PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4667494

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
	Corrective Assignment to correct the ASSIGNEE'S NAME previously recorded on Reel 020645 Frame 0151. Assignor(s) hereby confirms the CORRECT ASSIGNEE'S NAME AS JM MGMT. GROUP LTD. LLC.

CONVEYING PARTY DATA

Name	Execution Date
JAM TECHNOLOGIES, INC.	12/07/2007

RECEIVING PARTY DATA

Name:	JM MGMT. GROUP LTD. LLC
Street Address:	2711 CENTERVILLE ROAD
Internal Address:	SUITE 400
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19808

PROPERTY NUMBERS Total: 39

Property Type	Number
Patent Number:	6535058
Patent Number:	6768375
Patent Number:	6538504
Patent Number:	6538505
Patent Number:	6563378
Patent Number:	6643147
Patent Number:	6744311
Patent Number:	6771120
Patent Number:	6778012
Patent Number:	7196575
Patent Number:	6781453
Patent Number:	6937090
Patent Number:	6989656
Patent Number:	6989657
Patent Number:	7116162
Patent Number:	7005917
Patent Number:	7132886
Patent Number:	7142049

PATENT

REEL: 044344 FRAME: 0665

Property Type	Number
Patent Number:	7151403
Patent Number:	7157964
Patent Number:	7230500
Patent Number:	5610553
Patent Number:	6492868
Patent Number:	6509793
Patent Number:	6636113
Application Number:	10916128
Application Number:	11107713
Application Number:	10912211
Application Number:	11114628
Application Number:	11106290
Application Number:	11108243
Application Number:	11483053
Application Number:	10649218
Application Number:	11344358
Application Number:	60886746
Application Number:	60887000
Application Number:	60887173
Application Number:	60887394
Application Number:	60887662

CORRESPONDENCE DATA

Fax Number: (206)903-8820

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 206 903-8800

Email: ivrecordations@intven.com
Correspondent Name: DORSEY & WHITNEY LLP

Address Line 1: 701 FIFTH AVENUE

Address Line 2: SUITE 6100

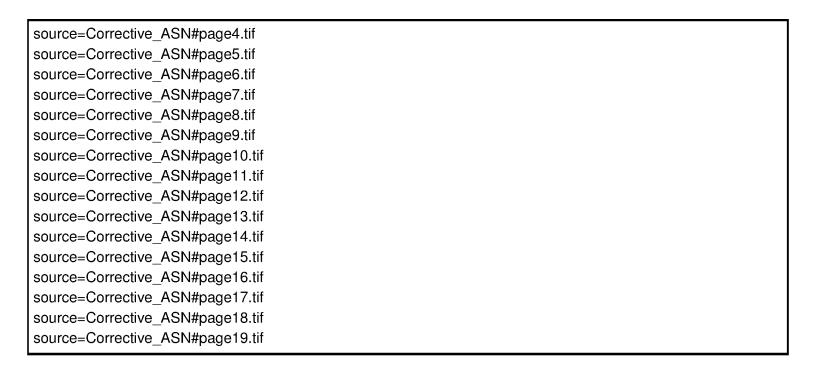
Address Line 4: SEATTLE, WASHINGTON 98104

ATTORNEY DOCKET NUMBER:	0788GENERAL
NAME OF SUBMITTER:	CARLY WHIMS
SIGNATURE:	/Carly Whims/
DATE SIGNED:	10/31/2017

Total Attachments: 19

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> PATENT REEL: 044344 FRAME: 0666



PATENT REEL: 044344 FRAME: 0667

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAM Technologies, Inc.	12/07/2007

RECEIVING PARTY DATA

Name:	JM Electronics Ltd. LLC
Street Address:	2711 Centerville Road
Internal Address:	Suite 400
City:	Wilmington
State/Country:	DELAWARE
Postal Code:	19808

PROPERTY NUMBERS Total: 41

Property Type	Number
Patent Number:	6535058
Patent Number:	6768375
Patent Number:	6538504
Patent Number:	6538505
Patent Number:	6563378
Patent Number:	6643147
Patent Number:	6744311
Patent Number:	6771120
Patent Number:	6778012
Patent Number:	7196575
Patent Number:	6781453
Patent Number:	6937090
Patent Number:	6989656
Patent Number:	6989657
	BATENIT-

REEL: 020845 FRANCE: 06681

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Patent Number:	7116162
Patent Number:	7005917
Patent Number:	7132886
Patent Number:	7142049
Patent Number:	7151403
Patent Number:	7157964
Patent Number:	7230500
Patent Number:	5610553
Patent Number:	6492868
Patent Number:	6509793
Patent Number:	6636113
Application Number:	10916128
Application Number:	11107713
Application Number:	10912211
Application Number:	11114628
Application Number:	11106290
Application Number:	11108243
Application Number:	11483053
Application Number:	10649218
Application Number:	11344358
Application Number:	60886746
Application Number:	60887000
Application Number:	60887173
Application Number:	60887394
Application Number:	60887662
Application Number:	12024074
Application Number:	12019623

CORRESPONDENCE DATA

Fax Number: (206)903-8820

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 2069038800

Email: ipdocket-se@dorsey.com
Correspondent Name: Dorsey & Whitney LLP
Address Line 1: 1420 Fifth Avenue

Address Line 2: Suite 3400

Address Line 4: Seattle, WASHINGTON 98101

PATENT

ATTORNEY DOCKET NUMBER:	JAM (481978-00021)
NAME OF SUBMITTER:	Andy M. Han
Total Attachments: 8 source=jam-jmassignment#page1.tif source=jam-jmassignment#page2.tif source=jam-jmassignment#page3.tif source=jam-jmassignment#page4.tif source=jam-jmassignment#page5.tif source=jam-jmassignment#page6.tif source=jam-jmassignment#page7.tif source=jam-jmassignment#page8.tif	

ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, JAM Technologies, Inc., a Delaware corporation, with an address at P.O. Box 27772, Austin, Texas 78755 ("Assignor"), does hereby sell, assign, transfer, and convey unto JM-Electronics-Ltd-LLC, 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, (ii) for which any of the Patents directly or indirectly forms a basis for priority, and/or (iii) that were co-owned applications that directly or indirectly incorporate by reference the Patents;
- (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) all inventions, invention disclosures, and discoveries described in any item in any of the foregoing categories (a) through (e) and all other rights arising out of such inventions, invention disclosures, and discoveries;
- (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
 - (i) damages,
 - (ii) injunctive relief, and
 - (iii) any other remedies of any kind

-1.

for 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).

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PATENT OR	COUNTRY	577770 JOSEPH 195	TITLE OF PATENT AND FIRST
APPLICATION NO.		DATE	NAMED INVENTOR(S)
6,768,375	US	7/27/2004	MULTI-REFERENCE HIGH
(10/356,883)		(2/3/2003)	ACCURACY SWITCHING
			AMPLIFIER EXPANSION
		# 150	LARRY KIRN
6,538,504	US	3/25/2003	SWITCHING AMPLIFIER
(09/980,837)		(11/15/2001)	CROSSOVER DISTORTION
		*	REDUCTION TECHNIQUE
			LARRY KIRN
6,538,505	US	3/25/2003	DISTORTION REDUCTION
(09/980,966)		(11/15/2001)	TECHNIQUE FOR INDUCTIVE
			BOOST AMPLIFIER
			LARRY KIRN
6,563,378	US	5/13/2003	DIGITAL AMPLIFIER
(09/980,662)		(11/15/2001)	LINEARIZATION USING ANALOG
			FEEDBACK
	8	. ; i	LARRY KIRN
6,643,147	US	11/4/2003	MODULATION TECHNIQUE FOR
(10/167,380)		(6/11/2002)	FLYBACK CONVERTER
3			LARRY KIRN
6,744,311	US	6/1/2004	SWITCHING AMPLIFIER WITH
(10/128,049)		(4/23/2002)	VOLTAGE-MULTIPLYING OUTPUT
	-		STAGE
4	:	987 1	LARRY KIRN
6,771,120	US	8/3/2004	REFERENCE GENERATION
(09/929,310)		(8/14/2001)	TECHNIQUE FOR MULTIPLE-
			REFERENCE AMPLIFIER
			LARRY KIRN
6,778,012	US	8/17/2004	POLYPHASE IMPEDANCE
(10/435,851)		(5/12/2003)	TRANSFORMATION AMPLIFIER
	20 3		LARRY KIRN
CN03816260.1	CN	5/13/2003	POLYPHASE IMPEDANCE
		, * **	TRANSFORMATION AMPLIFIER
			LARRY KIRN
JP2004-504376	JP	5/13/2003	POLYPHASE IMPEDANCE
			TRANSFORMATION AMPLIFIER
		11 140 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	F. A. FEFFER P. TZ FINGS Y
			LARRY KIRN

PATENT OR APPLICATION NO.	COUNTRY	FILING DATE	TITLE OF PATENT AND FIRST
KR1020047018372	KR		NAMED INVENTOR(S)
XX102004/0103/2	V.V.	5/13/2003	POLYPHASE IMPEDANCE
		+	TRANSFORMATION AMPLIFIER
	***		LARRY KIRN
7,196,575	US	3/27/2007	POLYPHASE IMPEDANCE
(10/514,306)		(11/12/2004)	TRANSFORMATION AMPLIFIER
			LARRY KIRN
6,781,453	US	8/24/2004	METHOD OF DETECTING LOAD
(10/128,047)		(4/23/2002)	IMPEDANCE FOR INDUCTIVE
* ************************************			BOOST AMPLIFIER
		8	LARRY KIRN
6,937,090	US	8/30/2005	CHARGE INJECTION REDUCTION
(09/941,187)	1,00 1,00	(8/28/2001)	TECHNIQUE IN SINGLE AND
大田田 山本 山東東京社 野久		(mraison)	MULTI-REFERENCE SWITCHING
			AMPLIFIERS
		* *	LARRY KIRN
6,989,656	US	1/24/2006	FLYBACK CONVERTER
(10/437,318)		(5/13/2003)	LINEARIZATION METHODS AND
s		V	APPARATUS
			LARRY KIRN
6,989,657	US	1/24/2006	METHOD OF DETECTING
(10/769,952)		(2/2/2004)	SWITCHING POWER SUPPLY
Control of the Section No.		(2007)	OUTPUT CURRENT
			LARRY KIRN
CN20048000573.0	CN	2/3/2004	
	- C - T	34(3)200 4	IMPROVED METHOD OF
			DETECTING SWITCHING POWER
		00	SUPPLY OUTPUT CURRENT
	<u> </u>		LARRY KIRN
IP2006-503294	JP	2/3/2004	IMPROVED METHOD OF
		lan lan	DETECTING SWITCHING POWER
	w.		SUPPLY OUTPUT CURRENT
		e i	LARRY KIRN
KR10-2005-7014294	KR	2/3/2004	IMPROVED METHOD OF
en nover a le anno a la servició de la companyo	1	and the same of the same	DETECTING SWITCHING POWER
	25		SUPPLY OUTPUT CURRENT
		÷	LARRY KIRN
			WINIA LAININ

PATENT OR APPLICATION NO.	COUNTRY	FILING DATE	TITLE OF PATENT AND FIRST NAMED INVENTOR(S)
EP04707758.1	EP	2/3/2004	IMPROVED METHOD OF
		1 14	DETECTING SWITCHING POWER
			SUPPLY OUTPUT CURRENT
			LARRY KIRN
7,116,162	US	10/3/2006	REDUCED OUTPUT TOPOLOGY
(10/649,035)		(8/27/2003)	FOR MULTI-REFERENCE
	÷		SWITCHING AMPLIFIERS
<i>₩</i> . <i>1</i>			LARRY KIRN
7,005,917	US	2/28/2006	POWER SUPPLY REJECTION
(10/405,821)		(4/2/2003)	TECHNIQUE FOR SWITCHING AMPLIFIER
		31	LARRY KIRN
7,132,886	US	11/7/2006	DETECTING LOAD CURRENT IN
(10/916,037)		(8/11/2004)	MULTI-REFERENCE AMPLIFIERS
			LARRY KIRN
7,142,049	US	11/28/2006	MULTI-REFERENCE SWITCHING
(10/916,131)	US	(8/11/2004)	AMPLIFIER MODULATION
(<i>y</i>	XXIII 0 -0 0 0	METHOD AND APPARATUS
		# # # # # # # # # # # # # # # # # # #	LARRY KIRN
7,151,403	US	12/19/2006	ADAPTIVE SELF-CALIBRATION
(10/916,032)		(8/11/2004)	METHOD AND APPARATUS
****			LARRY KIRN
7,157,964	US	1/2/2007	MULTI-OUTPUT SWITCHING
(10/916,038)		(8/11/2004)	AMPLIFIER
			LARRY KIRN
7,230,500	US	6/12/2007	SYNCHRONOUS DELAY-LINE
(11/168,810)		(6/28/2005)	AMPLIFICATION TECHNIQUE
			LARRY KIRN
5,610,553	US	3/11/1997	SWITCHING AMPLIFIER WITH
(08/513,780)		(8/31/1995)	IMPEDANCE TRANSFORMATION
		-	OUTPUT STAGE
		*	LARRY KIRN
6,492,868	US	12/10/2002	DYNAMIC RANGE
(09/929,335)		(8/14/2001)	ENHANCEMENT TECHNIQUE
		Tri-	LARRY KIRN

PATENT OR	COUNTRY		TITLE OF PATENT AND FIRST
APPLICATION NO.		DATE	NAMED INVENTOR(S)
6,509,793	US	1/21/2003	SWITCHING AMPLIFIER
(09/862,760)		(5/21/2001)	RESOLUTION ENHANCEMENT
			APPARATUS AND METHODS
			LARRY KIRN
JP2000-619095	JP	5/19/2000	LOAD COMPENSATION
			TECHNIQUE FOR REACTIVE
			IMPEDANCE TRANSFORMATION
			AMPLIFIER OUTPUT STAGE
			LARRY KIRN
EP00932638.0	EP	5/19/2000	LOAD COMPENSATION
			TECHNIQUE FOR REACTIVE
			IMPEDANCE TRANSFORMATION
			AMPLIFIER OUTPUT STAGE
	:		THE PARTIES COOLEGE DIFFERE
			LARRY KIRN
6,636,113	US	10/21/2003	LOAD COMPENSATION
(09/980,983)		(11/15/2001)	TECHNIQUE FOR REACTIVE
			IMPEDANCE TRANSFORMATION
			AMPLIFIER OUTPUT STAGE
			LARRY KIRN
10/916,128	US	8/11/2004	LOAD CURRENT SENSING
tion reach that time early project			TECHNIQUE
			:
			LARRY KIRN
11/107,713	US	4/15/2005	TRICKLE-CHARGED AMPLIFIER
			LARRY KIRN
10/912,211	US	8/5/2004	ADAPTIVE PULSE WIDTH
			DISCRIMINATION USING AN
			ASYNCHRONOUS CLOCK
			LARRY KIRN
11/114,628	US	4/26/2005	SWITCHING CLASS A-B
A AL A L TOMANA	- WU	TI AUI 2003	AMPLIFIER
		4	Ami tartisk
			LARRY KIRN
11/106,290	US	4/14/2005	SELF-POWERED DIGITAL AUDIO
			DEVICES
		H1,	LARRY KIRN
11/108,243	US	4/18/2005	SAMPLED SYSTEM AGILITY
or the state of th	- 	CVUARELYE	TECHNIQUE
	*		and and an
<u> </u>	H	4	LARRY KIRN

PATENT OR	COUNTRY	3	TITLE OF PATENT AND FIRST
APPLICATION NO.	Tra	DATE	NAMED INVENTOR(S)
11/483,053	US	7/7/2006	INTEGRATION IMPROVEMENT
			TECHNIQUE FOR SWITCHING
		4	AMPLIFIERS
		,×	LARRY KIRN
10/649,218	US	8/26/2003	DATA DEMODULATION USING
			AN ASYNCHRONOUS CLOCK
			LARRY KIRN
11/344,358	US	1/31/2006	AUTOMATIC VOLUME LIMITER
			FOR PORTABLE AUDIO DEVICES
			LARRY KIRN
60/886,746	US	1/26/2007	AUTOMATIC AMPLIFIER
The second second			EQUALIZATION TECHNIQUE AND
			APPARATUS
			LARRY KIRN
60/887,000	US	1/29/2007	AUDIO BASS ENHANCEMENT
· · · · · •			TECHNIQUE
			LARRY KIRN
60/887,173	US	1/30/2007	FILTER COMPENSATION
8			TECHNIQUE FOR SWITCHING
			AMPLIFIERS
			LARRY KIRN
60/887,394	US	1/31/2007	EMI REDUCTION TECHNIQUE FOR
70.			SWITCHING AMPLIFIERS
			LARRY KIRN
60/887,662	US	2/1/2007	SAMPLING FREQUENCY
			REDUCTION TECHNIQUE FOR
			SWITCHING AMPLIFIERS
			LARRY KIRN
SG200406681-7	SG	5/13/2003	POLYPHASE IMPEDANCE
u v va u varandini			TRANSFORMATION AMPLIFIER
			LARRY KIRN
SG200504920-0	SG	2/3/2004	IMPROVED METHOD OF
ರು ಅಲ್ಲಾ ಕಲ್ ಕಲಕ್ಟ್ ಪಟ್ಕ್ ಕ್ರೀಕ್ ಕ್ರಿ		and the same of the same.	DETECTING SWITCHING POWER
			SUPPLY OUTPUT CURRENT
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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.

N WITNESS WHEREOF this Assignment of Patent Rights is executed at Austin, Texas on December 7, 2007
ASSIGNOR:
JAM Technologies, Inc.
By: Supre Ell alters Name: Willeys Title: CFO Signature MUST be notarized)
A CONTRACTOR CONTRACTOR AND
STATE OF Texas) Sounty OF Travis)
On December 1,2007 before me, Donna J. Carter , Notary Public in and for said State, personally appeared Jeyn's Walter , 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 name 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. Donna J. Carter Notary Public State of Texas My Commission Expires APRIL 26, 2008
Signature Donna & Carter (Scal)

ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, JAM Technologies, Inc., a Delaware corporation, with an address at P.O. Box 27772, Austin, Texas 78755 ("Assignor"), does hereby sell, assign, transfer, and convey unto JM Electronics Ltd. LLC, 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, (ii) for which any of the Patents directly or indirectly forms a basis for priority, and/or (iii) that were co-owned applications that directly or indirectly incorporate by reference the Patents;
- (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) all inventions, invention disclosures, and discoveries described in any item in any of the foregoing categories (a) through (e) and all other rights arising out of such inventions, invention disclosures, and discoveries;
- (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-

- (i) damages,
- (ii) injunctive relief, and
- (iii) any other remedies of any kind

PATENT REEL: 020845 FRANCE: 06794

(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	COUNTRY	FILING	TITLE OF PATENT AND FIRST
APPLICATION NO.		DATE	NAMED INVENTOR(S)
ZL99813224	CN	4/27/2005	MULTI-REFERENCE, HIGH-
(CN99813224)		(11/12/1999)	ACCURACY SWITCHING
			AMPLIFIER
			LARRY KIRN
JP2000-581746	JP	11/12/1999	MULTI-REFERENCE, HIGH-
			ACCURACY SWITCHING
			AMPLIFIER
	1		
			LARRY KIRN
KR10-0704859-0000	KR	4/2/2007	MULTI-REFERENCE, HIGH-
(KR10-2001-7005997)		(11/12/1999)	ACCURACY SWITCHING
		,	AMPLIFIER
			LARRY KIRN
MXPA01004786	MX	11/12/1999	MULTI-REFERENCE, HIGH-
			ACCURACY SWITCHING
			AMPLIFIER.
			LARRY KIRN
DE69935731	DE	4/4/2007	MULTI-REFERENCE, HIGH-
(DE69935731)		(11/12/1999)	ACCURACY SWITCHING
			AMPLIFIER
			LARRY KIRN
EP1131886	GB	4/4/2007	MULTI-REFERENCE, HIGH-
(GB99964977.5)		(11/12/1999)	ACCURACY SWITCHING
			AMPLIFIER
			LARRY KIRN
EP1131886	FR	4/4/2007	MULTI-REFERENCE, HIGH-
(FR99964977.5)		(11/12/1999)	ACCURACY SWITCHING
			AMPLIFIER
			LARRY KIRN
6,535,058	US	3/18/2003	MULTI-REFERENCE, HIGH-
(09/831,595)		(5/11/2001)	ACCURACY SWITCHING
i			AMPLIFIER
		ļ	
			LARRY KIRN

PATENT OR APPLICATION NO.	COUNTRY	FILING DATE	TITLE OF PATENT AND FIRST
·	7.10		NAMED INVENTOR(S)
6,768,375	US	7/27/2004	MULTI-REFERENCE HIGH
(10/356,883)		(2/3/2003)	ACCURACY SWITCHING
			AMPLIFIER EXPANSION
			LARRY KIRN
6,538,504	US	3/25/2003	SWITCHING AMPLIFIER
(09/980,837)		(11/15/2001)	CROSSOVER DISTORTION
			REDUCTION TECHNIQUE
	_		LARRY KIRN
6,538,505	US	3/25/2003	DISTORTION REDUCTION
(09/980,966)		(11/15/2001)	TECHNIQUE FOR INDUCTIVE
			BOOST AMPLIFIER
			LARRY KIRN
6,563,378	US	5/13/2003	DIGITAL AMPLIFIER
(09/980,662)		(11/15/2001)	LINEARIZATION USING ANALOG
			FEEDBACK
			LARRY KIRN
6,643,147	US	11/4/2003	MODULATION TECHNIQUE FOR
(10/167,380)		(6/11/2002)	FLYBACK CONVERTER
			LARRY KIRN
6,744,311	US	6/1/2004	SWITCHING AMPLIFIER WITH
(10/128,049)		(4/23/2002)	VOLTAGE-MULTIPLYING OUTPUT
		(STAGE
			LARRY KIRN
6,771,120	US	8/3/2004	REFERENCE GENERATION
(09/929,310)		(8/14/2001)	TECHNIQUE FOR MULTIPLE-
(021723,810)		(0,1 1,2001)	REFERENCE AMPLIFIER
			LARRY KIRN
6,778,012	US	8/17/2004	POLYPHASE IMPEDANCE
(10/435,851)		(5/12/2003)	TRANSFORMATION AMPLIFIER
			LARRY KIRN
CN03816260.1	CN	5/13/2003	POLYPHASE IMPEDANCE
			TRANSFORMATION AMPLIFIER
			LARRY KIRN
JP2004-504376	JP	5/13/2003	POLYPHASE IMPEDANCE
			TRANSFORMATION AMPLIFIER
			LARRY KIRN

PATENT OR	COUNTRY	FILING	TITLE OF PATENT AND FIRST
APPLICATION NO.		DATE	NAMED INVENTOR(S)
KR1020047018372	KR	5/13/2003	POLYPHASE IMPEDANCE
			TRANSFORMATION AMPLIFIER
			LARRY KIRN
7,196,575	US	3/27/2007	POLYPHASE IMPEDANCE
(10/514,306)		(11/12/2004)	TRANSFORMATION AMPLIFIER
	}		
			LARRY KIRN
6,781,453	US	8/24/2004	METHOD OF DETECTING LOAD
(10/128,047)		(4/23/2002)	IMPEDANCE FOR INDUCTIVE
	1		BOOST AMPLIFIER
****			LARRY KIRN
6,937,090	US	8/30/2005	CHARGE INJECTION REDUCTION
(09/941,187)		(8/28/2001)	TECHNIQUE IN SINGLE AND
			MULTI-REFERENCE SWITCHING
			AMPLIFIERS
(000 (5)			LARRY KIRN
6,989,656	US	1/24/2006	FLYBACK CONVERTER
(10/437,318)		(5/13/2003)	LINEARIZATION METHODS AND
			APPARATUS
			T i D D T I II I I I I I I I I I I I I I I
Z 000 657	TIC	1/04/0007	LARRY KIRN
6,989,657	US	1/24/2006	METHOD OF DETECTING
(10/769,952)		(2/2/2004)	SWITCHING POWER SUPPLY
			OUTPUT CURRENT
			LARRY KIRN
CN20048000573.0	CN	2/3/2004	IMPROVED METHOD OF
C1120070000575.0	Cit	2/3/2004	DETECTING SWITCHING POWER
			SUPPLY OUTPUT CURRENT
			BOTTET COTT CORREST
			LARRY KIRN
JP2006-503294	JP	2/3/2004	IMPROVED METHOD OF
			DETECTING SWITCHING POWER
			SUPPLY OUTPUT CURRENT
			Join Don of Coldent
			LARRY KIRN
KR10-2005-7014294	KR	2/3/2004	IMPROVED METHOD OF
		,	DETECTING SWITCHING POWER
			SUPPLY OUTPUT CURRENT
			LARRY KIRN
	·		

PATENT OR	COUNTRY	FILING	TITLE OF PATENT AND FIRST
APPLICATION NO.	ļ	DATE	NAMED INVENTOR(S)
EP04707758.1	EP	2/3/2004	IMPROVED METHOD OF
			DETECTING SWITCHING POWER
			SUPPLY OUTPUT CURRENT
			LARRY KIRN
7,116,162	US	10/3/2006	REDUCED OUTPUT TOPOLOGY
(10/649,035)		(8/27/2003)	FOR MULTI-REFERENCE
			SWITCHING AMPLIFIERS
			LARRY KIRN
7,005,917	US	2/28/2006	POWER SUPPLY REJECTION
(10/405,821)		(4/2/2003)	TECHNIQUE FOR SWITCHING
, ,		`	AMPLIFIER
			LARRY KIRN
7,132,886	US	11/7/2006	DETECTING LOAD CURRENT IN
(10/916,037)		(8/11/2004)	MULTI-REFERENCE AMPLIFIERS
			LARRY KIRN
7,142,049	US	11/28/2006	MULTI-REFERENCE SWITCHING
(10/916,131)	US	(8/11/2004)	AMPLIFIER MODULATION
			METHOD AND APPARATUS
			LARRY KIRN
7,151,403	US	12/19/2006	ADAPTIVE SELF-CALIBRATION
(10/916,032)		(8/11/2004)	METHOD AND APPARATUS
<u> </u>			LARRY KIRN
7,157,964	US	1/2/2007	MULTI-OUTPUT SWITCHING
(10/916,038)		(8/11/2004)	AMPLIFIER
			LARRY KIRN
7,230,500	US	6/12/2007	SYNCHRONOUS DELAY-LINE
(11/168,810)		(6/28/2005)	AMPLIFICATION TECHNIQUE
			LARRY KIRN
5,610,553	US	3/11/1997	SWITCHING AMPLIFIER WITH
(08/513,780)		(8/31/1995)	IMPEDANCE TRANSFORMATION
			OUTPUT STAGE
			LARRY KIRN
6,492,868	US	12/10/2002	DYNAMIC RANGE
(09/929,335)		(8/14/2001)	ENHANCEMENT TECHNIQUE
			LARRY KIRN

PATENT OR	COUNTRY	FILING	TITLE OF PATENT AND FIRST
APPLICATION NO.		DATE	NAMED INVENTOR(S)
6,509,793	US	1/21/2003	SWITCHING AMPLIFIER
(09/862,760)		(5/21/2001)	RESOLUTION ENHANCEMENT
			APPARATUS AND METHODS
	<u> </u>		LARRY KIRN
JP2000-619095	JP	5/19/2000	LOAD COMPENSATION
			TECHNIQUE FOR REACTIVE
			IMPEDANCE TRANSFORMATION
			AMPLIFIER OUTPUT STAGE
			LARRY KIRN
EP00932638.0	EP	5/19/2000	LOAD COMPENSATION
			TECHNIQUE FOR REACTIVE
			IMPEDANCE TRANSFORMATION
			AMPLIFIER OUTPUT STAGE
			LARRY KIRN
6,636,113	US	10/21/2003	LOAD COMPENSATION
(09/980,983)	03	(11/15/2001)	TECHNIQUE FOR REACTIVE
(02/200,263)		(11/15/2001)	IMPEDANCE TRANSFORMATION
			AMPLIFIER OUTPUT STAGE
			This bir ibit oo it of stricts
			LARRY KIRN
10/916,128	US	8/11/2004	LOAD CURRENT SENSING
		:	TECHNIQUE
			LARRY KIRN
11/107,713	US	4/15/2005	TRICKLE-CHARGED AMPLIFIER
		i	
10/010 011	110	0/5/0004	LARRY KIRN
10/912,211	US	8/5/2004	ADAPTIVE PULSE WIDTH
			DISCRIMINATION USING AN
			ASYNCHRONOUS CLOCK
			LARRY KIRN
11/114,628	US	4/26/2005	SWITCHING CLASS A-B
			AMPLIFIER
			LARRY KIRN
11/106,290	US	4/14/2005	SELF-POWERED DIGITAL AUDIO
			DEVICES
			LADDYKIDY
11/100 242	TIC	4/10/2005	LARRY KIRN
11/108,243	US	4/18/2005	SAMPLED SYSTEM AGILITY
			TECHNIQUE
			LARRY KIRN
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PATENT OR APPLICATION NO.	COUNTRY	FILING DATE	TITLE OF PATENT AND FIRST NAMED INVENTOR(S)
11/483,053	US	7/7/2006	INTEGRATION IMPROVEMENT
			TECHNIQUE FOR SWITCHING
			AMPLIFIERS
			LARRY KIRN
10/649,218	US	8/26/2003	DATA DEMODULATION USING
			AN ASYNCHRONOUS CLOCK
	<u>.</u>		LARRY KIRN
11/344,358	US	1/31/2006	AUTOMATIC VOLUME LIMITER
			FOR PORTABLE AUDIO DEVICES
			LARRY KIRN
60/886,746	US	1/26/2007	AUTOMATIC AMPLIFIER
			EQUALIZATION TECHNIQUE AND
			APPARATUS
	T		LARRY KIRN
60/887,000	US	1/29/2007	AUDIO BASS ENHANCEMENT
			TECHNIQUE
			LARRY KIRN
60/887,173	US	1/30/2007	FILTER COMPENSATION
			TECHNIQUE FOR SWITCHING
			AMPLIFIERS
60/007.00		. (2.4 /2.4.2	LARRY KIRN
60/887,394	US	1/31/2007	EMI REDUCTION TECHNIQUE FOR
			SWITCHING AMPLIFIERS
			LARRY KIRN
60/887,662	US	2/1/2007	SAMPLING FREQUENCY
			REDUCTION TECHNIQUE FOR
			SWITCHING AMPLIFIERS
			LARRY KIRN
SG200406681-7	SG	5/13/2003	POLYPHASE IMPEDANCE
			TRANSFORMATION AMPLIFIER
			LARRY KIRN
SG200504920-0	SG	2/3/2004	IMPROVED METHOD OF
			DETECTING SWITCHING POWER
			SUPPLY OUTPUT CURRENT

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 R ———————————————————————————————————	lights is executed at Austin, Texas on
ASSIGNOR:	
JAM Technologies, Inc.	
By: Supre El Callers Name: Wallers Title: CFO (Signature MUST be notarized)	
STATE OF Texas) ss. COUNTY OF Travis)	
On <u>December 1,2007</u> , before me, <u>Donna J.</u> Public in and for said State, personally appeared <u>Jay</u> known to me (or proved to me on the basis of satisfactor name is subscribed to the within instrument and acknow same in his/her authorized capacity, and that by his/her person, or the entity upon behalf of which the person ac	ne Walters, personally ory evidence) to be the person whose wledged to me that he/she executed the signature on the instrument the
WITNESS my hand and official seal.	Donna J. Carter Notary Public State of Texas My Commission Expires APRIL 26, 2008
Signature Donna & Carter	(Seal)