#### 503653501 01/19/2016

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
N-TRIG LTD.	04/29/2015

#### **RECEIVING PARTY DATA**

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14201994

#### **CORRESPONDENCE DATA**

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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: (703) 859-9634 Email: martin@ipatent.co.il **Correspondent Name:** MARTIN D. MOYNIHAN

Address Line 1: P.O. BOX 16446 Address Line 2: PRTSI, INC.

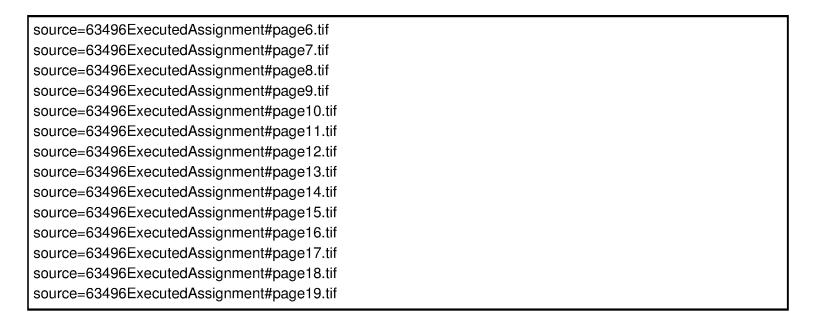
Address Line 4: ARLINGTON, VIRGINIA 22215

ATTORNEY DOCKET NUMBER:	63496
NAME OF SUBMITTER:	MARTIN D. MOYNIHAN
SIGNATURE:	/Martin D. Moynihan/
DATE SIGNED:	01/19/2016

#### **Total Attachments: 19**

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source=63496ExecutedAssignment#page1.tif source=63496ExecutedAssignment#page2.tif source=63496ExecutedAssignment#page3.tif source=63496ExecutedAssignment#page4.tif source=63496ExecutedAssignment#page5.tif



Continuation of USSN: 14/201,994

#### ASSIGNMENT OF PATENTS AND APPLICATIONS

#### ASSIGNMENT

N-trig Ltd., a corporation organized under the laws of Israel and having an office and place of business at 15 Atir Yeda Street, 2nd Floor, 44643 Kfar-Saba, Israel ("ASSIGNOR"), hereby sells, assigns, transfers, and conveys to

Microsoft Technology Licensing, LLC, a limited liability company organized under the laws of Washington and having an office and place of business at One Microsoft Way, Redmond, Washington 98052 ("ASSIGNEE"),

all right, title and interest ASSIGNOR has in and to the patents and patent applications listed in Exhibit A, attached hereto, including any and all legal rights to sue for past, present and future infringement, to collect royalties, to prosecute all existing patent applications worldwide, to apply for additional patents worldwide and to have patents issue in the name of ASSIGNEE.

Now, therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor assigns and transfers to the Assignee and the Assignee's legal representatives, successors and assigns, its full and exclusive rights in and to the Intellectual Property in the U.S. and every foreign country, and its entire right, title, and interest in and to the Intellectual Property and related applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the Intellectual Property.

Upon said consideration, Assignor conveys to the Assignee the right to make application in its own behalf for protection of the Intellectual Property in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of any earlier U.S. application (or any other application on the invention) to gain priority with respect to other applications.

- (1) ASSIGNOR requests and authorizes the appropriate officials in any country, to issue any and all Letters Patent that may be granted upon any patent application or any additional, continuing or divisional applications thereof to the ASSIGNEE, its successors and assigns.
- (2) ASSIGNOR grants to ASSIGNEE and its agents authority and power to insert on this instrument any further identification necessary or desirable for purposes of recordation in the Patent and Trademark Office of any country.
- (3) ASSIGNOR certifies that the person signing this assignment is a lawful representative of ASSIGNOR and is authorized to execute this assignment its behalf.
- (4) This assignment will become effective on the date when both ASSIGNOR and ASSIGNEE have signed it.

AS	SSIGNMENT OF PATENTS	LYD APPLICATIO	ONS
April 29-2015 [Date]	Signature of	<u> </u>	for ASSIGNOR
persons who sig acknowledged the	above-identified ASSIGNOR, personance the foregoing instrument, appears the said instrument was signed and for the uses and purposes therein set in	ared before me this a delivered as the free a	day in person, and
Gi	ven under my hand and seal, this	April 29-2015	[Date].
	Wilness. Han Geller		

Continuation of USSN: 14/201,994

#### ASSIGNMENT OF PATENTS AND APPLICATIONS

ACCEPTANCE

Signature of

for ASSIGNEE.

[Date]

[NAME, TITLE] MATTHEW TEMPREZYK, VICE PRESIDENT

I certify that the above-identified ASSIGNEE, personally known to me to be the same person or persons who signed the foregoing instrument, appeared before me this day in person, and at the said insuinstruction in the uses and purposes the constant of the uses and purposes the constant in the uses and purposes the constant in the uses and shall this constant in the use of the uses and the use of th acknowledged that the said instrument was signed and delivered as the free and voluntary act of the ASSIGNEE, for the uses and purposes therein set forth.

PUB. PUB. PUB.

**PATENT** 

**REEL: 037512 FRAME: 0435** 

## EXHIBIT A

COUNTRY	PATENT NUMBER	SERIAL/ APPLICATION	APPLICATION/ FILED	APPUCATION TITLE
		NUMBER	UMIL	
USA	6,690,156	09/628,334	28 JULY 2000	PHYSICAL OBJECT LOCATION APPARATUS AND METHOD AND A PLATFORM USING THE SAME
USA	6,762,752	10/270,373	15 OCTOBER 2002	DUAL FUNCTION INPUT DEVICE AND METHOD
USA	7,292,229	10/649,708	28 AUGUST 2003	TRANSPARENT DIGITISER
USA	7,372,455	10/757,489	15 JANUARY 2004	TOUCH DETECTION FOR A DIGITIZER
USA	7,995,036	11/063,535	24 FEBRUARY 2005	NOISE REDUCTION IN DIGITIZER SYSTEM
USA	7,649,524	11/180,711	14 JULY 2005	TRACKING WINDOW FOR A DIGITIZER SYSTEM
USA	7,843,439	11/727,301	15 JANUARY 2004	TOUCH DETECTION FOR A DIGITIZER
USA	8,931,780	11/463,788	10 AUGUST 2006	APPARATUS FOR OBJECT INFORMATION DETECTION AND METHODS OF USING SAME
USA	8,587,526	11/783,860	12 APRIL 2007	GESTURE RECOGNITION FEEDBACK FOR A DUAL MODE DIGITIZER
USA	7,906,364	11/791,749	29 NOVEMBER 2005	METHODS FOR MANUFACTURING A SENSOR ASSEMBLY

USA	8,059,102	11/808,868	13 JUNE 2007	FINGERTIP TOUCH RECOGNITION FOR A DIGITIZER
USA	8,686,964	11/822,951	11 JULY 2007	USER SPECIFIC RECOGNITION OF INTENDED USER INTERACTION WITH A DIGITIZER
USA	-	11/822,950	11 JULY 2007	HOVER AND TOUCH DETECTION FOR A DIGITIZER
USA	~	11/889,598	15 AUGUST 2007	GESTURE DETECTION FOR A DIGITIZER
USA	8,217,918	11/905,593	28 AUGUST 2003	TRANSPARENT DIGITISER
USA	8,866,789	12/007,881	16 JANUARY 2008	SYSTEM AND METHOD FOR CALIBRATION OF A CAPACITIVE TOUCH DIGITIZER SYSTEM
USA	-	12/078,132	27-MAR-2008	SYSTEM AND METHOD FOR MULTIPLE OBJECT DETECTION ON A DIGITIZER SYSTEM
USA	8,228,311	12/153,343	15 JANUARY 2004	TOUCH DETECTION FOR A DIGITIZER
USA	-	12/219,531	23 JULY 2008	SYSTEM AND METHOD FOR DIAGNOSTICS OF A GRID BASED DIGITIZER

USA	8,629,358	12/232,811	24 SEPTEMBER 2008	METHOD FOR IDENTIFYING CHANGES IN SIGNAL FREQUENCIES EMITTED BY A STYLUS INTERACTING WITH A DIGITIZER SENSOR
USA	~	12/232,979	14 JULY 2005	AUTOMATIC SWITCHING FOR A DUAL MODE DIGITIZER
USA	-	12/285,460	6 OCTOBER 2008	METHOD FOR PALM TOUCH IDENTIFICATION IN MULTI-TOUCH DIGITIZING SYSTEMS
USA	8,232,977	12/269,971	13 NOVEMBER 2008	SYSTEM AND METHOD FOR DETECTION WITH A DIGITIZER SENSOR
USA	8,289,289	12/417,062	2 APRIL 2009	MULTI-TOUCH AND SINGLE TOUCH DETECTION
USA		12/432,903	30 APRIL 2009	MULTI-TOUCH DETECTION
USA	8,536,471	12/546,753	25 AUGUST 2009	PRESSURE SENSITIVE STYLUS FOR A DIGITIZER
USA	7,902,840	12/551,602	10 AUGUST 2006	APPARATUS FOR OBJECT INFORMATION DETECTION AND METHODS OF USING SAME
USA	8,481,872	12/643,004	21 DECEMBER 2009	DIGITIZER, STYLUS AND METHOD OF SYNCHRONIZATIO N THEREWITH

USA	~	13/425,610	21 MARCH 2012	SYSTEM AND METHOD FOR AUTHENTICATION WITH A COMPUTER STYLUS
USA	8,400,427	13/411,795	15 JANUARY 2004	TOUCH DETECTION FOR A DIGITIZER
USA	8,441,458	13/551,739	2 APRIL 2009	MULTI-TOUCH AND SINGLE TOUCH DETECTION
USA	-	12/831,810	7 JULY 2010	SYSTEM AND METHOD FOR MULTI-TOUCH INTERACTIONS WITH A TOUCH SENSITIVE SCREEN
USA	8,913,018	13/163,917	20 JUNE 2011	SYSTEM AND METHOD FOR FINGER RESOLUTION IN TOUCH SCREENS
USA	8,373,677	13/564,877	15 JANUARY 2004	TOUCH DETECTION FOR A DIGITIZER
USA	8,648,830	13/644,331	24 FEBRUARY 2005	NOISE REDUCTION IN DIGITIZER SYSTEM
USA	~	13/703,390	9 JUNE 2011	OBJECT ORIENTATION DETECTION WITH A DIGITIZER
USA	~	13/682,779	21 NOVEMBER 2012	CUSTOMIZING OPERATION OF A TOUCH SCREEN
USA	8,593,433	13/727,597	15 JANUARY 2004	TOUCH DETECTION FOR A DIGITIZER
USA	•	13/786,511	6 MARCH 2013	DIGITIZER SYSTEM
USA	-	13/858,169	8 APRIL 2013	METHOD FOR IDENTIFYING TOUCH ON A TOUCH SCREEN

USA	*	13/985,606	15 FEBRUARY	TRACKING INPUT
05.		25.205,500	2012	TO A MULTI-
				TOUCH DIGITIZER
			1 1 1 1	SYSTEM
USA		14/005,308	15 MARCH 2012	INTERACTING TIPS
				FOR A DIGITIZER
				STYLUS
USA	•	13/892,381	13-MAY-2013	METHOD FOR
		12.05.24		IDENTIFYING
				PALM INPUT TO A
				DIGITIZER
USA	9	13/905,175	30 MAY 2013	WRITING TIP FOR
				A STYLUS
USA	9	13/908,063	25 AUGUST 2009	PRESSURE
		·		SENSITIVE STYLUS
				FOR A DIGITIZER
USA	8,669,967	13/909,118	21 DECEMBER	DIGITIZER,
			2009	STYLUS AND
				METHOD OF
				SYNCHRONIZATIO
				N THEREWITH
USA		13/960,914	7 AUGUST 2013	CAPACITIVE
				SENSOR FOR A
				DIGITIZER SYSTEM
USA	8,952,930	14/076,304	15 JANUARY 2004	TOUCH
				DETECTION FOR A
				DIGITIZER
USA		14/201,994	21 DECEMBER	DIGITIZER,
			2009	STYLUS AND
				METHOD OF
				SYNCHRONIZATIO
				N THEREWITH
USA	9,018,547	14/144,621	24 SEPTEMBER	METHOD FOR
			2008	IDENTIFYING
				CHANGES IN
				SIGNAL
				FREQUENCIES
			1 1 1 1	EMITTED BY A
				STYLUS
				INTERACTING
		***************************************		WITH A DIGITIZER
				SENSOR
USA	~	14/176,289	24 FEBRUARY	NOISE REDUCTION
			2005	IN DIGITIZER
				SYSTEM

USA	u	14/164,340	27 JANUARY 2014	DIGITIZER SYSTEM
USA	o	14/188,931	25 FEBRUARY	STYLUS FOR A
			2014	DIGITIZER SYSTEM
USA	•	61/988,241	4 MAY 2014	PRESSURE SENSOR
				FOR A STYLUS
USA	•	14/451,448	5 AUGUST 2014	PRESSURE
				SENSITIVE STYLUS
				FOR A DIGITIZER
USA	a.	14/395,837	23 APRIL 2012	PRESSURE
				SENSITIVE STYLUS
				FOR A DIGITIZER
USA		14/445,257	29 JULY 2014	FINGER TOUCH
				SENSING WITH A
				DIGITIZER SYSTEM
USA	•	14/555,610	10 AUGUST 2006	APPARATUS FOR
		,		OBJECT
				INFORMATION
				DETECTION AND
				METHODS OF
				USING SAME
USA	***************************************	14/533,328	5 NOVEMBER	STYLUS TILT
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2014	TRACKING WITH A
				DIGITIZER
USA	9	61/989,546	7 MAY 2014	ENHANCED
		Val P v yv	1 2/23 2 200 2 1	CAPABILITIES IN A
				TOUCH SYSTEM
USA	~	60/406,662	29 AUGUST 2002	TRANSPARENT
				DIGITIZER
USA		61/006,587	23 JANUARY 2008	IMAGE
5.50		01.000,007	25 57 11 (67 11 (7 2000)	MANIPULATION
				METHOD FOR
				MULTI-TOUCH
				SYSTEM
USA		12/357,427	22 JANUARY 2009	GRAPHICAL
COXI		12/33/,42/	ZZ JMINOMKI ZOOY	OBJECT
				MANIPULATION
				WITH A TOUCH
				SENSITIVE SCREEN
USA		60/812,994	13 JUNE 2006	
UDM.		00/012,994	13 JUNE 2000	VERIFICATION OF
				FINGER PATTERN
			1	IN A DIGITIZER

USA	4-	61/621,523	8 APRIL 2012	STYLUS AND
				DIGITIZER FOR 3D
				MANIPULATION
				OF VIRTUAL
				OBJECTS
USA	~	60/830,136	12 JULY 2006	DETECTION OF
				FINGER/HAND
				OVER A DIGITIZER
USA	~	60/834,562	1 AUG 2006	'PALM REJECTION'
				METHOD BASED
				ON THE
				DETECTION OF A
				HAND PLACED IN
				PROXIMITY OVER
				A DIGITIZER
USA		60/707,339	11 AUGUST 2005	APPARATUS FOR
				OBJECT
				INFORMATION
				DETECTION AND
				METHODS OF
				USING SAME
USA	u	60/960,365	26 SEPTEMBER	STYLUS
			2007	FREQUENCY
				LEARNING
				METHOD FOR A
				DIGITIZER SYSTEM
USA	41	60/547,772	27 FEBRUARY	NOISE REMOVAL
			2004	ALGORITHM FOR
				DIGITIZER
				SYSTEMS
USA		13/171,601	29 JUNE 2011	NOISE REDUCTION
				IN DIGITIZER
				SYSTEM
USA	( <del>x</del>	61/356,689	21 JUNE 2010	FINGER
		1		RESOLUTION IN
				TOUCH SCREENS

USA	-	60/446,808	10 FEBRUARY	MULTIPLE INPUT
			2003	DEVICE THAT
				SENSES BOTH
				ELECTRO
				MAGNETIC
				STYLUS AND
				FINGERS USING
				THE SAME SENSOR
				AND SAME
	10-11 - 11 - 11	1	1.1	PATTERN
USA	~	60/501,484	5 SEPTEMBER	MULTIPLE INPUT
			2003	TRANSPARENT
				SENSOR THAT
				SENSES BOTH
				ELECTRO
				MAGNETIC
				STYLUS AND
<u> </u>				FINGER TOUCHES
USA	~	61/453,560	17 MARCH 2011	INTERACTING TIPS
33				FOR A DIGITIZER
				STYLUS
USA	~	60/333,770	29 NOVEMBER	MULTIPLE INPUT
			2001	DEVICE INPUT
				USING A
a.			A Company of the Comp	COMBINATION OF ELECTRO-
				MAGNETIC AND
				TOUCH SENSITIVE
				METHODS
USA	-	60/880,369	16 JANUARY 2007	AUTOMATIC
COA	_	00/000,002	LOUNTHUMEL 2007	CALIBRATION FOR
				A CAPACITIVE
				TOUCH SYSTEM
USA		61/653,434	31 MAY 2012	STYLUS PIN
USA	<b>a</b>	61/775,791	11 MARCH 2013	STYLUS PIN
USA	-	61/354,081	11 JUNE 2010	OBJECT
		,		ORIENTATION
				DETECTION WITH
				A DIGITIZER
USA	*	61/646,377	14 MAY 2012	METHOD FOR
				IDENTIFYING
				PALM INPUT TO A
		***************************************		DIGITIZER
USA	-	61/607,037	6 MARCH 2012	DIGITIZER SYSTEM

USA	*************	13/226,783	07 SEPTEMBER	SOLID STATE
			2011	IMAGING DEVICE
USA	~	60/631,254	29 NOVEMBER	METHODS FOR
			2004	MANUFACTURING
				A SENSOR
				ASSEMBLY
USA	•	61/071,458	30 APRIL 2008	MULTI-TOUCH
				DETECTION
				METHOD
USA	<b>~</b>	61/136,049	8 AUGUST 2008	UPDATE RATE OF
				MULTI-TOUCH
				DETECTION
				METHOD
USA	ew .	60/587,664	15 JULY 2004	TRACKING
				WINDOW FOR A
				DIGITIZER SYSTEM
USA	~	61/454,604	21 MARCH 2012	METHOD AND
				APPARATUS FOR
				OPERATING A
				COMPUTER WITH
				A TOUCH SCREEN
USA	•	61/213,736	8 JULY 2009	MULTI-TOUCH
				GESTURES WITH A
				TOUCH SENSITIVE
			,	SCREEN
USA	4.5	61/442,805	15 FEBRUARY	TRACKING INPUT
			2011	TO A MULTI-
				TOUCH DIGITIZER
				SYSTEM
USA	~	60/996,222	7 NOVEMBER	TWO-TOUCH
			2007	GESTURE
				DETECTION FOR A
]				DIGITIZER
USA	a	61/006,567	22 JANUARY 2008	TOUCH GESTURE
				DETECTION FOR A
				DIGITIZER
USA	•	12/265,819	6 NOVEMBER	MULTI POINT
			2008	DETECTION ON A
				SINGLE POINT
				DETECTION
				DIGITIZER

USA		61/000,900	30 OCTOBER 2007	METHODS FOR
USA	~	01/000,700	JOOCTOBER 2001	MANUFACTURING
				A SENSOR
				ASSEMBLY WITH
				LAMINATED
				GLASS SENSOR
USA		12/259,340	28 OCTOBER 2008	LAMINATED
USA	· ·	12/237,340	26 00100000 2006	DIGITIZER SENSOR
USA		60/935,115	26 JULY 2007	SELF-
UOM	•	00/900,810	20 JULI 2007	DIAGNOSTICS
				METHODS FOR A
				DIGITIZER SYSTEM
USA		61/006,272	4 JANUARY 2008	TESTER FOR
USA	~	01/000,272	4 JANUAR 1 2000	MEASURING
				CHARACTERISTIC
				OF A SENSOR'S
				CONDUCTORS BY
				UTILIZING
				CAPACITIVE
				COUPLING
USA		60/587,665	15 JULY 2004	AUTOMATIC
0021	_	00/50/,005	15 1522 2004	SWITCHING FOR A
				DUAL MODE
				DIGITIZER
USA	9	60/642,152	10 JANUARY 2005	AUTOMATIC
		00/0/3/103	1071231013317 1007	SWITCHING FOR A
				DUAL MODE
		! ! !		DIGITIZER
USA	~	11/180,686	14 JULY 05	AUTOMATIC
				SWITCHING FOR A
				DUAL MODE
				DIGITIZER
USA	x5	60/837,630	15 AUGUST 2006	GESTURES FOR A
				DUAL MODE
				DIGITIZER
USA	<del>-</del>	60/631,862	1 DECEMBER 2004	POSITION
		1		DETECTING
				SYSTEM AND
				APPARATUSES
				AND METHODS
				FOR USE AND
				CONTROL
				THEREOF

USA	1	60/657,439	2 MARCH 2005	POSITION
Uom	•	00/03/5439	2 MARCON 2003	DETECTING
				SYSTEM AND
				APPARATUSES
				AND METHODS
				FOR USE AND
				CONTROL
				THEREOF
USA		11/791,861	30 MAY 2007	POSITION
				DETECTING
				SYSTEM AND
				APPARATUSES
				AND METHODS
				FOR USE AND
				CONTROL
		<u> </u>		THEREOF
USA	-	61/561,935	21 NOVEMBER	METHOD AND
			2011	DEVICE FOR
				PARAMETERIZED
				TOUCH SCREEN
				OPERATION
USA	•	60/830,335	13 JULY 2006	USER
				CUSTOMIZED
				TOUCH
				CALIBRATION
USA	-	60/907,370	29 MARCH 2007	APPARATUS FOR
				RFID TAGS
				POSITION
				DETECTION
USA	a	60/907,948	24 APRIL 2007	APPARATUS FOR
				RFID TAGS
				POSITION
				DETECTION
USA	-	60/996,449	19 NOVEMBER	APPARATUS FOR
			2007	DETECTING
				PRIVATE
				INFORMATION OF
				RFID TAGS
USA	*	60/960,714	11 OCTOBER 2007	FINGERTIP TOUCH
				VERIFICATION
				METHOD FOR
				MULTI-TOUCH
				SYSTEMS
·····	<u> </u>		<u> </u>	ISYSIEMS

USA	-	61/064,919	3 APRIL 2008	COMBINED MULTI- TOUCH AND SINGLE-TOUCH DETECTION
USA	ř	13/582,050	3 MARCH 2011	3D IMAGING DEVICE AND 3D IMAGING METHOD
USA	Ÿ	61/19 <b>3,751</b>	22 DECEMBER 2008	DIGITIZER STYLUS DETECTION AND SYNCHRONIZATIO N
USA	•	60/791,205	12 APRIL 2006	FEEDBACK FOR GESTURES INDICATING THE SWITCHING BETWEEN TWO USER INTERACTIONS IN A DUAL MODE DIGITIZER
USA .	*	61/136,279	25 AUGUST 2008	OPTIMAL BASED PRESSURE SENSITIVE MECHANISM FOR A DIGITIZER STYLUS
USA	*	61/136,401	3 SEPTEMBER 2008	VARIABLE CAPACITOR FOR A DIGITIZER STYLUS
USA	*	60/996,371	14 NOVEMBER 2007	APPARATUS FOR IMPROVED PERFORMANCE OF MULTI-TOUCH AND OBJECT INFORMATION DETECTION AND METHOD OF USING SAME

USA	~	61/129,308	18 JUNE 2008	METHODS FOR CONNECTING TWO SUBSTRATES HAVING CONDUCTIVE PADS THEREON USING A DOUBLE- SIDED ADHESIVE
USA	us.	12/486,787	18 JUNE 2009	METHOD FOR ASSEMBLING A DIGITIZER SENSOR
USA	-	60/907,261	27 MARCH 2007	SENSOR SHEILDING [SIC] IN CAPACITIVE TOUCH INPUT DEVICE
USA	v	12/078,047	26 MARCH 2008	SHIELD FOR A DIGITIZER SENSOR
USA	-	61/621,530	8 APRIL 2012	SYSTEM AND METHOD FOR ENHANCING TOUCH RECOGNITION IN TOUCH SCREENS
USA	*	61/680,285	21 NOVEMBER 2011	CAPACITIVE SENSOR FOR A DIGITIZER SYSTEM
USA	as .	61/757,160	27 JANUARY 2013	DIGITIZER SYSTEM
USA	~	61/768,561	25 FEBRUARY 2013	DIGITIZER SYSTEM
USA	*	61/768,562	25 FEBRUARY 2013	STYLUS FOR A DIGITIZER SYSTEM
USA		61/876,888	12 SEPTEMBER 2013	PRESSURE SENSITIVE STYLUS
USA	₩	61/859,316	29 JULY 2013	MULTI-TOUCH SENSOR
USA	_	61/899,933	5 NOVEMBER 2013	SYSTEM AND METHOD FOR DETECTION WITH A CAPACITIVE BASED DIGITIZER SENSOR
USA	•	61/714,246	16 OCTOBER 2012	DIGITIZER SYSTEM WITH STYLUS

TUSA		61/696,445	4 SEPTEMBER	COMPUTER AND
			2012	METHOD FOR
				OPERATION
				THEREOF
USA		61/730,072	27 NOVEMBER	SYSTEM AND
			2012	METHOD FOR
				DETECTION WITH
				A CAPACITIVE
				BASED DIGITIZER
				SENSOR
USA	*	61/745,608	23 DECEMBER	A COMPUTER AND
			2012	A METHOD FOR
				OPERATION
				THEREOF
USA	*	61/825,118	20 MAY 2013	PRESSURE
		•		SENSITIVE STYLUS
				FOR A DIGITIZER
USA	*	61/876,882	12 SEPTEMBER	DIGITIZER,
		•	2013	STYLUS AND
				METHOD OF
				SYNCHRONIZATIO
				N THEREWITH
USA	<u>.</u>	61/921,548	30 DECEMBER	PALMPRINT
			2013	RECOGNITION
USA		61/935,390	4 FEBRUARY 2014	REGULAR AND
				PASSIVE PEN
USA	~	61/943,378	23 FEBRUARY	REGULAR AND
			2014	PASSIVE PEN
USA	*	61/972,433	31 MARCH 2014	STYLUS AND
				METHOD OF
				TRANSFERRING
				INFORMATION
USA	· ·	62/002,864	25 MAY 2014	STYLUS AND
				METHOD OF
				TRANSFERRING
				INFORMATION
USA	· A	62/012,435	16 JUNE 2014	SYSTEM AND
				METHOD FOR
				SYNCHRONIZING
				COMPUTING
				DEVICES

TUSA	**	62/015,577	23 JUNE 2014	SYSTEM AND
CDFL	-	02/013,377	200000000000000000000000000000000000000	METHOD FOR
				DETECTION WITH
				A CAPACITIVE
				BASED DIGITIZER
				SENSOR
USA	***************************************	62/060,582	7 OCTOBER 2014	METHOD FOR
USA	•	02/000,382	/ OCTOBER 2014	IDENTIFYING
				TOUCH ON A
				TOUCH SCREEN
USA		62/060,584	7 OCTOBER 2014	A DIGITIZER
USA	•	02/000,384	/ OCTOBER 2014	SENSOR
USA		62/060,632	7 OCTOBER 2014	STYLUS
USA	~	02/000,032	7 OCTOBER 2014	COMMUNICATION
				WITH A DIGITIZER
				SYSTEM
TISA		62/088,604	7 DECEMBER 2014	A STYLUS FOR
One	•	02/080,504	7 10200104104104104104104104	OPERATING A
				DIGITIZER SYSTEM
USA	œ	62/088,609	7 DECEMBER 2014	A STYLUS FOR
5021		02/000,007	7 ADADOLATINA MARIA	OPERATING A
				DIGITIZER SYSTEM
USA		62/089,283	9 DECEMBER 2014	FREQUENCY
		,		MODULATION IN
				TOUCH SYSTEMS
USA	0	62/099,524	4 JANUARY 2015	ACTIVE STYLUS
				CIMMUNICATION
				[SIC]
USA	*	62/099,525	4 JANUARY 2015	ACTIVE STYLUS
				CIMMUNICATION
<u> </u>				[SIC]
USA	ai)	62/099,526	4 JANUARY 2015	ACTIVE STYLUS
				CIMMUNICATION
				[SIC]
USA		61/926,330	12 JANUARY 2014	A DIGITIZER
	***************************************			SYSTEM
USA		29/337,582	26 MAY 2009	(UNKNOWN)
USA	**	62/074,098	3 NOVEMBER	A STYLUS FOR
			2014	OPERATING A
				DIGITIZER SYSTEM
USA	*	62/075,286	5 NOVEMBER	STYLUS FOR
			2014	OPERATING A
1				DIGITZIER [SIC]
1				SYSTEM

Continuation of USSN: 14/201,994

## ASSIGNMENT OF PATENTS AND APPLICATIONS

USA	-	62/080,341	16 NOVEMBER 2014	SYSTEM AND METHOD FOR DETECTING WITH A DIGITIZER
USA	-	62/108,083	27 JANUARY 2015	A METHOD AND APPARATUS FOR INPUTTING INFORMATION WITH A TOUCH SCREEN
USA		62/150,855	22 APRIL 2015	A STYLUS FOR OPERATING A DIGITIZER SENSOR

PATENT REEL: 037512 FRAME: 0451

**RECORDED: 01/19/2016**