

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Universal Electronics Inc.	06/17/2008

RECEIVING PARTY DATA

Name:	Nisel Investments Limited Liability Company
Street Address:	2711 Centerville Road
Internal Address:	Suite 400
City:	Wilmington
State/Country:	DELAWARE
Postal Code:	19808

PROPERTY NUMBERS Total: 17

Property Type	Number
Application Number:	08037619
Application Number:	08580162
Application Number:	08605546
Application Number:	08707819
Application Number:	08832447
Application Number:	09032734
Application Number:	09038626
Application Number:	09718983
Application Number:	09721092
Application Number:	09808708
Application Number:	09928171
Application Number:	09973354
Application Number:	10254363
Application Number:	10410033

PATENT

500579562

REEL: 021164 FRAME: 0534

OP \$680.00 08037619

Application Number:	10796598
Application Number:	10827137
Application Number:	60288192

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	NINV-GEN
NAME OF SUBMITTER:	Lance R. Sadler, Reg No. 38,605

Total Attachments: 7
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EXHIBIT B ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Universal Electronics Inc., a Delaware corporation, with an office at 6101 Gateway Dr., Cypress, CA 90630 ("*Assignor*"), does hereby sell, assign, transfer, and convey unto Nisel Investments Limited Liability Company, a Delaware limited liability company, with an address at 2711 Centerville Road, Suite 400, Wilmington, DE 19808 ("*Assignee*"), or its designees, all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "*Patent Rights*");

- (a) the provisional patent applications, patent applications and patents listed in the table below (the "*Patents*");
- (b) all patents and patent applications (i) to which any of the Patents directly or indirectly claims priority, and/or (ii) for which any of the Patents directly or indirectly forms a basis for priority;
- (c) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in any of the foregoing categories (a) and (b);
- (d) all foreign patents, patent applications, and counterparts relating to any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances;
- (e) all items in any of the foregoing in categories (b) through (d), whether or not expressly listed as Patents below and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like;
- (f) inventions, invention disclosures, and discoveries described in any of the Patents and/or any item in the foregoing categories (b) through (e) that (i) are included in any claim in the Patents and/or any item in the foregoing categories (b) through (e), (ii) are subject matter capable of being reduced to a patent claim in a reissue or reexamination proceedings brought on any of the Patents and/or any item in the foregoing categories (b) through (e), and/or (iii) could have been included as a claim in any of the Patents and/or any item in the foregoing categories (b) through (e);
- (g) all rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances of any type related to any item in any of the foregoing categories (a) through (f), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;
- (h) all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents and/or any item in any of the foregoing categories (b) through (g), including, without limitation, all causes of action and other enforcement rights for
 - (1) damages,
 - (2) injunctive relief, and
 - (3) any other remedies of any kindfor past, current, and future infringement; and
- (i) all rights to collect royalties and other payments under or on account of any of the Patents and/or any item in any of the foregoing categories (b) through (h).

Patent or application no.	Country	Filing Date	Title of Patent and Inventors
5,619,196 (08/580,162)	US	4/8/1997 (12/28/1995)	SINGLE WIRE KEYBOARD ENCODE AND DECODE CIRCUIT MARCUS ESCOBOSA , ANAHEIM, CA (US)
KR10-0217236 (KR10-1995-0704083)	KR	6/3/1999 (9/25/1995)	INFRARED REMOTE CONTROL DEVICE FOR A PERSONAL DIGITAL ASSISTANT PAUL V DARBEE
5,778,256 (08/707,819)	US	7/7/1998 (9/4/1996)	PDA HAVING A SEPARATE INFRARED GENERATING DEVICE CONNECTED TO ITS PRINTER PORT FOR CONTROLLING HOME APPLIANCES PAUL V. DARBEE , SANTA ANA, CA (US)
5,963,145 (08/605,546)	US	10/5/1999 (2/26/1996)	SYSTEM FOR PROVIDING WIRELESS POINTER CONTROL MARCUS ESCOBOSA , ANAHEIM, CA (US)
6,147,677 (09/038,626)	US	11/14/2000 (3/10/1998)	SENSING AND CONTROL DEVICES USING PRESSURE SENSITIVE RESISTIVE ELEMENTS MARCUS ESCOBOSA , CAMPBELL ROBERT, CHEN FUSHENG FRANK, HAYES PATRICK H. (CA)
DE69932967 (DE69932967 1)	DE	8/30/2006 (3/9/1999)	SENSING AND CONTROL DEVICES USING PRESSURE SENSITIVE RESISTIVE ELEMENTS ESCOBOSA MARCUS; CAMPBELL ROBERT; CHEN FUSHENG FRANK; HAYES PATRICK H
FR0942391 (FR99104685 5)	FR	8/30/2006 (3/9/1999)	Sensing and control devices using pressure sensitive resistive elements ESCOBOSA MARCUS; CAMPBELL ROBERT; CHEN FUSHENG FRANK; HAYES PATRICK H
GB0942391 (GB99104685 5)	GB	8/30/2006 (3/9/1999)	Sensing and control devices using pressure sensitive resistive elements ESCOBOSA MARCUS; CAMPBELL ROBERT; CHEN FUSHENG FRANK; HAYES PATRICK H
6,243,035 (09/032,734)	US	6/5/2001 (2/27/1998)	KEY MODULE FOR WIRELESS KEYBOARD DENT JOHN D; WALTER RONALD J
6,271,831 (08/832,447)	US	8/7/2001 (4/3/1997)	WIRELESS CONTROL AND POINTER SYSTEM ESCOBOSA MARCUS; YUN YOUNG; CHEN FUSHENG F
6,629,077 (09/721,092)	US	9/30/2003 (11/22/2000)	UNIVERSAL REMOTE CONTROL ADAPTED TO RECEIVE VOICE INPUT HAYES PATRICK H; ARLING PAUL D
DE60125696 (DE60125696 4)	DE	1/3/2007 (11/22/2001)	Universal remote control adapted to receive voice input HAYES PATRICK H; ARLING PAUL D
FR1209661 (FR01309834 8)	FR	1/3/2007 (11/22/2001)	Universal remote control adapted to receive voice input HAYES PATRICK H; ARLING PAUL D
GB1209661 (GB01309834 8)	GB	1/3/2007 (11/22/2001)	Universal remote control adapted to receive voice input HAYES PATRICK H; ARLING PAUL D
IE1209661 (IE01309834 8)	IE	1/3/2007 (11/22/2001)	Universal remote control adapted to receive voice input HAYES PATRICK H; ARLING PAUL D
6,722,984 (09/718,983)	US	4/20/2004 (11/22/2000)	GAME CONTROLLER WITH PARENTAL CONTROL FUNCTIONALITY SWEENEY KENNETH G; KLEIN SANDRO D; BROWN WILLIAM L; CONWAY JAMES N

Patent or application no.	Country	Filing Date	Title of Patent and Inventors
6,724,339 (09/808,708)	US	4/20/2004 (3/14/2001)	SYSTEM AND METHOD FOR CONTROLLING HOME APPLIANCES CONWAY JAMES N; HAYES PATRICK H
DE60201587 (DE60201587 1)	DE	5/18/2006 (2/21/2002)	SYSTEM AND COMPUTER READABLE MEDIUM FOR CONTROLLING HOME APPLIANCES CONWAY N; HAYES H
FR1371044 (FR02713864 7)	FR	5/18/2006 (2/21/2002)	SYSTEM AND COMPUTER READABLE MEDIUM FOR CONTROLLING HOME APPLIANCES CONWAY JAMES N; HAYES PATRICK H
GB1371044 (GB02713864 7)	GB	5/18/2006 (2/21/2002)	SYSTEM AND COMPUTER READABLE MEDIUM FOR CONTROLLING HOME APPLIANCES CONWAY JAMES N; HAYES PATRICK H
6,980,150 (10/827,137)	US	12/27/2005 (4/19/2004)	SYSTEM AND METHOD FOR CONTROLLING HOME APPLIANCES CONWAY JAMES N; HAYES PATRICK H
6,781,638 (09/928,171)	US	8/24/2004 (8/10/2001)	UNIVERSAL REMOTE CONTROL CAPABLE OF SIMULATING A SKIP SEARCH Patrick Hayes , Misslon Viejo, CA
EP02723614 0	EP	3/10/2004	UNIVERSAL REMOTE CONTROL CAPABLE OF SIMULATING A SKIP SEARCH HAYES PATRICK H
6,859,197 (09/973,354)	US	2/22/2005 (10/9/2001)	UNIVERSAL REMOTE CONTROL WITH DISPLAY AND PRINTER KLEIN SANDRO D; DRESTI MAURO; CAMPBELL ROBERT A; YUH HAN-SHENG
6,885,952 (10/410,033)	US	4/26/2005 (4/9/2003)	SYSTEM AND METHOD FOR DETERMINING VOLTAGE LEVELS Patrick Hayes , Misslon Viejo, CA (US)
6,788,241 (10/254,363)	US	9/7/2004 (9/25/2002)	SYSTEM AND METHOD FOR USING KEYSTROKE DATA TO CONFIGURE A REMOTE CONTROL DEVICE Paul Arling; Patrick H Hayes
EP03754389 9	EP	8/13/2003	SYSTEM AND METHOD FOR USING KEYSTROKE DATA TO CONFIGURE A REMOTE CONTROL DEVICE Paul Arling; Patrick H Hayes
7,091,898 (10/796,598)	US	8/15/2006 (3/9/2004)	SYSTEM AND METHOD FOR USING KEYSTROKE DATA TO CONFIGURE A REMOTE CONTROL DEVICE Paul Arling; Patrick H Hayes

Assignor represents, warrants and covenants that:

(1) Assignor has the full power and authority, and has obtained all third party consents, approvals and/or other authorizations required to enter into this Agreement and to carry out its obligations hereunder, including the assignment of the Patent Rights to Assignee; and

(2) Assignor owns, and by this document assigns to Assignee, all right, title, and interest to the Patent Rights, including, without limitation, all right, title, and interest to sue for infringement of the Patent Rights. Assignor has obtained and properly recorded previously executed assignments for the Patent Rights as necessary to fully perfect its rights and title therein in accordance with governing law and regulations in each respective jurisdiction. The Patent Rights are free and clear of all liens, claims, mortgages, security interests or other encumbrances, and restrictions. There are no actions, suits, investigations, claims or proceedings threatened, pending or in progress

relating in any way to the Patent Rights. There are no existing contracts, agreements, options, commitments, proposals, bids, offers, or rights with, to, or in any person to acquire any of the Patent Rights.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

Assignor will, at the reasonable request of Assignee and without demanding any further consideration therefore, do all things necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights. The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at Cypress, CA on June 17, 2008

ASSIGNOR:

Universal Electronics Inc.

By: [Signature]

Name: MARK KOPRSKIE

Title: EXEC. VICE PRESIDENT

(Signature MUST be notarized)

STATE OF California)
COUNTY OF Orange) ss.

On June 17, 2008, before me, Valerie J. Ballard, Notary Public in and for said State, personally appeared Mark Koprskie, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Signature [Signature]

(Seal)

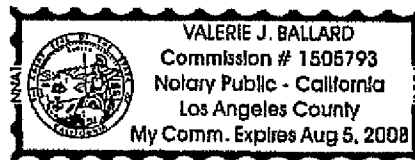


EXHIBIT C **ASSIGNMENT OF RIGHTS IN CERTAIN ASSETS**

For good and valuable consideration, the receipt of which is hereby acknowledged, Universal Electronics Inc., a Delaware corporation, with an office at 6101 Gateway Dr., Cypress, CA 90630 ("**Assignor**"), does hereby sell, assign, transfer, and convey unto Nisel Investments Limited Liability Company, a Delaware limited liability company, with an address at 2711 Centerville Road, Suite 400, Wilmington, DE 19808 ("**Assignee**"), or its designees, the right, title, and interest in and to any and all of the following provisional patent applications, patent applications, patents, and other governmental grants or issuances of any kind (the "**Certain Assets**");

Patent or application no.	Country	Filing Date	Title of Patent and Inventors
EP0782273 (EP96309526 0)	EP	11/26/2003 (12/27/1996)	Single wire keyboard encode and decode circuit ESCOBOSA MARCUS
ES0782273 (ES96309526 0)	ES	11/26/2003 (12/27/1996)	Single wire keyboard encode and decode circuit ESCOBOSA MARCUS
FR0782273 (FR96309526 0)	FR	11/26/2003 (12/27/1996)	Single wire keyboard encode and decode circuit ESCOBOSA MARCUS
GB0782273 (GB96309526 0)	GB	11/26/2003 (12/27/1996)	Single wire keyboard encode and decode circuit ESCOBOSA MARCUS
SE0782273 (SE96309526 0)	SE	11/26/2003 (12/27/1996)	Single wire keyboard encode and decode circuit ESCOBOSA MARCUS
DE69630861 (DE69630861 4)	DE	11/26/2003 (12/27/1996)	Single wire keyboard encode and decode circuit ESCOBOSA MARCUS
08/037.619	US	3/24/1993	IR LED IN PDA PAUL V. DARBEE, SANTA ANA, CA (US)
PCT/US94/03166	WO	3/23/1994	INFRARED REMOTE CONTROL DEVICE FOR A PERSONAL DIGITAL ASSISTANT DARBEE PAUL V
CA2158947	CA	3/23/1994	INFRARED REMOTE CONTROL DEVICE FOR A PERSONAL DIGITAL ASSISTANT DARBEE PAUL V
JP06-521355T	JP	3/23/1994	INFRARED REMOTE CONTROL DEVICE FOR A PERSONAL DIGITAL ASSISTANT DARBEE PAUL V
EP94913301 1	EP	3/23/1994	INFRARED REMOTE CONTROL DEVICE FOR A PERSONAL DIGITAL ASSISTANT DARBEE PAUL V
CA2265202	CA	3/9/1999	SENSING AND CONTROL DEVICES USING PRESSURE SENSITIVE RESISTIVE ELEMENTS CAMPBELL ROBERT; ESCOBOSA MARCUS; CHEN FUSHENG FRANK; HAYES PATRICK H
EP0942391 (EP99104685 5)	EP	8/30/2006 (3/9/1999)	Sensing and control devices using pressure sensitive resistive elements ESCOBOSA MARCUS; CAMPBELL ROBERT; CHEN FUSHENG FRANK; HAYES PATRICK H

Patent or application no.	Country	Filing Date	Title of Patent and Inventors
CA2262354 (CA2262354)	CA	(2/23/1999)	KEY MODULE FOR WIRELESS KEYBOARD DENT JOHN D; WALTER RONALD J
EP99103734 2	EP	2/26/1999	Key module for wireless keyboard WALTER RONALD J; DENT JOHN D
CA2216766	CA	9/29/1997	WIRELESS CONTROL AND POINTER SYSTEM ESCOBOSA MARCUS; YUN YOUPIPING; CHEN FUSHENG F
EP97116916 4	EP	9/30/1997	Wireless control and pointer system ESCOBOSA MARCUS; YUN YOUPIPING; CHEN FUSHENG FRANK
EP1209661 (EP01309834 8)	EP	1/3/2007 (11/22/2001)	Universal remote control adapted to receive voice input HAYES PATRICK H; ARLING PAUL D
EP01309838 9	EP	11/22/2001	Game controller SWEENEY KENNETH G; KLEIN SANDRO D; BROWN WILLIAM L; CONWAY JAMES N
PCT/US02/05373	WO	2/21/2002	SYSTEM AND METHOD FOR CONTROLLING HOME APPLIANCES CONWAY JAMES N; HAYES PATRICK H
AU45502/02	AU	2/21/2002	System and method for controlling home appliances Conway, James N Hayes, Patrick H
MXPA03008084	MX	9/8/2003	SYSTEM AND METHOD FOR CONTROLLING HOME APPLIANCES HAYES PATRICK H
EP1371044 (EP02713664 7)	EP	10/13/2004 (2/21/2002)	SYSTEM AND COMPUTER READABLE MEDIUM FOR CONTROLLING HOME APPLIANCES CONWAY JAMES N; HAYES PATRICK H
ES1371044 (ES02713664 7)	ES	5/18/2006 (2/21/2002)	SYSTEM AND COMPUTER READABLE MEDIUM FOR CONTROLLING HOME APPLIANCES CONWAY JAMES N; HAYES PATRICK H
PCT/US02/09289	WO	3/26/2002	UNIVERSAL REMOTE CONTROL CAPABLE OF SIMULATING A SKIP SEARCH HAYES PATRICK H
AU200254384	AU	2/13/2004	UNIVERSAL REMOTE CONTROL CAPABLE OF SIMULATING A SKIP SEARCH HAYES PATRICK H
BR2002PI11783	BR	3/26/2002	UNIVERSAL REMOTE CONTROL CAPABLE OF SIMULATING A SKIP SEARCH HAYES PATRICK H
MXPA04001211	MX	2/6/2004	UNIVERSAL REMOTE CONTROL CAPABLE OF SIMULATING A SKIP SEARCH PATRICK H HAYES
CA2456660	CA	2/5/2004	UNIVERSAL REMOTE CONTROL CAPABLE OF SIMULATING A SKIP SEARCH HAYES PATRICK H
60/288,192	US	5/2/2001	Universal remote control with display and printer Patrick Hayes , Mission Viejo, CA

Patent or application no.	Country	Filing Date	Title of Patent and Inventors
PCT/US02/09131	WO	3/26/2002	UNIVERSAL REMOTE CONTROL WITH DISPLAY AND PRINTER CROSS REFERENCE TO RELATE APPLICATIONS KLEIN SANDRO D; DRESTI MAURO; CAMPBELL ROBERT A; YUH HAN-SHENG
CA2444934	CA	3/26/2002	UNIVERSAL REMOTE CONTROL WITH DISPLAY AND PRINTER CROSS REFERENCE TO RELATE APPLICATIONS DRESTI MAURO; CAMPBELL ROBERT A; YUH HAN-SHENG; KLEIN SANDRO D
EP02721568.0	EP	3/26/2002	UNIVERSAL REMOTE CONTROL WITH DISPLAY AND PRINTER CROSS REFERENCE TO RELATE APPLICATIONS KLEIN SANDRO D; DRESTI MAURO; CAMPBELL ROBERT A; YUH HAN-SHENG
PCT/US04/10792	WO	4/6/2004	SYSTEM AND METHOD FOR DETERMINING VOLTAGE LEVELS HAYES PATRICK H
PCT/US2003/025504	WO	8/13/2003	SYSTEM AND METHOD FOR USING KEYSTROKE DATA TO CONFIGURE A REMOTE CONTROL DEVICE Paul Arling; Patrick H. Hayes
CA2500004	CA	8/13/2003	SYSTEM AND METHOD FOR USING KEYSTROKE DATA TO CONFIGURE A REMOTE CONTROL DEVICE Paul Arling; Patrick H. Hayes

Assignor assigns to Assignee all rights to the inventions, invention disclosures, and discoveries in the assets listed above, together, with the rights, if any, to revive prosecution of claims under such assets and to sue or otherwise enforce any claims under such assets for past, present or future infringement.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to make available to Assignee all records regarding the Certain Assets.

The terms and conditions of this Assignment of Rights in Certain Assets will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

DATED this 17th day of June 2008

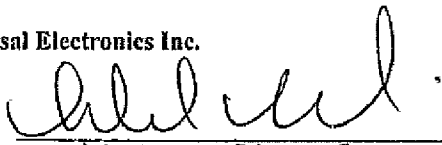
ASSIGNOR:

Universal Electronics Inc.

By:

Name:

Title:


MARC KOPICIE
EXEC. VICE PRESIDENT