#### 501934793 05/25/2012

## PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

#### **CONVEYING PARTY DATA**

| Name               | Execution Date |
|--------------------|----------------|
| LoJack Corporation | 12/23/2002     |

### **RECEIVING PARTY DATA**

| Name:           | LoJack Operating Company LP |  |
|-----------------|-----------------------------|--|
| Street Address: | 40 Pequot Way               |  |
| City:           | Canton                      |  |
| State/Country:  | MASSACHUSETTS               |  |
| Postal Code:    | 02021                       |  |

### PROPERTY NUMBERS Total: 1

| Property Type  | Number  |
|----------------|---------|
| Patent Number: | 8086215 |

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: LJK-010C1

NAME OF SUBMITTER: Suhrid A. Wadekar

Total Attachments: 3

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> PATENT REEL: 028272 FRAME: 0664

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# ASSIGNMENT

# KNOW ALL MEN BY THESE PRESENTS:

That Whereas LoJack Corporation a corporation duly organized and existing under the laws of the Commonwealth (State) of Massachusetts and having a principal place of business at 200 Lowder Brook Drive, Westwood, Massachusetts, 02066, is the owner of the following described inventions and corresponding United States and foreign country patent application filings, patents and patent rights therefor:

| Method of and system<br>apparatus for locating<br>and/or tracking stolen or<br>missing vehicles and the<br>like  | <u>u.s.</u>   | Apsell, S.<br>Stadelfield,<br>N. | S.N. 847.152  | Filed: 03/31/1986   | Fat. No. 4.818,998                         | Issued 04/04/1989                      |
|--|---|----------------------------------|---|---|--|--|
| Method of and system apparatus for locating and/or tracking stolen or missing vehicles and the   | U.S.  | Apsell, S.<br>Stadelfield,<br>N. | S.N. 279.775<br>(Div. of 847,152)   | Filed: 12/05/1988   | Pat. No. 4,908,629                         | Issued 3/13/1990                       |
| like   | EPO Austria Belgium France UK Italy Netherlands Switzerland Germany Sweden  |                                  | S.N. 86306527.2   | Filed: 08/22/1986   | Pat. No. 0245555                           | Issued 03/13/1992                      |
|  | Hong Kong<br>Venezuela  |                                  | S.N. 421 of 1994<br>S.N. 252-88   | Filed: 02/19/1998   | Pat. No. 53674                             | * ************************************ |
|  | Canada<br>Mexico  |                                  | S.N. 615,740<br>S.N. 5745   | Filed: 05/22/1990<br>Filed: 03/26/1987  | Pat. No. 1,333,635<br>Pat. No. 166803      | Issued 12/21/1996<br>Issued 02/08/1993 |
|  | Spain   |                                  | S.N. 8700923  | Filed: 03/31/1987<br>Filed: 03/30/1987  | Pat. No. P-8700923/4<br>Pat. No. 8701433.5 | Issued 03/31/1987<br>Issued 04/26/1994 |
|  | Brazil<br>Japan   |                                  | S.N. 8701433-5<br>S.N. 62/73944   | Filed: 03/27/1987   | Pat. No. 1,849,362                         | Issued 06/07/1994                      |
|  | Argentina<br>Canada   |                                  | S.N. 322,66<br>S.N. 533,481   | Filed: 06/30/1987<br>Filed: 03/31/1987  | Pat. No. 243,285<br>Pat. No. 1,286,390     | Issued 07/30/1993<br>Issued 07/16/1991 |
|  | Lunia   |                                  | O. V. D. V. 142   | ,   | , ,  |  |
| Improved vehicle<br>tracking transponder<br>system and transponder<br>method   | U.S.  | Duvall                           | S.N. 873.850-<br>FWC<br>(Parent S.N. 420,409;<br>Filed 04/12/1995)  | Filed: 06/12/1997   | Pat. No. 5.917,423                         | Issued 06/29/1999                      |
|  | Taiwan  |                                  | S.N. 84112893   | Filed: 12/04/1995   | Pat. No. 078874                            | Issued 05/03/1999                      |
|  | South Africa<br>Korea   |                                  | S.N. 95/9074<br>S.N. 96-623   | Filed: 10/26/1998<br>Filed: 01/15/1996  | Pat. No. 95/9074                           | Issued 10/26/1995                      |
|  |   |                                  |   |   |  |  |
| Method of and<br>apparatus for battery<br>and similar power  | U.S.  | Kutlow,<br>Apseli                | S.N. 09/082.346   | Filed: 05/20/1998   | Pat. No. 6,229,988B1                       | Issued 05/08/2001                      |
| apparatus for battery  | PCT<br>EPO<br>Switzerland<br>Germany<br>Denmark<br>Spain<br>Finland<br>France<br>UK<br>Ireland<br>Italy<br>Netherlands<br>Sweden  |                                  | S.N. 09/082.346<br>S.N. PCT/IB99/00533<br>S.N. 9907813.2  | Filed: 05/20/1996<br>Filed: 05/20/1999<br>Filed: 03/29/1999                               | Pat. No. 6,223,988B1                       | Issued 05/08/2001                      |
| apparatus for battery<br>and similar power<br>source conservation in<br>periodically operable<br>portable and related<br>radio receivers and the   | PCT<br>EPO<br>Switzerland<br>Germany<br>Denmark<br>Spain<br>Finland<br>France<br>UK<br>Ireland<br>Italy<br>Netherlands  |                                  | S.N. PCT/IB99/00533   | Filed: 05/20/1999   | Pat. No. 6,223,988B1                       | Issued 05/08/2001                      |
| apparatus for battery and similar power source conservation in periodically operable portable and related radio receivers and the like   | PCT<br>EPO<br>Switzerland<br>Germany<br>Denmark<br>Spain<br>Finland<br>France<br>UK<br>Ireland<br>Italy<br>Netherlands<br>Sweden<br>Belgium<br>Japan<br>Canada<br>Australia |                                  | S.N. PCT/IB99/00533<br>S.N. 9907813.2<br>S.N. 2000-550217<br>S.N. 2332355<br>S.N. 27432/99  | Filed: 05/20/1999   | Pat. No. 6,222,988B1                       | Issued 05/08/2001  Issued 12/30/1997   |
| apparatus for battery and similar power source conservation in periodically operable portable and related radio receivers and the like   | PCT EPO Switzerland Germany Denmark Spain Finland France UK Ireland Italy Netherlands Sweden Belgium Japan Canada Australia Hong Kong                                       | Apsell                           | S.N. PCT/IB99/00533<br>S.N. 9907813.2<br>S.N. 2000-550217<br>S.N. 2332355<br>S.N. 27432/99<br>S.N. 01106229,9   | Filed: 05/20/1999<br>Filed: 03/29/1999  |  |  |
| apparatus for battery and similar power source conservation in periodically operable portable and related radio receivers and the like  Method of and apparatus for motor vehicles security assurance employing voice recognition control of vehicle   | PCT EPO Switzerland Germany Denmark Spain Finland France UK Ireland Italy Netherlands Sweden Belgium Japan Canada Australia Hong Kong                                       | Apsell                           | S.N. PCT/IB99/00533<br>S.N. 9907813.2<br>S.N. 2000-550217<br>S.N. 2332355<br>S.N. 27432/99<br>S.N. 01106729.9<br>S.N. 08/166/580<br>S.N. PCT/IB97/01411   | Filed: 05/20/1999 Filed: 03/29/1999 Filed: 02/13/1993 Filed: 11/07/1997                   |  |  |
| Apparatus for battery and similar power source conservation in periodically operable portable and related radio receivers and the like  Method of and apparatus for motor vehicles security assurance employing voice recognition control of vehicle operations  Method of transmitting and receiving data systems, and receiver | PCT EPO Switzerland Germany Denmark Spain Finland France UK Ireland Italy Netherlands Sweden Belgium Japan Canada Australia Hong Kong  U.S. PCT EPO                         | Apsell                           | S.N. PCT/IB99/00533<br>S.N. 9907813.2<br>S.N. 2000-550217<br>S.N. 2302355<br>S.N. 27432/99<br>S.N. 01106229.9<br>S.N. 05/166.580<br>S.N. PCT/IB97/01411<br>S.N. 97909538.7<br>S.N. 09/193.242<br>S.N. PCT/GB97/01444<br>S.N. 97924112.2 | Filed: 05/20/1999 Filed: 03/29/1999 Filed: 02/13/1993 Filed: 11/07/1997 Filed: 11/07/1997 |  |  |
| Apparatus for battery and similar power source conservation in periodically operable portable and related radio receivers and the like  Method of and apparatus for motor vehicles security assurance employing voice recognition control of vehicle operations  Method of transmitting and receiving data systems, and receiver | PCT EPO Switzerland Germany Denmark Spain Finland France UK Ireland Italy Netherlands Sweden Belgium Japan Canada Australia Hong Kong  U.S. PCT EPO                         | Apsell                           | S.N. 2000-550217 S.N. 2000-550217 S.N. 2332355 S.N. 27432/99 S.N. 08/166/580 S.N. PCT//B97/01411 S.N. 97909538.7  S.N. 09/194,242 S.N. PCT//GB97/01444  | Filed: 05/20/1999 Filed: 03/29/1999 Filed: 02/13/1993 Filed: 11/07/1997 Filed: 11/07/1997 |  |  |

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|--|--|--------------------|--|--|-------------------|
| ,  | Hong Kong<br>Slovakia<br>UK<br>South Africa          |                    | S.N. 99104058.3<br>S.N. PV1644.985<br>S.N. 992828.6<br>S.N. 97/4789  |  | Раt. No. 2329290В |
| Improved method of<br>and system for portable<br>cellular phone voice  | <u>U,\$.</u>   | DeMille,<br>Duvall | 5.N. 09/235,606  | Filed: 01/20/1999                      |                   |
| communication and<br>positional location data<br>communication using<br>the cellular phone<br>network control channel  | PCT<br>EPO<br>Australia<br>Mexico<br>Japan<br>Canada |                    | 5.N. PCT/IB00/00054<br>S.N. 00900308.8<br>S.N. 19975/00<br>S.N. PA/a/2001/007432<br>S.N. 2000-595505<br>S.N. 2359675 | Filed: 01/19/2000                      |                   |
|  | Hong Kong<br>Talwan                                  |                    | S.N. 0214891.0<br>S.N. 89100844  | Filed: 01/19/2000                      |                   |
| Method of and system<br>for portable cellular<br>phone voice<br>communication and  | <u>u,s.</u>  | Duvall,<br>DeMille | S.N. 09/662,278  | Filed: 09/14/2000                      |                   |
| positional location data<br>communication through<br>use of central service<br>center association of<br>voice communication<br>received along a voice<br>channel with positional<br>location data received<br>along a separate data<br>channel | РСТ  |                    | S.N. PCI/1B01/01674  | Filed: 09/14/2001                      |                   |
| Method of and apparatus for  | U.S.   | Duvali             | 5.N. 09/962,956  | Filed: 09/14/2001                      |                   |
| dynamically Geofencing<br>movable vehicles and<br>other equipment and<br>the like  | Taiwan<br>PCT  |                    | S.N. 09112207<br>S.N. PCT/IB02/03852   | Filed: 09/25/2001<br>Filed: 09/19/2002 |                   |
| Method of and apparatus for utilizing  | U.S.   | Duvall             | S.N. 10/150.818  | Filed: 05/17/2002                      |                   |
| geographically spread<br>cellular radio networks<br>to supplement more<br>geographically limited<br>stolen vehicle recovery<br>radio networks in<br>activation of radio<br>tracking and recovery of<br>such vehicles                           | PCT<br>Taiwan  |                    | S.N. PCT/IB02/03913  | Filed: 09/20/2002                      |                   |
| Method of and apparatus for sensing the unauthorized movement of vehicles and the like and generating an alarm or warning of vehicle theft   | U.S.   | DeMille            | <u>S.N. 10/241,259</u>   | Filed: 09/10/2002                      |                   |

Whereas, LoJack Operating Company LP, a limited partnership duly organized and existing under and by virtue of the laws of the State of Delaware, and having a principal place of business at 200 Lowder Brook Drive Westwood, Massachusetts 02026, hereinafter called the Company, is desirous of acquiring the entire and exclusive right, title and interest in, to and under the said inventions, and the said United States patent applications and patent applications of all other countries, and all patents that may be granted thereon, including Letters Patent of the United States and of all other countries;

Now, Therefore, for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable considerations to us paid by the Company, the receipt of which in full is hereby acknowledged, we, the said LoJack Corporation, have sold, assigned, transferred and set over and by these presents do hereby sell, assign, transfer and set over unto the Company, its successors and assigns, the entire and exclusive right, title and interest in, to and under the said inventions, the said applications for Letters Patent of the United States and all other countries and all patents that have been and that may be granted for the said inventions, and all other patent rights that may be based thereon, including all renewals, divisions, reissues, continuations, and extensions thereof:

To Have, Hold and Enjoy the same to the Company, its successors and assigns, to its and their own use and behoof, to the full end of the term or terms for which the said Letters Patent or other patent rights may be granted, as fully and entirely as the same might have been held and enjoyed by us if no sale or assignment thereof had been made.

And we hereby authorize and request the Commissioner of Patents and Trademarks or other proper governmental authority in all countries to issue all Letters Patent or other patent rights for the said inventions resulting therefrom to the Company, its successors and assigns, in accordance with this assignment, as assignee/owner of the entire right, title and interest therein and thereto.

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And for the considerations aforesaid, we agree that we will communicate to the Company, or its representatives, any facts known to us respecting the said inventions, whenever requested, and will testify in any legal proceeding, sign all lawful papers, make all rightful oaths, and generally do everything possible to aid the Company, its successors, assigns and nominees, to obtain and enforce proper patent protection for the said inventions in all countries, or to perfect or defend its or their title in the premises.

Witness my hand and seal at Westwood, Massachusetts
23,4 day of December, 2002

2326

ACKNOWLEDGMENT

Commonwealth of Massachusetts:

County of Norfolk

On this 13.4 day of December, 2002, before me personally appeared Keith E. Farris, to me known to be the person described in and who executed the foregoing instrument under authority of and as the free act and deed of LoJack Corporation.

SEAL

Notaty Public

My Commission upous: 11/17/06

\*\* TOTAL PAGE.02 \*\*

**PATENT REEL: 028272 FRAME: 0667** 

RECORDED: 05/25/2012