PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4608156

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
LBC CREDIT PARTNERS III, L.P.	09/21/2017

RECEIVING PARTY DATA

Name:	COACTIVE TECHNOLOGIES, LLC
Street Address:	15 RIVERDALE AVENUE
City:	NEWTOWN
State/Country:	MASSACHUSETTS
Postal Code:	02458

PROPERTY NUMBERS Total: 47

Property Type	Number
Patent Number:	8829378
Patent Number:	7074059
Patent Number:	7234970
Patent Number:	7442894
Patent Number:	7520780
Patent Number:	7780482
Patent Number:	7906739
Patent Number:	7982151
Patent Number:	7999199
Patent Number:	8030586
Patent Number:	8115120
Patent Number:	8115131
Patent Number:	8231399
Patent Number:	8334688
Patent Number:	8360796
Patent Number:	8466384
Patent Number:	8546708
Patent Number:	5807122
Patent Number:	5442150
Patent Number:	5527192

PATENT REEL: 043955 FRAME: 0502

504561445

Property Type	Number
Patent Number:	5612855
Patent Number:	5980323
Patent Number:	6008458
Patent Number:	6310428
Patent Number:	6323449
Patent Number:	6354881
Patent Number:	6446475
Patent Number:	6447338
Patent Number:	6459057
Patent Number:	6495783
Patent Number:	6786748
Patent Number:	6794589
Patent Number:	6857906
Patent Number:	6974924
Patent Number:	7196280
Patent Number:	7202429
Patent Number:	7235754
Patent Number:	7238906
Patent Number:	7297883
Patent Number:	7427724
Patent Number:	7528331
Patent Number:	7589607
Patent Number:	D479516
Application Number:	13198903
Application Number:	13292292
Application Number:	13381739
PCT Number:	US2012049535

CORRESPONDENCE DATA

Fax Number: (312)862-2200

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.

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Address Line 4: CHICAGO, ILLINOIS 60654

ATTORNEY DOCKET NUMBER: 38233-733-RFS

NAME OF SUBMITTER:	ROB SONESON							
SIGNATURE:	/rsoneson/							
DATE SIGNED:	09/22/2017							
Total Attachments: 16								
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source=9-21-2017 - Patent Release of I	Reel-Frame 034172-0591 - LBC-CoActive#page2.tif							

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RELEASE OF SECURITY INTERESTS IN PATENTS

THIS RELEASE OF SECURITY INTERESTS IN PATENTS ("Release") is made as of

this 21st day of September, 2017, by LBC Credit Partners III, L.P., a Delaware limited

partnership, as Agent ("LBC"), in favor of CoActive Technologies, LLC, a Delaware limited

liability company (the "Company").

Reference is made to that certain Payoff Letter dated as of September 21, 2017

between LBC and Company (the "Payoff Letter").

FOR GOOD AND VALUABLE CONSIDERATION, the receipt and adequacy of which

are hereby acknowledged, LBC hereby confirms the receipt of the Payoff Amount (as defined in

the Payoff Letter) and, consequently, releases all liens and security interests granted by Company

in favor of LBC in guarantee of any sum due in connection with the Credit Agreement (as such

term is defined under the Payoff Letter) including all liens and security interests granted under

the Patent Collateral (as such term is defined in the Patent Security Agreement (as such term is

defined below)) and notably those listed on Schedule A attached hereto pursuant to that certain

Patent Security Agreement, dated as of November 4, 2014 executed by Company in favor of

LBC (the "Patent Security Agreement") and recorded with the United States Patent and

Trademark Office on November 5, 2014 at Reel/Frame 034172/0591.

This Release and any claim, controversy, dispute or cause of action (whether in contract

or tort or otherwise) based upon, arising out of or relating to this Release and the transactions

contemplated hereby shall be governed by, and construed in accordance with, the laws of the

United States and the State of New York, without giving effect to any choice or conflict of law

provision or rule (whether of the State of New York or any other jurisdiction).

[Signature Page Follows]

6030.070

IN WITNESS WHEREOF, LBC has caused this Release to be executed by its authorized officer as of the date of this Release.

LBC CREDIT PARTNERS III, L.P., as Agent

David E. Fraimon

Title: Vice President

SCHEDULE A

Patent Properties

S	S	S	S	S	S	S	2	2	S	S	CH
SLIDING ELECTRICAL SWITCH	DEVICE FOR LATCHING A CONNECTOR DEVICE	ELECTRICAL SWITCH COMPRISING A FORCE TRANSMISSION ELEMENT FIXED BETWEEN A FILM AND A SNAP DISC	ELECTRICAL PUSHBUTTON SNAP SWITCH	ELECTRONIC SWITCH COMPRISING AN ELASTIC SHEET FOR HORIZONTALLY POSITIONING THE PUSHBUTTON	ELECTRICAL SWITCH WITH LATERAL OPERATION AND ASSEMBLY COMPRISING SUCH A SWITCH MOUNTED ON A PLATE	WINIAI URE ELECTRICAL CONNECTOR WITH EXTRACTABLE CONTACT ELEMENTS AND ASSOCIATED TOOL FOR UNLOCKING AND EXTRACTING THE CONTACTS	SWITCHING CHANNELS	VARIABLE RETURN FORCE	ARRANGEMENT FOR SURFACE MOUNTING AN ELECTRICAL COMPONENT BY SOLDERING, AND ELECTRICAL COMPONENT FOR SUCH AN ARRANGEMENT	FRAUD PREVENTING SECURITY ARRANGEMENT FOR AN ELECTRICAL CONNECTOR FOR CHIP CARDS	Y TITLE ELECTRICAL PUSHBUTTON SNAP SWITCH
201110027170.5	20100254605.5	20100254595.5	200910164428.9	200810091652.5	200810179690.6	2008101/5149.8	200810134155.9	200810083241.1	200710196060.5	200710164679.8	Appl. No. 08161739.1
26-Jan-11	0811/10	11-Aug-10	3-Aug-09	11-Apr-08	5-Dec-08	30-Oct-08	23-Jul-08	4-Mar-08	30-Nov-07	30-Nov-07	File Date 4-Aug-08
CN102142334A	CN10197235	CN101996805A	101645358	CN101286423A	CN101452775A	101442164A	CN101354975A	CN101295594	CN101203090	CN101276976A	Publication No. 2151839
3-Aug-11	30-Mar-11	30-Mar-11	10-Feb-10	15-0ct-08	10-Jun-09	27-May-09	28-Jan-09	29-Oct-08	18-Jun-08	1-Oct-08	Pub Date 10-Feb-10
N/A	N/A	N/A	N/A	N/A	ZL200810179690	ZL2008101/5149	ZL200810134155	ZL200810083241	ZL200710196060	ZL200710164679	Pat No. 2151839
N/A	N/A	N/A	N/A	N/A	6-Mar-13	10-Apr-13	23-Jan-13	4-Jul-12	20-Jul-11	4-Jul-12	Issue Date 11-May- 11
Pending	Pending	Pending	Pending	Pending	Granted	Granted	Granted	Granted	Granted	Granted	Status Granted
CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	Owner CoActive Technologies, LLC

Schedule A

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ELECTRICAL PUSHBUTTON SNAP SWITCH	SWITCHING CHANNELS	ELECTRONIC SWITCH COMPRISING AN ELASTIC SHEET FOR HORIZONTALLY POSITIONING THE PUSHBUTTON	ARRANGEMENT FOR SURFACE MOUNTING AN ELECTRICAL COMPONENT BY SOLDERING, AND ELECTRICAL COMPONENT FOR SUCH AN ARRANGEMENT	NORMALLY CLOSED TYPE	ELECTRICAL CONNECTOR FOR A CHIP CARD, INCLUDING FRAUD PROTECTION MEANS	SOLDERLESS ONE LINE CONNECTOR	ELECTRICAL SWITCH WITH LATERAL OPERATION AND ASSEMBLY COMPRISING SUCH A SWITCH MOUNTED ON A PLATE	VERBINDER ZUM TYP MIT ÜBERGANG DER KONTAKTE ZUM ANSCHLUSS EINER KARTE MIT MIKROSCHALTUNGEN	MINIATURE ELECTRICAL CONNECTOR WITH EXTRACTABLE CONTACT ELEMENTS	DEVICE FOR LATCHING A CONNECTOR DEVICE AND ASSOCIATED TOOL	CONTROL DEVICE COMPRISING A MOVEABLE UPPER PANEL AND ARMS FOR ACTUATING A SWITCH	THIN ELECTRICAL SWITCH	TITLE ELECTRICAL SWITCH WITH A TACTILE EFFECT AND DUAL ACTION
08161739.1	08160584.2	08154129.4	07121845.7	05717152.2	5108002.6	3101843.5	08170432.2	98 924 412.4	08167685.0	200880023651.5	21080028924.2	201110349173.0	Appl. No. 201110052000.2
4-Aug-08	17-Jul-08	7-Apr-08	29-Nov-07	29-Mar- 05	1-Sep-05	23-Jun-03	2-Dec-08		28-Oct-08	14-May- 08	1-Jul-10	8-Nov-11	File Date 4-Mar-11
2151839	2019403	1983534	1928008	602005003115	1653390	1394903	2068334		2056411	CN10168972	CN102473039A	N/A	Publication No. CN102194593A
10-Feb-10	28-Jan-09	22-Oct-08	4-Jun-08	13-Dec-07	3-May-06	3-Mar-04	10-Jun-09		6-May-09	31-Mar-10	23-May-12	N/A	Pub Date 21-Sep-11
2151839	2019403	1983534	1928008	1733404	1653390	1394903	269334	0 981 798	EP2056411	ZL20080023651.5	N/A	N/A	Pat No. N/A
11-May- 11	15-Sep-10	31-Aug-11	24-Feb-10	31-0ct-07	4-May-11	31-Aug-05	6-Jun-12		8-Dec-10	23-Jan-13	N/A	N/A	Issue Date N/A
Granted	Granted	Granted	Granted	Granted	Granted	Granted	Granted	Granted	Granted	Granted	Pending	Pending	Status Pending
CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	Owner CoActive Technologies, LLC

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ed.	Granted	20-Aug-08	1632881	8-Mar-06	1632881	1-Sep-05	5108024	CONNECTION ASSEMBLY FOR A CHIP CARD, INCLUDING FRAUD PROTECTION MEANS	ĘP
ed.	Granted	1-Apr-09	1631976	23-Dec-04	1631976	11-Jun-04	4741785.2	DRUM-TYPE CONTROL DEVICE HAVING MULTIPLE SWITCHING WAYS AND ELECTRONIC APPLIANCE EQUIPPED WITH SUCH DEVICES	ĘP
ted CoActive Technologies, LLC	Granted	6-Jun-12	269334	10-Jun-09	2068334	2-Dec-08	08170432.2	ELECTRICAL SWITCH WITH LATERAL OPERATION AND ASSEMBLY COMPRISING SUCH A SWITCH MOUNTED ON A PLATE	Ą
ing CoActive Technologies, LLC	Pending	N/A	N/A	10-Aug-11	2355119	18-Jan-11	11151207.5	SLIDING ELECTRICAL SWITCH	ĘP
ing CoActive Technologies, LLC	Pending	N/A	N/A	16-Feb-11	EP2284959	11-Aug-09	09167621.3	DEVICE FOR LATCHING A CONNECTOR DEVICE	m m
ing CoActive Technologies, LLC	Pending	N/A	N/A	16-Feb-11	EP2284853	11-Aug-09	09167595.9	ELECTRICAL SWITCH COMPRISING A FORCE TRANSMISSION ELEMENT FIXED BETWEEN A FILM AND A SNAP DISC	ĘP
red CoActive Technologies, LLC	Granted	8-Dec-10	EP2056411	6-May-09	2056411	28-Oct-08	08167685.0	MINIATURE ELECTRICAL CONNECTOR WITH EXTRACTABLE CONTACT ELEMENTS	ΕĐ
red CoActive Technologies, LLC	Granted	17-Jun-09	602007001331.3	4-Jun-08	1927931	29-Nov-07	07121840.8	FRAUD PREVENTING SECURITY ARRANGEMENT FOR AN ELECTRICAL CONNECTOR FOR CHIP CARDS	DE
ed CoActive Technologies, LLC	Granted	22-Sep-10	20080026140	10-Sep-08	1968086	4-Mar-08	08102247.7	ELECTRICAL SWITCH HAVING A VARIABLE RETURN FORCE	DE
ed CoActive Technologies, LLC	Granted	12-Jan-11	2008004524.2-08	17-Mar-10	2162955	14-May- 08	08759583.1	DEVICE FOR LATCHING A CONNECTOR DEVICE AND ASSOCIATED TOOL	DE
	Granted	20-Aug-08	2005009089.4	2-Oct-08	602005009089	1-Sep-05	5108024	CONNECTION ASSEMBLY FOR A CHIP CARD, INCLUDING FRAUD PROTECTION MEANS	DE
ed CoActive Technologies, LLC	Granted	31-Mar- 10	2004026331.1	12-May-10	602004026331	14-Sep-04	4769361.9	THIN CONTACTOR	DE
ed CoActive Technologies, LLC	Granted	9-0ct-13	2450928	9-Mar-12	2450398	3-Nov-11	11187618.1	THIN ELECTRICAL SWITCH	DE
	Granted	15-May- 13	2449448	9-Mar-12	2449448	21-Jul-10	10732683.7	CONTROL DEVICE COMPRISING A MOVEABLE UPPER PANEL AND ARMS FOR ACTUATING A SWITCH	DE
	Granted	19-Sep-12	2362872	7-Sep-11	2363872	1-Mar-11	11156439.9	ELECTRICAL SWITCH WITH A TACTILE EFFECT AND DUAL ACTION	DE
s Owner	Status	Issue Date	Pat No.	Pub Date	Publication No.	File Date	Appl. No.		Country

	CONTROL DEVICE COMPRISING A MOVEABLE UPPER PANEL AND ARMS FOR ACTUATING A SWITCH THIN ELECTRICAL SWITCH DEVICE FOR LATCHING A CONNECTOR DEVICE AND ASSOCIATED TOOL ELECTRICAL SWITCH MULTIPLE SWITCHING CHANNELS MINIATURE ELECTRICAL CONNECTOR WITH EXTRACTABLE CONTACT ELEMENTS	ELECTRICAL SWITCH WITH A TACTILE EFFECT AND DUAL ACTION ARMS SWITCH WITH A TACTILE EFFECT AND DUAL ACTION CONTROL DEVICE COMPRISING A MOVEABLE UPPER PANEL AND ARMS FOR ACTUATING A SWITCH THIN ELECTRICAL SWITCH DEVICE FOR LATCHING A CONNECTOR DEVICE AND ASSOCIATED TOOL ELECTRICAL SWITCH WITH MULTIPLE SWITCHING CHANNELS MINIATURE ELECTRICAL CONNECTOR WITH EXTRACTABLE CONTACT ELEMENTS	ARRANGEMENT FOR SURFACE MOUNTING AN ELECTRICAL COMPONENT BY SOLDERING, AND ELECTRICAL COMPONENT FOR SUCH AN ARRANGEMENT ELECTRICAL SWITCH HAVING A VARIABLE RETURN FORCE ELECTRICAL SWITCH COMPRISING AN ELASTIC SHEET FOR HORIZONTALLY POSITIONING THE PUSHBUTTON ELECTRICAL PUSHBUTTON SNAP SWITCH ELECTRICAL SWITCH WITH A TACTILE EFFECT AND DUAL ACTION CONTROL DEVICE COMPRISING A MOVEABLE UPPER PANEL AND ARMS FOR ACTUATING A SWITCH THIN ELECTRICAL SWITCH DEVICE FOR LATCHING A CONNECTOR DEVICE AND ASSOCIATED TOOL ELECTRICAL SWITCH WITH MULTIPLE SWITCHING CHANNELS MINIATURE ELECTRICAL CONNECTOR WITH EXTRACTABLE CONTACT ELEMENTS
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2	21-Jul-10 3-Nov-11 14-May- 08 17-Jul-08 28-Oct-08	4-Aug-08 1-Mar-11 21-Jul-10 3-Nov-11 3-Nov-11 14-May- 08 17-Jul-08 28-Oct-08	29-Nov-07 4-Mar-08 7-Apr-08 4-Aug-08 1-Mar-11 21-Jul-10 3-Nov-11 14-May- 08 17-Jul-08 28-Oct-08
	2449448 2450398 2162955 2019403 2056411	2151839 2363872 2449448 2450398 2162955 2162955 2019403	1928008 1968086 1983534 1983534 2151839 2363872 2363872 2449448 2450398 2162955 2162955 2019403
6-May-09	9-Mar-12 9-Mar-12 17-Mar-10 28-Jan-09	10-Feb-10 7-Sep-11 9-Mar-12 9-Mar-12 17-Mar-10 28-Jan-09	4-Jun-08 10-Sep-08 22-Oct-08 10-Feb-10 7-Sep-11 9-Mar-12 9-Mar-12 17-Mar-10 28-Jan-09
EP2056411	2449448 2450928 2008004524.2-08	2151839 2362872 2362872 2449448 2450928 2008004524.2-08	1928008 1968086 1983534 1983534 2151839 2362872 2362872 2449448 2450928 2008004524.2-08
15-Sep-10 8-Dec-10	15-May- 13 9-Oct-13 12-Jan-11	11-May- 11 19-Sep-12 15-May- 13 9-Oct-13	24-Feb-10 22-Sep-10 31-Aug-11 11-May- 11 19-Sep-12 15-May- 13 9-Oct-13
Granted Granted	Granted Granted	Granted Granted Granted Granted Granted	Granted Granted Granted Granted Granted Granted Granted
Technologies, LLC CoActive Technologies, LLC CoActive Technologies, LLC	CoActive Technologies, LLC CoActive Technologies, LLC CoActive	Coactive Technologies, LLC Coactive Coactive	CoActive Technologies, LLC CoActive

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ELECTRICAL CONNECTOR FOR A CHIP CARD, INCLUDING FRAUD PROTECTION MEANS	CONNECTION ASSEMBLY FOR A CHIP CARD, INCLUDING FRAUD PROTECTION MEANS		DOUBLE ACTION ELECTRICAL SWITCH WITH A TACTILE EFFECT	ELECTRICAL SWITCH WITH A TACTILE EFFECT AND DUAL ACTION	SLIDING ELECTRICAL SWITCH	CONTROL DEVICE COMPRISING A MOVEABLE UPPER PANEL AND ARMS FOR ACTUATING A SWITCH	SELECTIVE PLATING PROCESS OF PRECIOUS METAL ON A SUPPORT BY ULTRASONIC REMOVAL OF A MASK ELEMENT AND DEVICE	DEVICE FOR CONTROLLING AN ELECTRONIC APPARATUS	SAFETY ARRANGEMENT FOR PROTECTING ELECTRICAL CONNECTOR, HAS CONDUCTING ELEMENT CONNECTED TO DETECTION CIRCUIT SUCH THAT ATTEMPT OF DRILLING ELEMENT USING DRILLING PART, TO ATTAIN CONTACT STRIPS, CAUSES STATE CHANGE IN DETECTION CIRCUIT	ELECTRICAL SWITCH WITH LATERAL OPERATION AND ASSEMBLY COMPRISING SUCH A SWITCH MOUNTED ON A PLATE	CONTROL DEVICE COMPRISING A MOVABLE UPPER PANEL FOR ACTUATING A SWITCH
5108002.6	05108024.0	01110170.6	1054617	1051554	1050552	0954492	0853892	0755650	0552493	08170432.2	Appl. No. 1253129
1-Sep-05	1-Sep-05	7-May-01	11-Jun-10	4-Mar-10	28-Jan-10	1-Jul-09	12-Jun-08	11-Jun-07	11-Aug-05	2-Dec-08	4-Apr-12
1653390	1632881	N/A	2961340	2957187	2955696	2947645	2932497	2917230	2889756	2068334	Publication No. N/A
3-May-06	8-Mar-06	N/A	16-Dec-11	9-Sep-11	29-Jul-11	7-Jan-11	18-Dec-09	12-Dec-08	16-Feb-07	10-Jun-09	Pub Date N/A
1653390	1632881	1,164,607	1054617	1051554	1050552	954492	853892	0755650	0552493	269334	Pat No. N/A
4-May-11	20-Oct-06	28-Jul-04	28-Jun-13	26-Jun-12	13-Jan-12	11-Jun-11	11-Mar- 11	23-Oct-09	12-0ct-07	6-Jun-12	N/A
Granted	Granted	Granted	Granted	Granted	Pending	Granted	Granted	Granted	Granted	Granted	Status Pending
CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	Owner CoActive Technologies, LLC

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37	CONNECTION ASSEMBLY FOR A CHIP CARD, INCLUDING FRAUD PROTECTION	FOR ACTUATING A SWITCH	MOVEABLE UPPER PANEL AND ARMS	CONTROL DEVICE COMPRISING A	SWITCH	ELECTRICAL PUSHBUTTON SNAP	DEVICE AND ASSOCIATED TOOL	DEVICE FOR LATCHING A CONNECTOR	CONNECTOR	FRAUD PROTECTION FOR SMART CARD	ELECTRONIC APPARATUS	DBUN CONTROL DEVICE FOR AN	THIN ELECTRICAL SWITCH	FOR ACTUATING A SWITCH	CONTROL DEVICE COMPRISING A	EFFECT AND DUAL ACTION	ELECTRICAL SWITCH WITH A TACTILE	SWITCH	SWITCHING CHANNELS	ELECTRICAL SWITCH WITH MULTIPLE	POSITIONING THE PUSHBUTTON	ELASTIC SHEET FOR HORIZONTALLY	ELECTRONIC SWITCH COMPRISING AN	VARIABLE RETURN FORCE	ELECTRICAL SWITCH HAVING A	AN ARRANGEMENT	COMPONENT BY SOLDERING, AND	MOUNTING AN ELECTRICAL	ARRANGEMENT FOR SURFACE	CONNECTOR FOR CHIP CARDS	
	5108024			10732683.7		08161739.1		08759583.1		451974	21243	212/12	11187618.1		10732683.7		11156439.9	08101/39.1	201717201	08160584.2			08154129.4		08102247.7				07121845.7		
	7-Sep-04			21-Jul-10		4-Aug-08	08	14-May-		7-Sep-04	24-001-03	34 02 03	3-Nov-11		21-Jul-10		1-Mar-11	4-Aug-08		17-Jul-08			7-Apr-08	-	4-Mar-08		-		29-Nov-07		_
	2875037			2449448		2151839		2162955		2875036	2801430	3061405	2450398		2449448		2363872	2131839	2	2019403			1983534		1968086				1928008		
	10-Mar-06		Parlah	9-Mar-12		10-Feb-10		17-Mar-10		10-Mar-06	23-Apr-03	20 05 05	9-Mar-12		9-Mar-12		7-Sep-11	OT-da-10T		28-Jan-09			22-Oct-08		10-Sep-08				4-Jun-08		-
	2875037			2449448		2151839		2008004524.2-08		2875036	2001455	2061406	2450928		2449448		2362872	6581017		2019403			1983534		1968086				1928008		
	20-Oct-06		13	15-May-	11	11-May-		1/12/2011		20-Oct-06	73-JUI-00	73 1 06	9-0ct-13	133	15-May-		19-Sep-12	11-Way-		15-Sep-10		i	31-Aug-11		22-Sep-10				24-Feb-10		
	Granted			Granted		Granted		Granted		Granted	Claited	Control	Granted		Granted		Granted	Granted	,	Granted			Granted		Granted				Granted		_
	CoActive Technologies, LLC		Technologies, LLC	CoActive	Technologies, LLC	CoActive	Technologies, LLC	CoActive	Technologies, LLC	CoActive	Technologies, LLC	rechnologies, LLC	CoActive	lechnologies, LLC	CoActive	Technologies, LLC	CoActive	Technologies, LLC	reciniologies, LLC	CoActive		Technologies, LLC	CoActive	Technologies, LLC	CoActive			Technologies, LLC	CoActive		l echnologies, LLC

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ELECTRICAL SWITCH WITH A TACTILE EFFECT AND DUAL ACTION	THIN ELECTRICAL SWITCH	CONTROL DEVICE COMPRISING A MOVEABLE UPPER PANEL AND ARMS FOR ACTUATING A SWITCH	ELECTRICAL SWITCH WITH LATERAL OPERATION AND ASSEMBLY COMPRISING SUCH A SWITCH MOUNTED ON A PLATE	SLIDING ELECTRICAL SWITCH	FRAUD PREVENTING SECURITY ARRANGEMENT FOR AN ELECTRICAL CONNECTOR FOR CHIP CARDS	MINIATURE ELECTRICAL CONNECTOR WITH EXTRACTABLE CONTACT ELEMENTS AND ASSOCIATED TOOL FOR UNLOCKING AND EXTRACTING THE CONTACTS	ARRANGEMENT FOR SURFACE MOUNTING AN ELECTRICAL COMPONENT BY SOLDERING, AND ELECTRICAL COMPONENT FOR SUCH AN ARRANGEMENT	DEVICE FOR LATCHING A CONNECTOR DEVICE AND ASSOCIATED TOOL	ELECTRICAL SWITCH COMPRISING A PUSHBUTTON FIXED BETWEEN A FILM AND A CONTACTOR	DEVICE FOR LATCHING A CONNECTOR DEVICE	SWITCHING CHANNELS	CONTROL DEVICE COMPRISING A MOVEABLE UPPER PANEL AND ARMS FOR ACTUATING A SWITCH
5023/MUM/2011	2886/MUM/2011	2572/MUMNP/201 1	2412/MUM/2008	24/MUM/2011	2312/MUM/2007	2227/MUM/2008	2219/MUM/2007	2169/MUMNP/200 9	2165MUM/2011	2163MUM/2010	1406/MUM/2008	10732683.7
23-Feb-11	24-Oct-11	1-Jul-10	14-Nov-08	4-Jan-11	23-Nov-07	16-Oct-08	20-Nov-07	14-May- 08	11-Aug-10	29-Jul-10	4-Jul-08	21-Jul-10
N/A	N/A	N/A	2412/MUM/2008	N/A	2312/MUM/2007	N/A	2291/MUM/2007	N/A	N/A	N/A	N/A	2449448
N/A	N/A	N/A	19-Jun-09	N/A	5-Jun-09	N/A	5-Jun-09	N/A	N/A	N/A	N/A	9-Mar-12
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2449448
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	15-May- 13
Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Granted
CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC

Country	TITLE TITLE	Appl. No.	File Date	Publication No.	Pub Date	Pat No.	Issue Date		-
Z	ELECTRONIC SWITCH COMPRISING AN ELASTIC SHEET FOR HORIZONTALLY POSITIONING THE PUSHBUTTON	774/MUM/2008	2-Apr-08	N/A	N/A	z	N/A	/A N/A	
П	ELECTRICAL CONNECTOR FOR A SMART CARD	98201350	27-Apr-98	860792	26-Aug-98	860792	792	792 24-Nov-04	· · · · · · · · · · · · · · · · · · ·
Г	ELECTRICAL PUSHBUTTON SNAP	08161739.1	4-Aug-08	2151839	10-Feb-10	215	2151839	11-May- 11	
PCT	HOLIMS NOLLUBHSINA	PCT/US2012/ 049535	5-Aug-11	N/A	A/N	_	N/A	N/A N/A	
SU	HOLIMS NOLLUBHSIN	13/198,903	11-Aug-10	2013-0032457	7-Feb-13		N/A	N/A N/A	
S	THIN ELECTRICAL SWITCH	13/292,292	9-Nov-11	2012-0111712	10-May-13		N/A	N/A N/A	
Sn	CONTROL DEVICE COMPRISING A MOVEABLE UPPER PANEL AND ARMS FOR ACTUATING A SWITCH	13/381,739	1-Jan-12	2012-0103773	3-May-13		N/A	N/A N/A	
S	CONTROL DEVICE COMPRISING A MOVABLE UPPER PANEL FOR ACTUATING A SWITCHING BREAKER	13/857,498	5-Apr-13	2013-0264181	10-0ct-13	00	8,829,378	1,829,378 9-Sep-14	
SN	FRAUD PROTECTION FOR SMART CARD CONNECTOR	11/219,614	2-Sep-05	2006-0073736	6-Apr-06	7.	7,074,059	,074,059 11-Jul-06	
SN	SMART CARD CONNECTOR WITH FRAUD PROTECTION	11/219,613	2-Sep-05	2006-0073735	6-Apr-06	7	7,234,970	,234,970 26-Jun-07	
Sn	ELECTRICAL SWITCH HAVING A VARIABLE RETURN FORCE	12/042,858	5-Mar-08	2008-0217155	11-Sep-08		7,442,894	7,442,894 28-Oct-08	
US	FRAUD PREVENTING SECURITY ARRANGEMENT FOR AN ELECTRICAL CONNECTOR FOR CHIP CARDS	11/949,456	3-Dec-07	2008/0132119	5-Jun-08	- 1	7,520,780	7,520,780 21-Apr-09	
SN	MINIATURE ELECTRICAL CONNECTOR WITH EXTRACTABLE CONTACT ELEMENTS AND ASSOCIATED TOOL FOR UNLOCKING AND EXTRACTING THE CONTACTS	12/262,708	31-0ct-08	2009-0111335	30-Apr-09		7,780,482	7,780,482 24-Aug-10	
Sn	ARRANGEMENT FOR SURFACE MOUNTING AN ELECTRICAL COMPONENT BY SOLDERING, AND ELECTRICAL COMPONENT FOR SUCH AN ARRANGEMENT	11/948,507	30-Nov-07	2008-0128255	5-Jun-08		7,906,739	7,906,739 15-Mar- 11	

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S	2	S	2		CN	2	2			S	Sn		SN	SO		SU	S		SN		S	S	5		SO	Country
MULTIPLE SWITCH WAYS	MINIATURIZED ELECTRIC SWITCH	NORMALLY CLOSED TYPE	TACTILE FEEDBACK	FOR THE CONNECTION OF A SMART CARD	ONE-PIECE ELECTRICAL CONNECTOR	THIN CONTACTOR	WITH A TACTILE EFFECT	CIRCUIT BOARD	ADAPTER FOR MOUNTING ON A	ELECTRICAL SWITCH WITH A TACTILE	SLIDING ELECTRICAL SWITCH	DEVICE AND ASSOCIATED TOOL	DEVICE FOR LATCHING A CONNECTOR	DUAL OUPTUT HALL DEVICE	DEVICE	DEVICE FOR LATCHING A CONNECTOR	SWITCH SWITCH	SWITCHING CHANNELS	ELECTRICAL SWITCH WITH MULTIPLE	POSITIONING THE PUSHBUTTON	ELECTRONIC SWITCH COMPRISING AN	MULTIPLE SWITCH WAYS	MOUNTED ON A PLATE	COMPRISING SUCH A SWITCH	OPERATION AND ASSEMBLY	ППЕ
200710096065.0	200610106256.6	200580008716.5	200580030359		00800709.8	200480026971.8	200480037271.9	Col. Colabo	08/796 195	13/040,581	13/016,625		12/602,251	12/466,136		12/854,609	12/535,401		12/179,372		12/101,556	11//84,/88	11/70/ 700		12/329,962	Appl. No.
10-Apr-07	7-Jul-06	29-Mar- 05	6-Sep-05		2-May-00	14-Sep-04	13-Dec-04		7-Feh-97	4-Mar-11	28-Jan-11		30-Nov-09	14-May- 09		11-Aug-10	4-Aug-09		24-Jul-08		11-Apr-08	TO-Api-O7	70 224 05		8-Dec-08	File Date
CN101055809	CN1909131	CN1934666	101031865		CN1302416A	1853250A	CN1894761A			2011-0214969	2011-0180378		2010-0323548	2010-0289484		2011-0039440	2010-0025205		2009-0095611		2008-0251369	2007-0236463	כשאשבנה דחחר		2009-0145736	Publication No.
10/17/2007	7-Feb-07	21-Mar-07	5-Sep-07		4-Jul-01	25-Oct-06	10-Jan-07			8-Sep-11	28-Jul-11		23-Dec-10	18-Nov-10		17-Feb-11	4-Feb-10		16-Apr-09		16-Oct-08	/002/11/01	TOOC! 11/01		11-Jun-09	Pub Date
ZL200710096065	ZL200610106256	ZL20058008716445	ZL200580030359		ZL00800709.8	CN100583335	CN100583334	2,000,122	5 807 122	8,546,708	8,466,384		8,360,796	8,334,688		8,231,399	8,115,131		8,115,120		8,030,586	661,666'	7 000 100		7,982,151	Pat No.
13-Sep-11	12-May- 10	24-Feb-10	19-Aug-11	06	22-Mar-	20-Jan-10	20-Jan-10	10000	15_Sen_08	1-0ct-13	18-Jun-13		29-Jan-13	18-Dec-12		31-Jul-12	14-Feb-12		14-Feb-12		4-0ct-11	11-8ny-91	3		19-Jul-11	Issue Date
Granted	Granted	Granted	Granted		Granted	Granted	Granted	O di ili	Granted	Granted	Granted		Granted	Granted		Granted	Granted		Granted		Granted	Granted	7		Granted	Status
Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	Technologies, LLC	CoActive	CoActive Technologies, LLC	CoActive Technologies, LLC	Technologies, LLC	Coactive	CoActive	CoActive Technologies, LLC	Technologies, LLC	CoActive	Technologies, LLC	Technologies, LLC	CoActive	CoActive Technologies, LLC	Technologies, LLC	CoActive	Technologies, LLC	CoActive	Technologies, LLC)		Technologies, LLC	Owner

RICAL SWITCH WITH MULTIPLE 202010134155.9 23-Jul-80 CN101354975A. 28-Jun-90 Z12008103155 23-Jul-80 PRE LEGERIPLA SWITCH WITH MULTIPLE 202010134155.9 23-Jul-80 CN101354975A. 28-Jun-90 Z12008103155 23-Jul-80 PRE LEGERIPLA SWITCH 29855703.8 19-Nov-98 1034554 13-Sep-90 213138640.7 2-May-07 Granted SEVERAL CHANNELS AND SNIGLE SEVERAL CHANNEL	Technologies, LLC	d					03		ARRANGEMENT	
RICAL SWITCH WITH MULTIPLE 20081013415559 23-Jul-08 CN/01354975X 28-Jan-099 272-00810341555 23-Jul-08 CN/01354975X 28-Jan-099 272-00810341555 23-Jul-08 CN/01354975X 28-Jan-099 272-0081034155 23-Jan-13 Granted SUFRAL CHANNELS AND SNIGLE EFFIRICAL SWITCH 98955703.8 919-Nov-98 1034554 17-Mar-04 213138640.7 2.4May-07 Granted SUFRAL CHANNELS AND SNIGLE EFFIRICAL SWITCH 98955703.8 19-Nov-98 1034554 17-Mar-04 213138640.7 2.4May-07 Granted SUFRAL CHANNELS AND SNIGLE SUFFACE SUFFACE SUFFACE SUFFACE SUFFACE SUFFACE SUFFACE SUFFACE SUFFACE	CoActive	Pending	N/A	N/A	11-Dec-03	10324295	21-May-	10324295 3	MILITIPLE FLECTRICAL SWITCH	ᆔ
PRIOR DESCRIPTION DESCRIPTIO	Technologies, LLC						03		SMART CARD INCLUDING AN	
PRICE SWITCH WITTH NULLTIPLE 2003101341555 23-Jul-08 CN10354975A 28-Jan-09 2120810134155 23-Jul-08 CN10354975A 28-Jan-09 2120810134155 23-Jan-13 212-Jan-13 212-J	CoActive	Pending	N/A	N/A	18-Dec-03	10324294	21-May-	10324294.5	ELECTRICAL CONNECTOR FOR A	DE
RICAL SWITCH WITH MULTIPLE 200810134155.5 22-Jul-08 C 101354975Å 28-Jan-09 Z120810134155.5 22-Jul-08 C 10134549 Å 27-Mar-04 Z13138640.7 22-May-07 Granted NEEMENT 20081013415 21-Jul-09 20132640.7 22-May-07 Granted SEVERAL CHANNELS AND SINGLE ERONG ELEMÉNT 20081013415.1 22-Dec-00 1113472 4-Jul-01 1113472 10-Mar- Granted RALY ACTIVATED ELECTRICAL 403652.1 22-Dec-00 1113472 4-Jul-01 1113472 10-Mar- Granted HING DEVICE PA405180.3 25-Feb-94 406180 27-Apr-95 4406180 27-Apr-95 Granted COLADRANT SWITCH PA410201.1 24-Mar- HA10201 28-Sep-95 4410201 20-Jul-00 Granted GETING OPTO-ELECTRICAL PA410201.2 24-Mar- HA10201 28-Sep-95 4410201 20-Jul-00 Granted GETING OPTO-ELECTRICAL PA410201 24-Mar- HA10201 20-Jul-00 Granted GETING OPTO-ELECTRICAL PA410201.1 24-Mar- HA10201 20-Jul-00 Granted GETING OPTO-ELECTRICAL PA410201 20-Jul-00 Granted GETING OPTO-ELECTRICAL PA410201 20-Jul-00 Granted GETING OPTO-ELECTRICAL CONNECTOR PA410203.9 24-Jul-97 803835 21-Dec-95 4420638 20-Jul-00 Granted HE CONNECTOR FOR A 932033.9 24-Jul-97 803835 29-Oct-97 803835 2-Jul-04 Granted TOARD GETING ONNECTOR FOR A 93201350 27-Apr-98 860792 24-Jul-04 Granted TOARD GETING ONNECTOR WITH 69802578 11-May- 981798 11-Mar-00 981798 24-Mov-01 Granted Granted GETING CONNECTOR WITH 69802578 11-May- 981798 11-Mar-00 981798 28-Mov-01 Granted Granted GETING CONNECTOR WITH 69802578 11-May- 981798 11-Mar-00 981798 28-Mov-01 Granted Granted GETING CONNECTOR WITH 69802578 11-May- 981798 11-Mar-00 981798 28-Mov-01 Granted Granted GeTING CONNECTOR WITH 69802578 11-May- 981798 11-Mar-00 981798 28-Mov-01 Granted Granted GeTING CONNECTOR WITH 69802578 11-Mar-00 9817978 28-Mov-01 Granted Granted GeTING CONNECTOR WITH 69802578 11-Mar-00 9817978 28-Mov-01 Granted Granted GeTING CONNECTOR WITH 69802578 11-Mar-00 9817978 28-Mov-01 Granted GeTI	Technologies, LLC						07		MULTIPLE SWITCH WAYS	
RICAL SWITCH WITH MULTIPLE APAPL NO. PRIE Value PURDINATION NO. PURDINATIO	CoActive	Pending	N/A	N/A	18-Oct-07	102007014778	28-Mar-	102007014778.5	ELECTRIC COMMUTATOR WITH	ЭG
RICAL SWITCH WITH MULTIPLE 2008/10134155.9 23-jul-08 CN101354975A 28-jan-09 Z1200810134155 23-jan-13 Granted Public ELECTRICAL SWITCH WITH MULTIPLE 2008/10134155.9 23-jul-08 CN101354975A 28-jan-09 Z1200810134155 23-jan-13 Granted Sierral Channels and Single Lectrical Switch With With Electrical Switch With Electrical P4406180.3 19-bec-03 194554 19-bec-03 194554 19-bec-03 194554 19-bec-05 1940554	Technologies, LLC						98		LANDING CONTACTS	
RICAL SWITCH WITH MULTIPLE OAPLIP NO. PIRE DIRECTION NO. PUBLISHOP NO. PAR NO. SSUE DATE PAR NO. PAR NO. SSUE DATE PAR NO. PAR NO. SSUE DATE PAR NO.	CoActive	Granted	28-Nov-01	981798	1-Mar-00	981798	11-May-	69802678	SMART CARD CONNECTOR WITH	DE.
RICAL SWITCH WITH MULTIPLE 200810134155.9 23-Jul-08 CN101354975A 28-Jan-09 Z1200810134155 23-Jan-13 Granted PIRLE ELECTRICAL SWITCH 200810134155.9 23-Jul-08 CN101354975A 28-Jan-09 Z1200810134155 23-Jan-13 Granted PIRLE ELECTRICAL SWITCH 2038040.7 29-May CN1482641A 17-Mar-04 213138640.7 29-May-07 Granted No.Eminy ELECTRICAL 29-May-08 1034554 13-Sep-00 1034554 17-Mar-04 213138640.7 29-May-07 Granted Several Channels and Single 29-May-08 1034554 13-Sep-00 1034554 17-Mar-04 213138640.7 29-May-07 Granted Several Channels And Single 29-May-08 1034554 13-Sep-00 1034554 17-Mar-04 213138640.7 29-May-07 Granted PRESISTRICAL 29-May-08 1034554 13-Sep-00 1034554 17-Mar-04 213138640.7 29-May-07 Granted PRESISTRICAL 29-May-08 113472 29-May-08 113472 19-Mar-04 213138640.7 29-May-08 27-May-09 113472 29-May-08 27-May-09 113472 29-May-09 113472 29-May-09 Granted PRESISTRICAL 29-Mar-04 29-May-09 29-May-09 Granted PRESISTRICAL 29-May-09 29-May	Technologies, LLC								SMART CARD	
RICAL SWITCH WITH MULTIPLE Appl. No. PRIE PLATE PRIO DIAGE PAT NO. ISSUE DIAGE State Diage PAT NO. ISSUE DIAGE	CoActive	Granted	24-Nov-04	860792	26-Aug-98	860792	27-Apr-98	98201350	ELECTRICAL CONNECTOR FOR A	ÐE
RICAL SWITCH WITH MULTIPLE 200810134155.9 2-Jul-08 CHID Jace PAT NO. Issue Jace State Jace Pat No. Issue Jace State Jace Addition No. File Jace CN11354975A 28-Jan-09 Z1208810134155 23-Jan-13 Granted WISH LICHT SWITCH 3138640.7 2.9 Jace 0.0 113472 17-Mar-04 21318640.7 2.4 May-07 Granted SEVERAL CHANKELS AND SINGLE 9855703.8 19-Nov-98 1034554 13-Sep-00 1034554 17-Apr-02 Granted SEVERAL CHANKELS AND SINGLE 9855703.8 19-Nov-98 1034554 13-Sep-00 1034554 17-Apr-02 Granted SEVERAL CHANKELS AND SINGLE 940 13581957 5-Oct-05 1581957 30-Aug-06 Granted PALIVE CHANTER P4405180.3 25-Feb-94 <td>Technologies, LLC</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>************</td> <td></td> <td>SMART CARD</td> <td></td>	Technologies, LLC						************		SMART CARD	
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Appl. No. File Date Full Care AUTH MULTIPLE Appl. No. File Date Full Care EAS Publication No. Publication No. Publication No. Publication No. Pat No. Issue Date Issue Date EAS Issue Date Status Status AL SWITCH 3138640.7 29-May- 03 CN1482641A 17-Mar-04 ZL3138640.7 2-May-07 Granted LECTRIC SWITCH 98955703.8 19-Nov-98 1034554 13-Sep-00 1034554 17-Apr-02 Granted NNELS AND SINGLE NNELS AND SINGLE 403652.1 22-Dec-00 1113472 4-Jul-01 1113472 10-Mar- 04 Granted ED ELECTRICAL 403652.1 22-Dec-03 113472 4-Jul-01 1113472 10-Mar- 04 Granted FR 94406180.3 25-Feb-94 4406180 27-Apr-95 4406180 27-Apr-95 Granted WITCH P4410201.1 24-Mar- 94 4410201 28-Sep-95 4410201 20-Jul-00 Granted	CoActive	Granted	20-Aug-98	4420698	21-Dec-95	4420698	14-Jun-94	P4420698.4	ADAPTER FOR ELECTRICALLY	Ð
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Appl. No. File Date Fublication No. Fub Date Fat No. Issue Date Status	CoActive Technologies, LLC	Granted	23-Jan-13	ZL200810134155	28-Jan-09	CN101354975A	23-Jul-08	200810134155.9	SWITCHING CHANNELS	S
	Owner	Status	Issue Date	Pat No.	Pub Date	Publication No.	File Date	Appl. No.		Country

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THIN CONTACTOR	SOLDERLESS ONE LINE CONNECTOR	LATERALLY ACTUATED ELECTRICAL SWITCH	ONE-PIECE ELECTRICAL CONNECTOR FOR THE CONNECTION OF A SMART CARD	TOUCH-SENSITIVE ELECTRIC SWITCH WITH SEVERAL CHANNELS AND SINGLE TRIGGERING ELEMENT	ELECTRIC COMMUTATOR WITH MULTIPLE SWITCH WAYS	ILLUMINATED ELECTRICAL SWITCH WITH A TACTILE EFFECT	SMART CARD CONNECTOR WITH LANDING CONTACTS	ELECTRICAL CONNECTOR FOR A SMART CARD	ELECTRICAL CONNECTOR FOR A SMART CARD	THIN CONTACTOR	SWITCH WITH LIGHT SUPPORTED IN OPERATING MEMBER	SOLDERLESS ONE LINE CONNECTOR	LATERALLY ACTUATED ELECTRICAL SWITCH	ONE-PIECE ELECTRICAL CONNECTOR FOR THE CONNECTION OF A SMART CARD	TOUCH-SENSITIVE ELECTRIC SWITCH WITH SEVERAL CHANNELS AND SINGLE TRIGGERING ELEMENT	MINIATURIZED ELECTRIC SWITCH	TOUCH-SENSITIVE FACEPLATE WITH TACTILE FEEDBACK
4769361.9	3101843.5	403652.1	931093.9	98955703.8	0651319	4820853.2	98924412.4	98201350	97201929.3	4769361.9	03780448.1	3101843.5	403652.1	931093.9	98955703.8	2006031584.7	Appl. No. 112005002107.6
14-Sep-04	23-Jun-03	22-Dec-00	2-May-00	19-Nov-98	11-Apr-06	13-Dec-04	11-May- 98	27-Apr-98	24-Jun-97	14-Sep-04	19-Dec-03	23-Jun-03	22-Dec-00	2-May-00	19-Nov-98	7-Jul-06	6-Sep-05
1673793	1394903	1113472	1093631	1034554	2899719	1700323	981798	860792	803835	1673793	1581957	1394903	1113472	1093631	1034554	102006031584	112005002107
24-Mar-05	3-Mar-04	4-Jul-01	10-Feb-00	13-Sep-00	12-0ct-07	14-Jul-05	1-Mar-00	26-Aug-98	29-Oct-97	24-Mar-05	5-Oct-05	3-Mar-04	4-Jul-01	10-Feb-00	13-Sep-00	11-Jan-07	25-Oct-07
1673793	1394903	1113472	1093631	1034554	0651319	N/A	981798	860792	803835	1673793	1581957	1394903	1113472	1093631	1034554	N/A	N/A
31-Mar- 10	31-Aug-05	10-Mar- 04	24-Aug-05	17-Apr-02	16-May- 08	N/A	28-Nov-01	24-Nov-04	2-Jun-04	31-Mar- 10	30-Aug-06	31-Aug-05	10-Mar- 04	24-Aug-05	17-Apr-02	N/A	N/A
Granted	Granted	Granted	Granted	Granted	Granted	Pending	Granted	Granted	Granted	Granted	Granted	Granted	Granted	Granted	Granted	Pending	Status Pending
CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC

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SMART CARD CONNECTOR WITH LANDING CONTACTS	ELECTRICAL CONNECTOR FOR A SMART CARD	ELECTRICAL SWITCH HAVING A VARIABLE RETURN FORCE	ELECTRIC CONNECTOR FOR CONNECTING INTELLIGENT CARD WITH IMPROVED CONTACT SHEET	ELECTRICAL SWITCH WITH MULTIPLE SWITCHING WAYS	ELECTRICAL SWITCH HAVING MULTIPLE SCANNING WAYS AND A SINGLE ACTUATOR	SWITCH DEVICE PROVIDED WITH A LIGHT SOURCE	COMMUTATION DEVICE HAVING AN INTEGRATED LIGHT SOURCE	TOUCH-SENSITIVE FACEPLATE WITH TACTILE FEEDBACK	A DRUM AND MULTIPLE SWITCHING WAYS	NORMALLY CLOSED TYPE	WITH A TACTILE EFFECT ELECTRICAL SWITCH OF THE	ILLUMINATED ELECTRICAL SWITCH	PUSHED	CARRIERS RELEASED WHEN BUTTON	CONDUCTOR STRIP FORMING	CLOSED HAVING CONTACT CARRIERS	IMPROVED SWITCH	SMART CARD INCLUDING AN	ELECTRICAL CONNECTOR FOR A	MULTIPLE ELECTRICAL SWITCH ARRANGEMENT	+
98924412.4	98201350	0753636	7139	0452764	312015	310752	0300266	409556	103247	700077	403780	315611				107/02			206473	206608	Appl. No.
11-May- 98	27-Apr-98	5-Mar-07	5-Jun-00	26-Nov-04	15-Oct-03	12-Sep-03	10-Jan-03	9-Sep-04	1 0 CD 04	1.500.04	9-Apr-04	31-Dec-03				70-UNG-CT	3	02	28-May-	30-May- 02	File Date
981798	860792	2913524	2809871	2878646	2861214	2859818	2849953	2875024	20,41,33	707/720	2868874	2864691				2841037			2840459	2840447	Publication No.
11-May-98	26-Aug-98	12-Sep-08	7-Dec-01	2-Jun-06	22-Apr-05	18-Mar-05	16-Jul-04	10-Mar-06	r Ara	3 145 06	14-0ct-05	7/1/2005				T3-Dec-03	2		5-Dec-03	5-Dec-03	Pub Date
981798	860792	753636	7139	452764	312015	310752	300266	2875024	2017100	7074730	2868874	2864691				2641U37			2840459	206608	Pat No.
28-Nov-01	24-Nov-04	17-Apr-09	19-Jul-02	20-Nov-07	9-Dec-05	26-Jul-13	8-Apr-05	8-Jun-07	00000	70.00	06 10-Sep-10	10-Mar-				70-NON-04	3		16-Jul-04	26-Nov-04	Issue Date
Granted	Granted	Granted	Granted	Granted	Granted	Granted	Granted	Granted	Ci ai ic	Grantod	Granted	Granted				Oldlifed			Granted	Granted	Status
CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	Technologies, LLC	Technologies, LLC	Technologies, LLC CoActive	CoActive				Technologies, LLC		Technologies, LLC	CoActive	CoActive Technologies, LLC	Owner

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SEALED PUSHBUTTON SWITCH	ONE-PIECE SMART CARD CONNECTOR	SWITCHLOCK WITH SNAP-IN CAM	LANDING CONTACTS	SMART CARD CONNECTOR WITH	TOUCH SENSITIVE MULTIPLE ELECTRIC	FEEDBACK	PIEZOELECTRIC SWITCH WITH AUDIBLE	SEALED SLIDE SWITCH	SIVIANI CARD CONNECTOR	BOARD CONNECTOR	DEVICE FOR MOUNTING ON A CIRCUIT		CARD CONNECTOR CONTACT ELEMENT	PIEZO ELECTRIC SWITCH		ILLUMINATED PUSHBUTTON SWITCH		ILLUMINATED PUSHBUTTON SWITCH	SMART CARD	SMART CARD	ELECTRICAL CONNECTOR FOR A		SOLDERLESS ONE LINE CONNECTOR	SWITCH	TRIGGERING ELEMENT	WITH SEVERAL CHANNELS AND SINGLE	TOUCH-SENSITIVE ELECTRIC SWITCH	MINIATURIZED ELECTRIC SWITCH	
09/712609	09/741,640	09/878636	05/430003	00/120602	09/568,869		09/449412	09/050756	08/888,433	00/000 475	08/489,336		08/315,798	08/116495		94106152		200502747-9	98201350	2000	97201929.3		3101843.5	403652.1			98955703.8	552083	Appl. No.
13-Nov-00	19-Dec-00	11-Jun-01	T2-NOV-35	13 Nov 00	9-May-00		26-Nov-99	30-Mar- 98	/ 6-Inf-/	7 1.1 67	12-Jun-95		30-Sep-94	7-Sep-93		1-Mar-05	05	17-Mar-	2/-Apr-98	27 4 - 22	24-Jun-97		23-Jun-03	22-Dec-00			19-Nov-98	7-Jul-05	File Date
N/A	N/A	N/A	N/A	NIA	N/A		N/A	N/A	N/A	NIA	N/A	•	N/A	N/A		1251849		115850	860/92	20702	803835		1394903	1113472			1034554	FR2888395	Publication No.
N/A	N/A	N/A	W/A	N/A	N/A	14.5	N/A	N/A	N/A	2	N/A		N/A	N/A		21-Mar-06		28-Oct-05	26-Aug-98	3	29-Oct-97		3-Mar-04	4-Jul-01		•	13-Sep-00	12-Jan-07	Pub Date
6,459,057	6,447,338	6,446,475	0,334,861	6 25/ 001	6,323,449	0,000,000	6.310.428	6,008,458	5,980,323	7 000 73	5,612,855		5,527,192	5,442,150		1251849		115850	860/92	20200	803835		1394903	1113472			1034554	N/A	Pat No.
1-0ct-02	10-Sep-02	10-Sep-02	02	17 702	27-Nov-01	0	30-Oct-01	28-Dec-99	9-MON-53	21/20	18-Mar-		18-Jun-96	15-Aug-95	06	21-Mar-		31-Jul-07	24-Nov-04		2-Jun-04	(31-Aug-05	10-Mar- 04		*	17-Apr-02	N/A	Issue Date
Granted	Granted	Granted	Granted	Control	Granted	9	Granted	Granted	Granted		Granted		Granted	Granted		Granted		Granted	Granted		Granted		Granted	Granted			Granted	Pending	Status
CoActive Technologies, LLC	CoActive Technologies, LLC	CoActive Technologies, LLC	Technologies, LLC	Ce Action	CoActive	Technologies, LLC	CoActive	CoActive Technologies, LLC	Technologies, LLC	recnnologies, LLC	Coactive	Technologies, LLC	CoActive	CoActive Technologies, LLC	Technologies, LLC	CoActive	Technologies, LLC	CoActive	Technologies, LLC	Technologies, LLC	CoActive	Technologies, LLC	CoActive	CoActive Technologies, LLC		Technologies, LLC	CoActive	CoActive Technologies, LLC	Owner

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			11/346920		11/285,657		11/442,495		11/283010		11/519,735		11/363,815		11/176708		11/473,783		10/817,031		10/635,709		10/445,515		10/446,067		09/738,298	Appl. No.
			3-Feb-06		16-Nov-05	96	25-May-		18-Nov-05		12-Sep-06		28-Feb-06		19-Dec-03		23-Jun-06		1-Apr-04		5-Aug-03	03	27-May-	03	27-May-		14-Dec-00	File Date
			20060125580		20060109244		2006-0278515		20060113170		20070000767		2006-0191779		20050263380		20070007119		2002-0024327		2004-0033723		2000-000466		2004-0023538		2001-0020577	Publication No.
			15-Jun-06		25-May-06		14-Dec-06		1-Jun-06		4-Jan-07		31-Aug-06		1-Dec-05		11-Jan-07		13-0ct-05		19-Feb-04		1-Jan-04		5-Feb-04		13-Sep-01	Pub Date
	D479516		7,589,607		7,528,331		7,427,724		7,297,883		7,238,906		7,235,754		7,202,429		7,196,280		6,974,924		6,857,906		6,794,589		6,786,748		6,495,783	Pat No.
	9-Sep-03		15-Sep-09		5-May-09		23-Sep-08		20-Nov-07		3-Jul-07		26-Jun-07		10-Apr-07	07	27-Mar-		13-Dec-05		22-Feb-05		21-Sep-04		7-Sep-04		17-Dec-02	Issue Date
	Granted		Granted		Granted		Granted		Granted		Granted		Granted		Granted		Granted		Granted		Granted		Granted		Granted		Granted	Status
Technologies, LLC	CoActive	Technologies, LLC	CoActive	Technologies, LLC	CoActive	Technologies, LLC	CoActive	Technologies, LLC	CoActive	Technologies, LLC	CoActive	Technologies, LLC	CoActive	Technologies, LLC	CoActive	Technologies, LLC	CoActive	Technologies, LLC	CoActive	Technologies, LLC	CoActive	Technologies, LLC	CoActive	Technologies, LLC	CoActive	Technologies, LLC	CoActive	Owner