PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
The Board of Regents, The University of Texas System	04/11/2008

RECEIVING PARTY DATA

Name:	Intellectual Ventures Holding 40 LLC
Street Address:	7251 West Lake Mead Blvd
Internal Address:	Suite 300
City:	Las Vegas
State/Country:	NEVADA
Postal Code:	89128

PROPERTY NUMBERS Total: 55

Property Type	Number
Patent Number:	5178989
Patent Number:	5578848
Patent Number:	6313486
Patent Number:	6313487
Patent Number:	6319799
Patent Number:	6360935
Patent Number:	6384414
Patent Number:	6399273
Patent Number:	6744083
Application Number:	11118822
Application Number:	11188233
Application Number:	11539671
Application Number:	10429278
Application Number:	11250954

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Application Number:	11875273
Application Number:	11405657
PCT Number:	US0766712
Application Number:	11536740
Application Number:	11946932
PCT Number:	US0786000
Application Number:	60915705
Application Number:	60938382
Application Number:	11936954
Patent Number:	7045833
Application Number:	11791090
Application Number:	10575737
Application Number:	60944898
Patent Number:	6863790
PCT Number:	US9004123
Patent Number:	5478765
PCT Number:	US0119307
PCT Number:	US0119273
PCT Number:	US0114951
Application Number:	60066530
PCT Number:	US9825226
Application Number:	60148836
Application Number:	60149622
PCT Number:	US0022314
Application Number:	60342957
Application Number:	60725958
Application Number:	60398488
Application Number:	60722313
Application Number:	60680273
Application Number:	60236952
PCT Number:	US0130775
PCT Number:	US0433602
Application Number:	60510707
Application Number:	60036922
PCT Number:	US9802118

Application Number:	60565983
Application Number:	60589713
Application Number:	60867948
Application Number:	60628221
PCT Number:	US0541697
PCT Number:	US0616771

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	119128-160961 PORTFOLIO
NAME OF SUBMITTER:	Richard Bo. Leggett

Total Attachments: 14
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ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, The Board of Regents, The University of Texas System, a Texas educational institution having offices at 201 West 7th Street, Austin, Texas 78701, (***"Assignor"***), does hereby sell, assign, transfer and convey onto Intellectual Ventures Holding 40 LLC, a Nevada limited liability company, having an office at 7251 West Lake Mead Blvd., Suite 300. Las Vegas, NV 89128 (***"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"***), subject to certain non-exclusive license rights granted to Seller and certain existing non-exclusive licensees of Seller (the ***"Reserved Rights"***).

Patent or application no.	**Country**	**Filing Date**	**Title of Patent and Inventors**
5,178,989 (07/384,705)	US	1/12/1993 (7/21/1989)	PATTERN FORMING AND TRANSFERRING PROCESSES HELLER, ADAM; CARLS, JOSEPH C.; ARGITIS, PANAGIOTIS; MEAUX, JOHN J.
AU19900061518D	AU	7/20/1990	PATTERN FORMING AND TRANSFERRING PROCESSES HELLER ADAM; CARLS JOSEPH C; ARGITIS PANAGIOTIS; MEAUX JOHN J
5,578,848 (08/529,926)	US	11/26/1996 (9/18/1995)	ULTRA THIN DIELECTRIC FOR ELECTRONIC DEVICES AND METHOD OF MAKING SAME KWONG, DIM-LEE; YOON, GIWAN; KIM, JONGHAN; HAN, LIANG-KAI; YAN, JIANG

Patent or application no.	Country	Filing Date	Title of Patent and Inventors
6,313,486 (09/595,366)	US	11/6/2001 (6/15/2000)	FLOATING GATE TRANSISTOR HAVING BURIED STRAINED SILICON GERMANIUM CHANNEL LAYER KENCKE, DAVID L.; BANERJEE, SANJAY K.
6,313,487 (09/596,006)	US	11/6/2001 (6/15/2000)	VERTICAL CHANNEL FLOATING GATE TRANSISTOR HAVING SILICON GERMANIUM CHANNEL LAYER KENCKE, DAVID L.; BANERJEE, SANJAY K.
6,319,799 (09/568,091)	US	11/20/2001 (5/9/2000)	HIGH MOBILITY HETEROJUNCTION TRANSISTOR AND METHOD OUYANG, QIQING; TASCH, JR., AL F.; BANERJEE, SANJAY KUMAR
TW179065 (TW090112518)	TW	6/11/2003 (5/24/2001)	HIGH MOBILITY HETEROJUNCTION TRANSISTOR AND METHOD OUYANG QIQING; TASCH AL F JR; BANERJEE SANJAY KUMAR
6,360,935 (09/237,774)	US	3/26/2002 (1/26/1999)	APPARATUS AND METHOD FOR ASSESSING SOLDERABILITY FLAKE, ROBERT H.

Patent or application no.	Country	Filing Date	Title of Patent and Inventors
6,384,414 (09/200,314)	US	5/7/2002 (11/25/1998)	METHOD AND APPARATUS FOR DETECTING THE PRESENCE OF AN OBJECT FISHER, DAVID L.; ROGERS, ROBERT L.
6,399,273 (09/639,382)	US	6/4/2002 (8/14/2000)	WATER-PROCESSABLE PHOTORESIST COMPOSITIONS YAMADA, SHINTARO; RAGER, TIMO; WILLSON, C. GRANT
EP00955540.0	EP	8/14/2000	WATER-PROCESSABLE PHOTORESIST COMPOSITIONS YAMADA SHINTARO; RAGER TIMO; WILLSON C GRANT
JP20010517217	JP	8/14/2000	WATER-PROCESSABLE PHOTORESIST COMPOSITIONS YAMADA SHINTARO; RAGER TIMO; WILLSON C GRANT
6,744,083 (10/263,111)	US	6/1/2004 (10/1/2002)	SUBMICRON MOSFET HAVING ASYMMETRIC CHANNEL PROFILE CHEN, XIANGDONG; BANERJEE, SANJAY KUMAR

Patent or application no.	Country	Filing Date	Title of Patent and Inventors
11/118,822	US	4/28/2005	MULTI-CODE MULTI-CARRIER CODE DIVISION MULTIPLE ACCESS (CDMA) SYSTEM AND METHOD TAEYOON KIM , AUSTIN, TX (US)
11/188,233	US	7/21/2005	INTERPOLATION BASED TRANSMIT BEAMFORMING TECHNIQUE FOR MIMO-OFDM WITH PARTIAL FEEDBACK ROBERT W. HEATH, JR. ET AL
11/539,671	US	10/9/2006	METHOD FOR PERFORMING POST-SYNTHESIS CIRCUIT OPTIMIZATION MICHAEL ORSHANSKY , AUSTIN, TX (US)
10/429,278	US	5/2/2003	METHOD AND SYSTEM FOR BACKGROUND REPLICATION OF DATA OBJECTS MICHAEL DAHLIN , AUSTIN, TX
11/250,954	US	10/14/2005	BROADBAND CAVITY SPECTROMETER APPARATUS AND METHOD FOR DETERMINING THE PATH LENGTH OF AN OPTICAL STRUCTURE CHIH-KANG SHIH , AUSTIN, TX (US)

Patent or application no.	Country	Filing Date	Title of Patent and Inventors
11/875,273	US	10/19/2007	BROADBAND CAVITY SPECTROMETER APPARATUS AND METHOD FOR DETERMINING THE PATH LENGTH OF AN OPTICAL STRUCTURE CHIH-KANG SHIH , AUSTIN, TX (US)
11/405,657	US	4/17/2006	CATALYTIC TEMPLATE METHOD FOR SELECTIVE GROWTH OF HIGHLY DENSE CARBON NANOTUBES HO, PAUL ET AL.
PCT/US2007/066712	WO		CATALYTIC TEMPLATE METHOD FOR SELECTIVE GROWTH OF HIGHLY DENSE CARBON NANOTUBES HO, PAUL ET AL.
11/536,740	US	9/29/2006	METHOD FOR PREDICTING CONTRIBUTIONS OF SILICON INTERSTITIALS TO N-TYPE DOPANT TRANSIENT ENHANCED DIFFUSION DURING A PN JUNCTION FORMATION GYEONG HWANG , AUSTIN, TX (US)

Patent or application no.	Country	Filing Date	Title of Patent and Inventors
11/946,932	US	11/29/2007	A VOLTAGE CONTROLLED OSCILLATOR WITH COMMON MODE FEEDBACK AND FULLY DIFFERENTIAL CONTROL EARL E. SWARTZLANDER, JR., GIRI N. RANGAN
PCT/US2007/86000	WO	11/30/2007	A VOLTAGE CONTROLLED OSCILLATOR WITH COMMON MODE FEEDBACK AND FULLY DIFFERENTIAL CONTROL EARL E. SWARTZLANDER, JR., GIRI N. RANGAN
60/915,705	US	5/3/2007	ACTIVE CONTROL OF EXCHANGE BIAS BY AN ELECTRIC CURRENT MAXIM TSOI, ALLAN MACDONALD
60/938,382	US	5/16/2007	A LOW POWER AUDIO SIGMA-DELTA DAC USING MODIFIED IFLF STRUCTURE TO ATTENUATE DISTORTION SHOULI YAN, XIAOHONG LI, ZHIHENG CAO

Patent or application no.	Country	Filing Date	Title of Patent and Inventors
11/936,954	US	11/8/2007 (5/30/2006)	METHOD AND APPARATUS FOR GROWING SINGLE-CRYSTAL METALS CIULIK, JAMES R. AND TALEFF, ERIC M.
NATIONAL PHASE OF PCT/US2006/016771	JP	5/30/2006	METHOD AND APPARATUS FOR GROWING SINGLE-CRYSTAL METALS CIULIK, JAMES R. AND TALEFF, ERIC M.
NATIONAL PHASE OF PCT/US2006/016771	CN	5/30/2006	METHOD AND APPARATUS FOR GROWING SINGLE-CRYSTAL METALS CIULIK, JAMES R. AND TALEFF, ERIC M.
NATIONAL PHASE OF PCT/US2006/016771	KR	5/30/2006	METHOD AND APPARATUS FOR GROWING SINGLE-CRYSTAL METALS CIULIK, JAMES R. AND TALEFF, ERIC M.
NATIONAL PHASE OF PCT/US2006/016771	EP	5/30/2006	METHOD AND APPARATUS FOR GROWING SINGLE-CRYSTAL METALS CIULIK, JAMES R. AND TALEFF, ERIC M.

Patent or application no.	Country	Filing Date	Title of Patent and Inventors
7,045,833	US	11/16/2005	AVALANCHE PHOTODIODES WITH AN IMPACT-IONIZATION-ENGINEERED MULTIPLICATION REGION JOSEPH CAMPBELL AND PING YUAN
11/791,090	US	5/16/2007	PRECODING FOR MULTI-USER TRANSMISSION IN MULTIPLE ANTENNA WIRELESS SYSTEMS ROBERT HEATH, MANISH AIRY, ANTONIO FORENZA
10/575,737	US	4/10/2006	CARBON NANOSTRUCTURE-BASED ELECTROCATALYTIC ELECTRODES KEITH STEVENSON AND STEPHEN MALDONADO
60/944,898	US	6/19/2007	METHOD FOR PROVIDING LIGHT THERAPY BAS ROKERS

Patent or application no.	Country	Filing Date	Title of Patent and Inventors
6,863,790	US	3/8/2005	A NOVEL SHEATHLESS INTERFACE FOR CAPILLARY ELECTROPHORESIS / ELECTROSPRAY IONIZATION-MASS SPECTROMETRY USING AN IN-CAPILLARY ELECTRODE MEHDI MOINI AND PING CAO

(a) the provisional patent applications, patent applications and patents listed in the table set forth above;

(b) all patents and patent applications (i) to which any of the Patents directly or indirectly claims priority, (ii) for which any of the Patents directly or indirectly forms a basis for priority, and/or (iii) that were co-owned and that directly or indirectly incorporate by reference the Patents;

(c) all reissues, reexaminations, extensions, continuations, continuations in part (but only to the extent that the claims in the continuations in part are entitled to a priority date from a patent application otherwise included in this definition), continuing prosecution applications, requests for continuing examinations, divisions, and registration of any item in the foregoing categories (a) and (b);

(d) all foreign patents, patent applications, and counterparts relating to any item in 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) all inventions and discoveries claimed in or that could have been claimed in any of the items described in any item in any of the foregoing categories (a) through (e) and all other rights arising out of such inventions and discoveries;

(g) 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 of the Patents and the inventions and discoveries therein;

(h) all causes of action and enforcement rights of any kind (whether such claims, causes of action or enforcement rights are known or unknown; currently pending, filed, to be filed, or otherwise) under the Patents and/or under or on account of any of the Patents for past, current and future infringement of the Patents, including without limitation, all rights to (i) pursue and collect damages, profits and awards of whatever nature recoverable, (ii) injunctive relief, (iii) other remedies, and (iv) compromise and/or settle all such claims, causes of action and enforcement rights, for such infringement by granting an infringing party a license or otherwise; and

(i) rights to collect royalties or other payments under or on account of any of the Patents or any of the foregoing, except with respect to the Reserved 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.

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 Austin, Texas on April 11, 2008.

SELLER:

BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM

By: _____

Name: Barry Burgdorf
Title: Vice Chancellor and General Counsel

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

On April 11, 2008, before me, BEVERLY HURST, Notary Public in and for said State, personally appeared BARRY BURGDORF, 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 Beverly Hurst

BEVERLY HURST
Notary Public
State of Texas
My Commission Expires
February 23, 2011

Exhibit C, revised

ASSIGNMENT OF ABANDONED ASSETS

For good and valuable consideration, the receipt of which is hereby acknowledged, Board of Regents, The University of Texas System, a state agency formed under the laws of the State of Texas, with an office at 201 West 7th Street, Austin, Texas 78701 (*"Assignor"*), does hereby sell, assign, transfer, and convey Intellectual Ventures Holding 40 LLC, a Nevada limited liability company, having an office at 7251 West Lake Mead Blvd., Suite 300. Las Vegas, NV 89128 (*"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 *"Abandoned Assets"*):

Patent or Application No.	Country	Filing Date	Title of Patent and First Named Inventor
PCT/US1990/004123	WO	7/20/1990	PATTERN FORMING AND TRANSFERRING PROCESSES HELLER ADAM; CARLS JOSEPH C; ARGITIS PANAGIOTIS; MEAUX JOHN J
CA19902063603	CA	7/20/1990	PATTERN FORMING AND TRANSFERRING PROCESSES HELLER ADAM; CARLS JOSEPH C; ARGITIS PANAGIOTIS; MEAUX JOHN J
DE19904091209T	DE	7/20/1990	PATTERN FORMING AND TRANSFERRING PROCESSES HELLER ADAM; CARLS JOSEPH C; ARGITIS PANAGIOTIS; MEAUX JOHN J
5,478,765 (08/237,745)	US	12/26/1995 (5/4/1994)	ULTRA THIN DIELECTRIC FOR ELECTRONIC DEVICES AND METHOD OF MAKING SAME Kwong, Dim-Lee; Yoon, Giwan; Kim, Jonghan; Han, Liang-Kai; Yan, Jiang
PCT/US2001/019307	WO	6/15/2001	FLOATING GATE TRANSISTOR HAVING BURIED STRAINED SILICON GERMANIUM CHANNEL LAYER KENCKE DAVID L; BANERJEE SANJAY K
PCT/US2001/019273	WO	6/15/2001	VERTICAL CHANNEL FLOATING GATE TRANSISTOR HAVING SILICON GERMANIUM CHANNEL LAYER KENCKE DAVID L; BANERJEE SANJAY K
PCT/US2001/014951	WO	5/9/2001	HIGH MOBILITY HETEROJUNCTION TRANSISTOR AND METHOD OUYANG QIQING; TASCH AL F JR; BANERJEE SANJAY KUMAR
60/066,530	US	11/25/1997	APPARATUS AND METHOD FOR HUMAN PRESENCE DETECTION AND OBJECT CLASSIFICATION DAVID L. FISHER , AUSTIN, TX (US)
PCT/US1998/025226	WO	11/25/1998	OBJECT PRESENCE DETECTION USING DUAL WAVELENGTH BANDS FISHER DAVID L; ROGERS ROBERT L

60/148,836	US	8/13/1999	WATER PROCESSABLE PHOTORESIST COMPOSITIONS SHINTARO YAMADA , AUSTIN, TX (US)
60/149,622	US	8/16/1999	WATER PROCESSABLE PHOTORESIST COMPOSITIONS SHINTARO YAMADA , AUSTIN, TX (US)
PCT/US2000/022314	WO	8/14/2000	WATER-PROCESSABLE PHOTORESIST COMPOSITIONS YAMADA SHINTARO; RAGER TIMO; WILLSON C GRANT
60/342,957	US	12/20/2001	pMOSFET with asymmetric silicon-germanium region in channel Xiangdong Chen , Beacon, NY (US)
60/725,958	US	10/11/2005	Method for performing post-synthesis circuit optimization Michael Orshansky , Austin, TX
60/398,488	US	7/25/2002	Method and system for background replication of data objects Michael Dahlin , Austin, TX (US)
60/722,313	US	9/29/2005	First-principles model for predicting the evolution of n-type dopant concentration and electrical activity profiles in ultrashallow junction formation Gyeong Hwang , Austin, TX
60/680,273	US	5/12/2005	Unknown Title Unknown Inventor(s)
60/236,952	US	9/29/2000	Avalanche photodiodes with an impact-ionization-engineered multiplication region Joe Campbell , Austin, TX
PCT/US01/30775	WO	10/1/2001	A THEORY OF THE CHARGE MULTIPLICATION PROCESS IN AVALANCHE PHOTODIODES CAMPBELL JOE C; YUAN PING
PCT/US04/33602	WO	10/12/2004	CARBON NANOSTRUCTURE-BASED ELECTROCATALYTIC ELECTRODES Stephen Maldonado et al.
60/510,707	US	10/10/2003	CARBON NANOTUBE-BASED ELECTROCATALYTIC ELECTRODES Stephen Maldonado
60/036,922	US	2/6/1997	NOVEL SHEATHLESS INTERFACE FOR CAPILLARY ELECTROPHORESIS / ELECTROSPRAY IONIZATION-MAS SPECTROMETRY USING AN IN-CAPILLARY ELECTRODE Mehdi Moini
PCT/US1998/02118	WO	2/5/1998	NOVEL SHEATHLESS INTERFACE FOR CAPILLARY ELECTROPHORESIS / ELECTROSPRAY IONIZATION-MAS SPECTROMETRY USING AN IN-CAPILLARY ELECTRODE Mehdi Moini
60/565,983	US	4/28/2004	MULTI-CODE MULTI-CARRIER CODE DIVISION MULTIPLE ACCESS (CDMA) SYSTEM AND METHOD Taeyoon Kim et al.

60/589,713	US	7/21/2004	INTERPOLATION BASED TRANSMIT BEAMFORMING TECHNIQUE FOR MIMO-OFDM WITH PARTIAL FEEDBACK Robert W. Heath et al.
60/867,948	US	11/30/2006	VOLTAGE CONTROLLED OSCILLATOR WITH COMMON MODE FEEDBACK AND FULLY DIFFERENTIAL CONTROL Earl E. Swartzlander, Jr. et al.
60/628,221	US	11/16/2004	PRECODING SYSTEM AND METHOD FOR MULTI-USER TRANSMISSION IN MULTIPLE ANTENNA WIRELESS SYSTEMS Airy et al.
PCT/US2005/041697	WO	11/16/2004	PRECODING SYSTEM AND METHOD FOR MULTI-USER TRANSMISSION IN MULTIPLE ANTENNA WIRELESS SYSTEMS Airy et al.
PCT/US2006/016771	WO	5/3/2006	METHOD AND APPARATUS FOR GROWING SINGLE-CRYSTAL METALS James R. Ciulik et al.
JP19900511314	JP	7/20/1990	PATTERN FORMING AND TRANSFERRING PROCESSES HELLER ADAM; CARLS JOSEPH C; ARGITIS PANAGIOTIS; MEAUX JOHN J

Assignor assigns to Assignee all rights to the inventions 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 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 Abandoned Assets.

The terms and conditions of this Assignment of Rights in Abandoned 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 11th day of April 2008.

ASSIGNOR:

Board of Regents, The University of Texas System

By: _____

Name: Barry Burgdorf

Title: Vice Chancellor and General Counsel