# PATENT ASSIGNMENT

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|---|---|
| NATURE OF CONVEYANCE: | Second Lien Patent Security Agreement |

**CONVEYING PARTY DATA**

| Name | Execution Date |
|---|---|
| Alladdin Knowledge Systems Ltd. | 08/26/2010 |

**RECEIVING PARTY DATA**

| Name: | Deutsche Bank Trust Company Americas, as Collateral Agent |
|---|---|
| Street Address: | 100 Plaza One |
| Internal Address: | 8th Floor |
| City: | Jersey City |
| State/Country: | NEW JERSEY |
| Postal Code: | 07311 |

**PROPERTY NUMBERS Total: 73**

| Property Type | Number |
|---|---|
| Patent Number: | 5898777 |
| Patent Number: | 6189097 |
| Patent Number: | 6073256 |
| Patent Number: | 6272636 |
| Patent Number: | 6009525 |
| Patent Number: | 6044469 |
| Patent Number: | 6055503 |
| Patent Number: | 6334213 |
| Patent Number: | 6434532 |
| Patent Number: | 6285985 |
| Patent Number: | 6334214 |
| Patent Number: | 6009401 |
| Patent Number: | 6243692 |
| Patent Number: | 6363356 |

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| Patent Number: | 7149928 |
|---|---|
| Patent Number: | 7065652 |
| Patent Number: | 6915425 |
| Patent Number: | 7013483 |
| Patent Number: | D561184 |
| Patent Number: | 6748541 |
| Patent Number: | 6898555 |
| Patent Number: | 7065650 |
| Patent Number: | 6554621 |
| Patent Number: | 7386884 |
| Patent Number: | 7249266 |
| Patent Number: | 7047369 |
| Patent Number: | 6763399 |
| Patent Number: | 7225336 |
| Patent Number: | 7191325 |
| Patent Number: | 5359495 |
| Patent Number: | D577022 |
| Patent Number: | D577023 |
| Patent Number: | 5060263 |
| Patent Number: | 7085931 |
| Patent Number: | 7636943 |
| Patent Number: | 7603614 |
| Application Number: | 61054924 |
| Application Number: | 11186854 |
| Application Number: | 11150172 |
| Application Number: | 60911286 |
| Application Number: | 60955386 |
| Application Number: | 10612921 |
| Application Number: | 11167235 |
| Application Number: | 11302274 |
| Application Number: | 11363058 |
| Application Number: | 11363059 |
| Application Number: | 11710281 |
| Application Number: | 12028808 |
| Application Number: | 11764203 |

| Application Number: | 11677953 |
|---|---|
| Application Number: | 11838247 |
| Application Number: | 12247602 |
| Application Number: | 11736604 |
| Application Number: | 11736013 |
| Application Number: | 10436047 |
| Application Number: | 10681904 |
| Application Number: | 11740297 |
| Application Number: | 10890170 |
| Application Number: | 11979085 |
| Application Number: | 11099581 |
| Application Number: | 11485380 |
| Application Number: | 11710282 |
| Application Number: | 61102036 |
| Application Number: | 10103625 |
| Application Number: | 10409525 |
| Application Number: | 10756896 |
| Application Number: | 11611868 |
| Application Number: | 09852902 |
| Application Number: | 29281875 |
| Application Number: | 11833823 |
| Application Number: | 11425536 |
| Application Number: | 10572368 |
| Application Number: | 11769724 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | 4922109-015 |
|---|---|

| NAME OF SUBMITTER: | Jean Paterson |
|---|---|

Total Attachments: 9

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## Second Lien Patent Security Agreement

**Second Lien Patent Security Agreement,** dated as of August 26, 2010, by and among ALADDIN KNOWLEDGE SYSTEMS LTD., a company incorporated under the laws of the State of Israel (the "Pledgor"), in favor of DEUTSCHE BANK TRUST COMPANY AMERICAS, in its capacity as second lien collateral agent pursuant to the Credit Agreement (in such capacity, the "Collateral Agent").

### WITNESSETH:

WHEREAS, the Pledgor is party to a Second Lien Pledge Agreement dated as of August 26, 2010 (as amended, amended and restated, supplemented or otherwise modified from time to time, the "Pledge Agreement") in favor of the Collateral Agent pursuant to which the Pledgor is required to execute and deliver this Second Lien Patent Security Agreement;

NOW, THEREFORE, IT IS AGREED:

SECTION 1.  Defined Terms.  Unless otherwise defined herein, terms defined in the Pledge Agreement and used herein have the meaning given to them in the Pledge Agreement.

SECTION 2.  Grant of Security Interest in Patents.  The Pledgor hereby pledges and grants to the Collateral Agent for the benefit of the Secured Parties a lien on and security interest in and to all of its right, title and interest in, to and under all the following Pledged Assets of the Pledgor:

(a)  Patents of the Pledgor listed on Schedule I attached hereto; and

(b)  all Proceeds of any and all of the foregoing (other than to the extent set forth in the Pledge Agreement).

SECTION 3.  Pledge Agreement.  The security interest granted pursuant to this Second Lien Patent Security Agreement is granted in conjunction with the security interest granted to the Collateral Agent pursuant to the Pledge Agreement and Pledgor hereby acknowledges and affirms that the rights and remedies of the Collateral Agent with respect to the security interest in the Patents made and granted hereby are more fully set forth in the Pledge Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.  In the event that any provision of this Second Lien Patent Security Agreement is deemed to conflict with the Pledge Agreement, the provisions of the Pledge Agreement shall control unless the Collateral Agent shall otherwise determine.

SECTION 4.  Termination.  Upon the payment in full of the Secured Obligations and termination of the Pledge Agreement, the Collateral Agent shall execute, acknowledge, and deliver to the Pledgor an instrument in writing in recordable form releasing the collateral pledge,

grant, assignment, lien and security interest in the Patents under this Second Lien Patent Security Agreement.

SECTION 5. Governing Law. This Second Lien Patent Security Agreement shall be governed by, and construed in accordance with, the laws of the State of Israel.

SECTION 6. Counterparts. This Second Lien Patent Security Agreement may be executed in any number of counterparts, all of which shall constitute one and the same instrument, and any party hereto may execute this Second Lien Patent Security Agreement by signing and delivering one or more counterparts.

[signature page follows]

IN WITNESS WHEREOF, the Pledgor has caused this Second Lien Patent Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

Very truly yours,

ALADDIN KNOWLEDGE SYSTEMS LTD.

By: _____

Name: Yair Amayon

Title: VP and International Controller

On the 26th day of August, 2010, before me in Tel Aviv, Israel personally came Yair Ohayon, holder of Israel Identity Card No. 025413998, who has identified himself as VP and International Controller, of Aladdin Knowledge Systems Ltd., a company incorporated under the laws of the State of Israel, the company described in and which executed the foregoing instrument; and further declared that he executed and delivered said instrument pursuant to authority given by the Board of Directors of such company; and acknowledged said instrument to be the free act and deed of said company.

יהודית שנייזר, עו"ד
רח' אבא הלל 16, ר"ג
רשיון מס' 34862

_____
Advocate

(PLACE STAMP ABOVE)

[Second Lien Patent Security Agreement]

- 4 -

Accepted and Agreed:

DEUTSCHE BANK TRUST COMPANY AMERICAS,
as Collateral Agent

By: _____
      Name:   **Paul O'Leary**
      Title:      **Director**

By: _____
      Name:   **Enrique Landaeta**
      Title:   **Vice President**

STATE OF *New York*
            ) ss
COUNTY OF *New York*

STATE OF *New York* )
                          ) ss
COUNTY OF *New York*

On the 26th day of August, 2010, before
me personally came *Paul O'Leary*
who is personally known to me to be the
*Director*       of Deutsche Bank
Trust Company Americas, a New York
banking corporation; who, being duly
sworn, did depose and say that she/he is
the *Director*       of such banking
corporation, the banking corporation de-
scribed in and which executed the fore-
going instrument; that she/he executed
and delivered said instrument pursuant to
authority given by the Board of Directors
of such banking corporation; and that
she/he acknowledged said instrument to
be the free act and deed of said banking
corporation.

On the 26th day of August, 2010, before
me personally came *Enrique Landaeta*
who is personally known to me to be the
*Vice President* of Deutsche Bank Trust
Company Americas, a New York banking
corporation; who, being duly sworn, did
depose and say that she/he is the
*Vice President* of such banking corpora-
tion, the banking corporation described in
and which executed the foregoing instru-
ment; that she/he executed and delivered
said instrument pursuant to authority given
by the Board of Directors of such banking
corporation; and that she/he acknowledged
said instrument to be the free act and deed
of said banking corporation.

Notary Public

MAUREEN E. THOMAS
Notary Public - State of New York
No. 01TH6098264
Qualified in Bronx County
Certified in New York County
My Commission Expires 9/08/20 11

(PLACE STAMP AND SEAL ABOVE)

Notary Public

MAUREEN E. THOMAS
Notary Public - State of New York
No. 01TH6098264
Qualified in Bronx County
Certified in New York County
My Commission Expires 9/08/20 11

(PLACE STAMP AND SEAL ABOVE)

[Second Lien Patent Security Agreement]

## SCHEDULE I
## to
## PATENT SECURITY AGREEMENT
## PATENT REGISTRATIONS AND PATENT APPLICATIONS

| Docket No. | Territory Desc. | Status Desc.2 | Application No. | Pat. No. | Filing Date | Grant Date | Title English |
|---|---|---|---|---|---|---|---|
| 1010 | USA | Granted | US 08/613,712 | US 5,898,777 | 3/7/1996 | 4/27/1999 | Digital product dissemination and sale |
| 1020 | USA | Granted | US 08/822,661 | US 6,189,097 | 3/24/1997 | 2/13/2001 | Digital certificate |
| 1030 | USA | Granted | US 08/837,018 | US 6,073,256 | 4/11/1997 | 6/2/2000 | Digital Product Execution Control |
| 1040 | USA | Granted | US 08/837,019 | US 6,272,636 | 4/11/1997 | 8/7/2001 | Digital product execution control and security |
| 1050 | USA | Granted | US 08/921,394 | US 6,009,525 | 8/29/1997 | 12/28/1999 | Multi-tier electronic software distribution |
| 1060 | USA | Granted | US 08/921,272 | US 6,044,469 | 8/29/1997 | 3/28/2000 | Software publisher or distributor configurable software security mechanism |
| 1070 | USA | Granted | US 08/921,402 | US 6,055,503 | 8/29/1997 | 4/25/2000 | Software program self modification |
| 1080 | USA | Granted | US 09/009,842 | US 6,334,213 | 1/20/1998 | 12/25/2001 | Merging of separate executable computer programs to form a single executable computer program |
| 1090 | USA | Granted | US 09/041,315 | US 6,434,532 | 3/12/1998 | 8/13/2002 | Interactive customer support for computer programs using network connection of user machine |
| 1100 | USA | Granted | US 09/053,949 | US 6,285,985 | 4/3/1998 | 9/4/2001 | Advertising-subsidized and advertising-enabled software |
| 1110 | USA | Granted | US 09/053,950 | US 6,334,214 | 4/3/1998 | 12/25/2001 | Try/Buy wrapping of installation-ready software for electronic distribution |
| 1120 | USA | Granted | US 09/055,269 | US 6,009,401 | 4/16/1998 | 12/28/1999 | Relicensing of electronically purchased software |
| 1130 | USA | Granted | US 09/082,964 | US 6,243,692 | 5/22/1998 | 6/5/2001 | Secure electronics software packing using setup-external unlocking module |
| 1140 | USA | Granted | US 09/116,591 | US 6,363,356 | 7/16/1998 | 3/26/2002 | Referrer-based system for try/buy electronic software distribution |
| 1170 | USA | Granted | US 10/150,543 | US 7,149,928 | 5/17/2002 | 12/12/2006 | User-transparent software malfunction detection and reporting |
| 1220 | USA | Pending | US 11/769,724 | | 6/28/2007 | | Efficient remotely-keyed encryption |
| 1260 | USA | Granted | US 09/603,575 | US 7,065,652 | 6/21/2000 | 6/20/2006 | System for obfuscating computer code upon disassembly |
| 1300 | US PROVISIONAL | Pending | US 61/054,924 | | 5/21/2008 | | Method for securing information |
| 1320 | USA | Granted | US 09/739,076 | US 6,915,425 | 12/13/2000 | 7/5/2005 | System for permitting off-line playback of digital content, and for managing content rights |

| Docket No. | Territory Desc. | Status Desc.2 | Application No. | Pat. No. | Filing Date | Grant Date | Title English |
|---|---|---|---|---|---|---|---|
| 1410 | USA | Pending | US 11/186,854 | | 7/22/2005 | | A method and system for protecting a software application from piracy |
| 1450 | USA | Pending | US 11/150,172 | | 6/13/2005 | | A method and system for detecting blocking and removing spyware |
| 1490 | US PROVISIONAL | Pending | US 60/911,286 | | 4/12/2007 | | Piggyback smartcard adapter providing enhanced services |
| 1540 | US PROVISIONAL | Pending | US 60/955,386 | | 8/13/2007 | | Security token with transparently self-installing client environment |
| 1590 | USA | Pending | US 10/612,921 | | 7/7/2003 | | A method for determining a licensing policy of a digital product |
| 1610 | USA | Pending | US 11/167,235 | | 6/28/2005 | | A method for increasing the security level of a user machine browsing web pages |
| 1630 | USA | Pending | US 11/302,274 | | 12/14/2005 | | A method and system for blocking phishing scams |
| 1660 | USA | Pending | US 11/363,058 | | 2/28/2006 | | A method for serving a plurality of applications by a security token |
| 1670 | USA | Pending | US 11/363,059 | | 2/28/2006 | | A method and system for increasing sales of digital product modules |
| 1700 | USA | Granted | US 10/335,871 | US 7,013,483 | 1/3/2003 | 3/14/2006 | A method for emulating an executable code in order to detect maliciousness |
| 1730 | USA | Granted | US 29/251,171 | US D561184 | 1/5/2006 | 2/5/2008 | Security and flash memory apparatus for computer USB port |
| 1740 | USA | Pending | US 11/710,281 | | 2/22/2007 | | Self-defensive protected software with suspended latent license enforcement |
| 1750 | USA | Pending | US 12/028,808 | | 2/10/2008 | | COMPUTER DATA PRODUCT LICENSE INSTALLATION / UPDATE CONFIRMATION |
| 1770 | USA | Pending | US 11/764,203 | | 6/17/2007 | | Method and system for data product license modification coupons |
| 1780 | USA | Pending | US 11/677,953 | | 2/22/2007 | | Method for detecting duplicated instances of a software license |
| 1790 | USA | Pending | US 11/838,247 | | 8/14/2007 | | Code obfuscation by reference linking |
| 1810 | USA | Pending | US 12/247,602 | | 10/8/2008 | | Method and system for blocking anonymized proxy man-in-the-middle attacks |
| 1910 | USA | Pending | US 11/736,604 | | 4/18/2007 | | Load-balancing bridge cluster for network nodes |
| 2000 | USA | Granted | US 09/412,292 | US 6,748,541 | 10/5/1999 | 6/8/2004 | A user-computer interaction method for use by a population of flexibly connectable computer systems |

| Docket No. | Territory Desc. | Status Desc. 2 | Application No. | Pat. No. | Filing Date | Grant Date | Title English |
|---|---|---|---|---|---|---|---|
| 2012 | USA | Pending | US 11/736,013 | | 4/17/2007 | | Method for assigning an IP address to a network connectable device, and a device configured thereby |
| 2040 | USA | Pending | US 10/436,047 | | 5/13/2003 | | A method and system for indicating an executable as Trojan Horse |
| 2050 | USA | Pending | US 10/681,904 | | 10/10/2003 | | A method and system for preventing exploiting an email message |
| 2058 | USA | Pending | US 11/740,297 | | 4/26/2007 | | Method and system for preventing exploitation of email messages |
| 2070 | USA | Granted | US 10/617,756 | US 6,898,555 | 7/14/2003 | 5/24/2005 | A method for indicating the integrity of use-information of a computer program |
| 2100 | USA | Granted | US 10/841,442 | US 7,065,650 | 5/10/2004 | 6/20/2006 | A method for indicating the integrity of a plurality of digital objects |
| 2180 | USA | Granted | US 09/616,669 | US 6,554,621 | 7/14/2000 | 4/29/2003 | Cable apparatus |
| 2190 | USA | Pending | US 10/890,170 | | 7/14/2004 | | A method for detecting of unwanted executables |
| 2210 | USA | Granted | US 10/826,503 | US 7,386,884 | 4/19/2004 | 1/10/2008 | A method for preventing activation of malicious objects |
| 2343 | USA | Pending | US 11/979,085 | | 10/31/2007 | | Method to detect viruses hidden inside a password protected archive of compressed files |
| 2400 | USA | Granted | US 10/837,664 | US 7,249,266 | 5/4/2004 | 7/24/2007 | User-computer interaction method for use by a population of flexible connectible computer systems (Continuation) |
| 2421 | USA | Pending | US 11/099,581 | | 4/6/2005 | | A method for blocking unauthorized use of a software application |
| 2580 | USA | Pending | US 11/485,380 | | 7/13/2006 | | A method for detecting computer viruses |
| 2590 | USA | Pending | US 11/710,282 | | 2/22/2007 | | Method for detecting that a protected software program is cracked |
| 2710 | US PROVISIONAL | Pending | US 61/102,036 | | 11/4/2008 | | Secure two-factor authentication using a device with a limited cryptographic interface |
| 27565 | USA | Granted | US 08/937,883 | US 7,047,369 | 9/25/1997 | 5/16/2006 | Software application environment |
| 31257 | USA | Granted | US 10/126,520 | US 6,763,399 | 4/22/2002 | 7/13/2004 | USB Key apparatus for interacting with a USB host via USB port |
| 36511 | USA | Granted | US 10/013,159 | US 7,225,336 | 12/10/2001 | 5/29/2007 | A system and a method for giving run authorization to a program installed on a computer |
| 36521 | USA | Pending | US 10/103,625 | | 3/21/2002 | | Method of executing a program on a computer, and computer program product |

| Docket No. | Territory Desc. | Status Desc. 2 | Application No. | Pat. No. | Filing Date | Grant Date | Title English |
|---|---|---|---|---|---|---|---|
| 36561 | USA | Pending | US 10/409,525 | | 4/8/2003 | | Method of operating a computer system and computer system |
| 36581 | USA | Granted | US 10/632,221 | US 7,191,325 | 7/31/2003 | 3/13/2007 | Method of operating a computer system and a computer system |
| 36591 | USA | Pending | US 10/756,896 | | 1/14/2004 | | A method of adding a copy protection function to a computer program |
| 36631 | USA | Pending | US 11/611,868 | | 12/16/2005 | | Method and device for protecting a program comprising a functional block |
| 82070 | USA | Granted | US 08/027,316 | US 5,359,495 | 1/21/1993 | 10/25/1994 | Printed circuit board having a cutout |
| 3000 | USA | Granted | US 29/281,871 | US D577,022 | 7/5/2007 | 9/16/2008 | PORTABLE COMPUTER SECURITY DEVICE THAT INCLUDES A CLIP |
| 3010 | USA | Granted | US 29/281,874 | US D577,023 | 7/5/2007 | 9/16/2008 | PORTABLE COMPUTER SECURITY DEVICE |
| 3020 | USA | Granted | US 07/165,868 | US 5,060,263 | 3/9/1988 | 10/22/1991 | COMPUTER ACCESS CONTROL SYSTEM AND METHOD |
| 3030 | USA | Granted | US 09/389,540 | US 7,085,931 | 9/3/1999 | 8/1/2006 | VIRTUAL SMART CARD SYSTEM AND METHOD |
| 3040 | USA | Pending | US 09/852,902 | | 5/8/2001 | | SYSTEM AND METHOD FOR DEPLOYING AUTHENTICATION DEVICES |
| 3080 | USA | Allowed | US 29/281,875 | | 7/5/2007 | | LENS FOR PORTABLE COMPUTER SECURITY DEVICE |
| 3090 | USA | Pending | US 11/833,823 | | 8/3/2007 | | AUTHENTICATION FACTORS WITH PUBLIC-KEY INFRASTRUCTURE |
| 3100 | USA | Allowed | US 11/425,536 | | 6/21/2006 | | VIRTUAL SMART CARD SYSTEM AND METHOD |
| 3311 | USA | Pending | US 10/572,368 | | 4/6/2004 | | MULTI-FUNCTION PORTABLE DEVICE FOR ELECTRONIC PROCESSORS |
| | USA | Granted | US 11/150,172 | US 7,636,943 | 6/13/2005 | 12/22/2009 | METHOD AND SYSTEM FOR DETECTING BLOCKING AND REMOVING SPYWARE |
| | USA | Granted | US 10/436,047 | US 7,603,614 | 5/13/2003 | 10/13/2009 | METHOD AND SYSTEM FOR INDICATING AN EXECUTABLE AS TROJAN HORSE |

**PATENT**
**REEL: 024900 FRAME: 0713**