			Ket No.: MNDSPD.0015P
FORM PTO-1595 (Modified) (Rev. 03-01)	09-10-2003	SHEET	U.S. DEPARTMENT OF COMMERCE
OMB No. 0651-0027 (exp.5/31/2002) P08/REV03		Y	Patent and Trademark Office
Tab settings → \$\$\sqrt{5}\$\$			▼ ▼
To the Honorable Director of the United S	102545501	office: Please record the at	tached original documents or copy thereof.
Name of conveying party(ies):	Page 17	2. Name and address of	of receiving party(ies):
Keith R. Jones, Gilberto Isaac Sada Tre Jonsson, and William W. Jones	gang kagnar H.	Name: Conexant Sy	stems. Inc.
SED			
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	5 2003	Internal Address:	
Additional names(s) of conveying party(i	es 🗵 No		
3. Nature of conveyance:	AUCE		
☑ Assignment □	Merger	Street Address: 431	1 Jamboree Road
☐ Security Agreement ☐	Change of Name		
☐ Other		City: Newport Beach	State: <u>CA</u> ZIP: <u>92660</u>
Execution Date: June 18, 2003 and June	20, 2003	Additional name(s) & add	Iress(es) attached? ☐ Yes ☒ No
		3	-1
4. Application number(s) or patent number	• •	the everyties date of th	a application is:
If this document is being filed together	with a new application,	the execution date of th	e application is:
A. Patent Application No.(s)		B. Patent No.(	s)
10/465,064			
	Additional numbers attach	ned? ☐ Yes ☒ No	
<ol><li>Name and address of party to whom c concerning document should be maile</li></ol>	-	6. Total number of app	lications and patents involved:
Name: Chad W. Miller		7. Total fee (37 CFR 3	41):\$ 40.00
Internal Address:		•	
			excess or insufficiency should be ed to deposit account
		☐ Authorized to be	charged to deposit account
Street Address: Weide & Miller, Ltd.		8. Deposit account nur	nber:
7251 West Lake Mead Blvd., Suite 53	0	502200	
City: Las Vegas State			3 <b>\$</b>
Oity State		ISE THIS SPACE	<del>_</del>
9. Statement and signature.			Ž.
To the best of my knowledge and belie	ef, the foregoing inf <mark>orm</mark> a	tion is true and correct a	and any attached copy is a tri copy
of the original document. Chad W. Miller	Ph	1:11/2	9/3/00
Name of Person Signing		Signature	Date
<b>-</b>	pages including cover sh	eet, attachments, and docu	10
	Mail documents to be recorded with a Mail Stop Assignment	equired cover sheet information to:	F

PATENT REEL: 014459 FRAME: 0130 PATENT -

Application No.: Unknown Filing Date: Herewith

## **ASSIGNMENT**

WHEREAS, We, Keith R. Jones, a citizen of the U.S.A., residing at 301 Stonecliffe Aisle, Irvine, CA 92612, Gilberto Isaac Sada Treviño, a citizen of Mexico, residing at 10 Thunder Run, Apt. 38D, Irvine, CA 92614, Ragnar H. Jonsson a citizen of Iceland, residing at Vidarrimi 52, IS-112 Reykjavik, Iceland, and William W. Jones, a citizen of the U.S.A., residing at 27662 Aliso Creek Road, #5201, Aliso Viejo, CA 92656, and, and have invented certain new and useful improvements in an SEQUENCE TIME DOMAIN REFLECTOMETRY USING COMPLEMENTARY GOLAY CODES for which the application is attached herewith;

AND WHEREAS, Conexant Systems, Inc. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 4311 Jamboree Road, Newport Beach, CA 92660, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) each to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I he	ereunto set my hand and seal this	18 day of June, 2003.	
	Keith R. Jones	letty	
STATE OF		•	
	ss.		
COUNTY OF			
Keith R. Jones personally known to me (name(s) is/are subscribed to the within it	nstrument, and acknowledged to	personally appropriate satisfactory evidence) to be the person(s) me that he executed the same in his author the entity upon behalf of which the personally appropriate satisfactory evidence) to be the personally appropriate satisfactory evidence to be the personal to be the person of	whose orized
WITNESS my hand and official se-	al.		
[SEAL]	Signature		

Application No.: Unknown Filing Date: Herewith	Docket: MNSPD.0015P
IN TESTIMONY WHEREOF, I hereunto set my l	nand and seal this B day of June, 2003.  Gilberto Isaac Sada Treviño
	Gilberto Isaac Sada Treviño
STATE OF	
COUNTY OF	SS.
Gilberto Isaac Sada Treviño	On, before me,
of satisfactory evidence) to be the person(s) whose name	ada Treviño personally known to me (or proved to me on the basis (s) is/are subscribed to the within instrument, and acknowledged to ies), and that by his signature(s) on the instrument the person(s), or ited the instrument.
WITNESS my hand and official seal.	
[SEAL]	Signature
IN TESTIMONY WHEREOF, I hereunto set my h	nand and seal this day of, 2003.
CTLATED OF	Ragnar H. Jonsson
STATE OF   ss. COUNTY OF	
me on the basis of satisfactory evidence) to be the perso	On, before me, peared Ragnar H. Jonsson personally known to me (or proved to n(s) whose name(s) is/are subscribed to the within instrument, and horized capacity(ies), and that by his signature(s) on the instrument on(s) acted, executed the instrument.
WITNESS my hand and official seal.	
[SEAL]	Signature

CWM-W-0215

PATENT.

2

**PATENT REEL: 014459 FRAME: 0132** 

Application No.: Unknown Filing Date: Herewith		Docket: MNSPD.0015P
IN TESTIMONY WHER	EOF, I hereunto set my hand and seal this	day of, 2003.
	William W. Jones	
STATE OF	1	
	ss.	
COUNTY OF		
name(s) is/are subscribed to the	within instrument, and acknowledged to	personally appeared f satisfactory evidence) to be the person(s) whose me that he executed the same in his authorized or the entity upon behalf of which the person(s)
WITNESS my hand and o	official seal.	
[SEAL]		
	Signature	

3

CWM-W-0215

**PATENT** 

PATENT

REEL: 014459 FRAME: 0133

**PATENT** 

Application No.: Unknown Filing Date: Herewith

rinig Date. Herewith

## ASSIGNMENT

WHEREAS, We, Keith R. Jones, a citizen of the U.S.A., residing at 301 Stonecliffe Aisle, Irvine, CA 92612, Gilberto Isaac Sada Treviño, a citizen of Mexico, residing at 10 Thunder Run, Apt. 38D, Irvine, CA 92614, Ragnar H. Jonsson a citizen of Iceland, residing at Vidarrimi 52, IS-112 Reykjavik, Iceland, and William W. Jones, a citizen of the U.S.A., residing at 27662 Aliso Creek Road, #5201, Aliso Viejo, CA 92656, and, and have invented certain new and useful improvements in an SEQUENCE TIME DOMAIN REFLECTOMETRY USING COMPLEMENTARY GOLAY CODES for which the application is attached herewith;

AND WHEREAS, Conexant Systems, Inc. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 4311 Jamboree Road, Newport Beach, CA 92660, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) each to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I h	ereunto set my hand and seal this da	y of, 2003.
	Keith R. Jones	
STATE OF		
	ss.	
COUNTY OF		
Keith R. Jones personally known to me name(s) is/are subscribed to the within i	instrument, and acknowledged to me that	personally appeared ctory evidence) to be the person(s) whose at he executed the same in his authorized entity upon behalf of which the person(s)
WITNESS my hand and official so	eal.	
[SEAL]	Signature	

1

PATENT REEL: 014459 FRAME: 0134

Application No.: Unknown Filing Date: Herewith			Docket: MNSPD.0015P
IN TESTIMONY WHEI	REOF, I hereunto se	my hand and seal this day o	of, 2003.
		Gilberto Isaac Sada T	reviño
STATE OF		ss.	
COUNTY OF		On	, before me,
Gilbert	o Isaac Sada Treviño	<del></del>	
of satisfactory evidence) to be t	he person(s) whose a his authorized capa	name(s) is/are subscribed to the vacity(ies), and that by his signature	within instrument, and acknowledged to re(s) on the instrument the person(s), or
WITNESS my hand and	official seal.		
[SEAL]		Signature	
IN TESTIMONY WHER	REOF, I hereunto set	my hand and seal this day o	of, 2003.
STATE OF	   ss.	Ragnar H. Jonsson	
COUNTY OF			
acknowledged to me that he exe	evidence) to be the pecuted the same in hi behalf of which the	person(s) whose name(s) is/are s	personally known to me (or proved to ubscribed to the within instrument, and nat by his signature(s) on the instrument strument.
[SEAL]			
[02.12]		Signature	

2

PATENT REEL: 014459 FRAME: 0135

**PATENT** 

# PATENT

Application No.: Unknown Filing Date: Herewith

Docket: MNSPD.0015P

STATE OF California
COUNTY OF DEANAE

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of form, 2003.

William W. Jones

SS.

On June 18,2003, before me, Robert C. Winder, Notary Public personally appeared William W. Jones personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(3) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature() on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

ROBERT C. WINDER Commission # 1295950 lotary Public - California 🕏 **Orange County** My Comm. Expires Mar 31, 2005

CWM-W-0215

3

#### **PATENT**

Application No.: Unknown Filing Date: Herewith

## ASSIGNMENT

WHEREAS, We, Keith R. Jones, a citizen of the U.S.A., residing at 301 Stonecliffe Aisle, Irvine, CA 92612, Gilberto Isaac Sada Treviño, a citizen of Mexico, residing at 10 Thunder Run, Apt. 38D, Irvine, CA 92614, Ragnar H. Jonsson a citizen of Iceland, residing at Vidarrimi 52, IS-112 Reykjavik, Iceland, and William W. Jones, a citizen of the U.S.A., residing at 27662 Aliso Creek Road, #5201, Aliso Viejo, CA 92656, and, and have invented certain new and useful improvements in an SEQUENCE TIME DOMAIN REFLECTOMETRY USING COMPLEMENTARY GOLAY CODES for which the application is attached herewith;

AND WHEREAS, Conexant Systems, Inc. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 4311 Jamboree Road, Newport Beach, CA 92660, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) each to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I	hereunto set my hand	d and seal this day of	, 2003.
	•		
	K	Keith R. Jones	
STATE OF	1 -		
	ss.		
COUNTY OF	1		
	I		
On	. before me.		personally appeared
Keith R. Jones personally known to me	(or proved to me or	n the basis of satisfactory e	widence) to be the person(s) whose
name(s) is/are subscribed to the within	instrument and ack	enouledged to me that he e	vacuted the same in his authorized
canacity(ies) and that by his signature	o) on the instrument	the managed to the that he e	xecuted the same in his authorized
capacity(ies), and that by his signature(	s) on the instrument	the person(s), or the entity	upon benaif of which the person(s)
acted, executed the instrument.			
WITNESS my hand and official:	seal.		
[SEAL]			
	$\overline{S}$	Signature	

PATENT REEL: 014459 FRAME: 0137

Application No.: Unknown Filing Date: Herewith		Docket: MNSPD.0015P
IN TESTIMONY WHEREOF, I here	eunto set my hand and seal this day of	, 2003.
	Gilberto Isaac Sada Treviño	
STATE OF	   ss.	
COUNTY OF	İ	
of satisfactory evidence) to be the person(s)	lberto Isaac Sada Treviño personally known to m ) whose name(s) is/are subscribed to the within in zed capacity(ies), and that by his signature(s) on the	strument, and acknowledged to
WITNESS my hand and official seal	l <b>.</b>	
[SEAL]	Signature	
IN TESTIMONY WHEREOF, I here	eunto set my hand and seal this 20 day of June Ragnar H Jourson	, 2003.
STATE OF	Ragnar H. Jonsson	
COUNTY OF   s	SS.	
	On personally appeared Ragnar H. Jonsson personal	before me, lly known to me (or proved to
acknowledged to me that he executed the sa	be the person(s) whose name(s) is/are subscribe ame in his authorized capacity(ies), and that by his which the person(s) acted, executed the instrument	s signature(s) on the instrument
WITNESS my hand and official seal	l <b>.</b>	
[SEAL]	Vilhjalmw Jor cal	(witness)
	Signature Om Jonne	m [witness]

CWM-W-0215

2

PATENT REEL: 014459 FRAME: 0138

Application No.: Unknown Filing Date: Herewith		Docket: MNSPD.0015P
IN TESTIMONY W	HEREOF, I hereunto set my hand	and seal this day of, 2003.
	William W. Jone	S
STATE OF		
	SS.	
COUNTY OF		
On William W. Jones personall name(s) is/are subscribed to	, before me, y known to me (or proved to me o the within instrument, and ackn	personally appeared n the basis of satisfactory evidence) to be the person(s) whose owledged to me that he executed the same in his authorized
capacity(ies), and that by his acted, executed the instrume	is signature(s) on the instrument the	ne person(s), or the entity upon behalf of which the person(s)
WITNESS my hand	and official seal.	
[SEAL]		
	Sig	gnature

CWM-W-0215

**RECORDED: 09/05/2003** 

**PATENT** 

3

**PATENT REEL: 014459 FRAME: 0139**