patent application/patent identified above, by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy therefore is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Leigh M. Rothschild

To: Rothschild Trust Holdings, LLC

The document was recorded in the United States Patent and Trademark Office at

Reel 027990, Frame 0854, or for which a copy thereof is attached.

2. From: Rothschild Trust Holdings, LLC

To: Reagan Inventions, LLC

The document was recorded in the United States Patent and Trademark Office at

Reel 022427, Frame 0208, or for which a copy thereof is attached.

3. From: Reagan Inventions, L.L.C.

To: Flaxen Holdings, L.L.C.

The document was recorded in the United States Patent and Trademark Office at

Reel 027990, Frame 0946, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet(s).

- ☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/Jon M. Isaacson/

Signature

April 10, 2012

Date

Jon M. Isaacson

Printed or Typed Name

Registration No. 60,436

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

DOCKET NO.: **FH-0004

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Leigh M. Rothschild

Application No.: 12/753,963

Filing Date: April 5, 2010

**For: DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING
SENSITIVE INFORMATION ON A GPS DEVICE**

Confirmation No.: 5769

Group Art Unit: 3662

Examiner: Nga X. Nguyen

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**NOTIFICATION OF LOSS OF ENTITLEMENT TO SMALL ENTITY STATUS
(37 CFR 1.28(b))**

Applicant hereby notifies the Patent and Trademark Office that it is no longer entitled to status as a Small Entity, and that the claim for Small Entity status is hereby withdrawn.

Date: April 10, 2012

/Jon M. Isaacson/

Jon M. Isaacson

Registration No. 60,436

Woodcock Washburn LLP
Cira Centre
2929 Arch Street, 12th Floor
Philadelphia, PA 19104-2891
Telephone: (215) 568-3100
Facsimile: (215) 568-3439

"FEE ADDRESS" INDICATION FORM

Address to:
Mail Stop M Correspondence
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Fax to:
571-273-6500

- OR -

INSTRUCTIONS: The issue fee must have been paid for application(s) listed on this form. In addition, only an address represented by a Customer Number can be established as the fee address for maintenance fee purposes (hereafter, fee address). A fee address should be established when correspondence related to maintenance fees should be mailed to a different address than the correspondence address for the application. **When to check the first box below:** If you have a Customer Number to represent the fee address. **When to check the second box below:** If you have no Customer Number representing the desired fee address, in which case a completed Request for Customer Number (PTO/SB/125) must be attached to this form. For more information on Customer Numbers, see the Manual of Patent Examining Procedure (MPEP) § 403.

For the following listed application(s), please recognize as the "Fee Address" under the provisions of 37 CFR 1.363 the address associated with:



Customer Number:

23377

OR



The attached Request for Customer Number (PTO/SB/125) form.

PATENT NUMBER (if known)	APPLICATION NUMBER
8,085,192	12/753,963

Completed by (check one):



Applicant/Inventor

Jon M. Isaacson/

Signature



Attorney or Agent of record 60,436

(Reg. No.)

Jon M. Isaacson

Typed or printed name



Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed.
(Form PTO/SB/96)

215-568-3100

Requester's telephone number



Assignee recorded at Reel _____ Frame _____

April 10, 2012

Date

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.



* Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.363. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 5 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND COMPLETE D FORMS TO THIS ADDRESS.
SEND TO: Mail Stop M Correspondence, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt	
EFS ID:	12510020
Application Number:	12753963
International Application Number:	
Confirmation Number:	5769
Title of Invention:	DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING SENSITIVE INFORMATION ON A GPS DEVICE
First Named Inventor/Applicant Name:	Leigh M. Rothschild
Customer Number:	97498
Filer:	Jon M. Isaacson/Robin Parmelee
Filer Authorized By:	Jon M. Isaacson
Attorney Docket Number:	LEIGH-4 CON
Receipt Date:	10-APR-2012
Filing Date:	05-APR-2010
Time Stamp:	16:25:55
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment		no			
File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	Executed_POA.pdf	955835 2cba71b7a94fcb6283045c1e83514cb5b1518e3	no	2
Warnings:					
Information:					

2	Assignee showing of ownership per 37 CFR 3.73(b).	Statement_373b.PDF	430034 3c2921576a4603d8f253d490ee2ae9b8c06b8dda	no	2
Warnings:					
Information:					
3	Miscellaneous Incoming Letter	Loss_Entitlement_small_Entity.PDF	75245 288ddf1eb2f422b5fdcfbba6782570bb7264e3	no	1
Warnings:					
Information:					
4	Miscellaneous Incoming Letter	Fee_address_indication_form.PDF	218125 44a5782d380d18bc287d2226705ff12ee86ebf5	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			1679239		
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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/753,963	04/05/2010	Leigh M. Rothschild	LEIGH-4 CON

97498
DaVinci Intellectual Property LLC
2851 N. Burling St Unit 1S
Chicago, IL 60657

CONFIRMATION NO. 5769
POWER OF ATTORNEY NOTICE



OC000000053768162

Date Mailed: 04/19/2012

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 04/10/2012.

- The Power of Attorney to you in this application has been revoked by the assignee who has intervened as provided by 37 CFR 3.71. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

/ttkim/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101



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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/753,963	04/05/2010	Leigh M. Rothschild	LEIGH-4 CON

CONFIRMATION NO. 5769

POA ACCEPTANCE LETTER



OC000000053768191

23377
WOODCOCK WASHBURN LLP
CIRA CENTRE, 12TH FLOOR
2929 ARCH STREET
PHILADELPHIA, PA 19104-2891

Date Mailed: 04/19/2012

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 04/10/2012.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

/ttkim/

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NO. 5053 P. 2/5

JUN 19 2014

PTO/SB/80 (11-08)

Approved for use through 11/30/2011. OMB 0651-0035

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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:



Practitioners associated with the Customer Number:

52531

OR



Practitioner(s) named below (If more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:



The address associated with Customer Number:

52531

OR



Firm or Individual Name

Address

City

State

Zip

Country

Telephone

Email

Assignee Name and Address:

Flaxen Holdings L.L.C.
160 Greentree Drive
Suite 101
Dover, Delaware U.S.A. 19904

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature	<i>Dottie Smith</i>	Date	5-2-2014
Name	Dottie Smith	Telephone	
Title	Authorized Person for Flaxen Holdings L.L.C.		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

DECLARATION REGARDING AUTHORITY TO SIGN
ON BEHALF OF A LEGAL ENTITY
37 C.F.R. 3.73(b)(2)(i)

I, Dottie Smith (whose title is supplied below), hereby declare that I am authorized to sign documents on behalf of Flaxen Holdings L.L.C.

Dottie Smith
Dottie Smith
Authorized Person for Flaxen Holdings L.L.C.

4-2-2012
Date

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NO. 5053 P. 4/5

JUN 19 2014

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Leigh M. Rothschild OLD Attorney Docket No.: **FH-0004
NEW Attorney Docket No.: 145421
Application No.: 12/753,963 Patent No.: 8,085,192
Filed: April 5, 2010 Issued: August 5, 2010
Confirmation No.: 5769
Title: DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND
STORING SENSITIVE INFORMATION ON A GPS DEVICE

STATEMENT UNDER 37 C.F.R. § 3.73(b)

June 19, 2014

TO THE COMMISSIONER FOR PATENTS:

Flaxen Holdings L.L.C., a limited liability company, certifies that it is the assignee of the entire right, title, and interest in the above-identified patent by a chain of title from the inventor of the above-identified patent to the current assignee as shown below:

1. **Assignment:**
From: Leigh M. Rothschild
To: Rothschild Trust Holdings, LLC
The document was recorded in the U.S. Patent and Trademark Office at Reel 027990, Frame 0854.
2. **Assignment:**
From: Rothschild Trust Holdings, LLC
To: Reagan Inventions, LLC
The document was recorded in the U.S. Patent and Trademark Office at Reel 022427, Frame 0208.
3. **Confirmatory Assignment:**
From: Rothschild Trust Holdings, LLC
To: Reagan Inventions, LLC
The document was recorded in the U.S. Patent and Trademark Office at Reel 027983, Frame 0476.

LAW OFFICES OF
CHRISTENSEN O'CONNOR JOHNSON KINDNESS^{LLC}
1201 Third Avenue
Suite 3600
Seattle, Washington 98101
206.682.8100

-1-

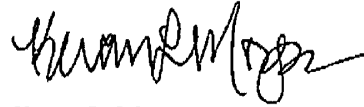
45421184.DOC

4. **Assignment:**
From: Reagan Inventions, L.L.C.
To: Flaxen Holdings L.L.C.

The document was recorded in the U.S. Patent and Trademark
Office at Reel 027990, Frame 0946.

The undersigned is an attorney of record and is authorized to act on behalf of the
assignee.

Respectfully submitted,



Kevan L. Morgan
Attorney of Record
Registration No. 42,015

KLM:blb

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JUN 19 2014

FACSIMILE COVER SHEET

DATE: June 19, 2014

TO: Director of the U.S. Patent and Trademark Office
FACSIMILE NO: 571.273.8300
RE: **Revocation / New Power of Attorney**
U.S. Patent No. 8,085,192
OUR REFERENCE: OLD: **FH-0004
NEW: 145421
YOUR REFERENCE: U.S. Patent No. 8,085,192
Confirmation No. 5769
FROM: Kevan L. Morgan, Esq.

(Facsimile No. 206.224.0779)

MESSAGE:

Please see the attached.
Thank you.

*** The information contained in this facsimile message is privileged and confidential information intended only for the use of the recipient named above. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, any distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return the original message to us at the above address by mail. ***

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: L.M. Rothschild Attorney Docket No.: 145421
Application No.: 12/753,963 Art Unit: 3662 / Confirmation No.: 5769
Filed: April 5, 2010 Examiner: N.X. Nguyen
Title: DEVICE, SYSTEM AND METHOD FOR CONTROLLING AND STORING
SENSITIVE INFORMATION ON A GPS DEVICE

NOTIFICATION OF CHANGE OF STATUS PURSUANT TO 37 CFR §1.27(g)(2)

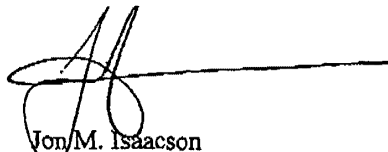
Seattle, Washington 98101

June 24, 2014

TO THE COMMISSIONER FOR PATENTS:

This paper represents the notification of a loss of entitlement to small entity status pursuant to 37 CFR §1.27(g)(2). Applicants no longer assert small entity status and respectfully request removal of such assertion in the above-referenced application.

Respectfully submitted,

CHRISTENSEN O'CONNOR
JOHNSON KINDNESS^{PLLC}Jon M. Isaacson
Registration No. 60,436
Direct Dial No. 206.695.1657

JMI:blb

45421156.docx

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12/753,963	04/05/2010	Leigh M. Rothschild	145421

CONFIRMATION NO. 5769

POA ACCEPTANCE LETTER

52531
CHRISTENSEN O'CONNOR JOHNSON KINDNESS PLLC
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SUITE 3600
SEATTLE, WA 98101-3029



Date Mailed: 07/23/2014

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 06/19/2014.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

/deelliott/

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12/753,963	04/05/2010	Leigh M. Rothschild	**FH-0004

CONFIRMATION NO. 5769

POWER OF ATTORNEY NOTICE



OC000000069755414

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Date Mailed: 07/23/2014

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