# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3249013

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
VINIT SINGH	10/11/2011
CHRISTINE A FRYSZ	10/06/2011
MATTHEW GEARY	10/07/2011
EITAN BABCOCK	10/11/2011
JUSTIN DERBAS	10/12/2011

### RECEIVING PARTY DATA

Name:	NUCURRENT, INC.
Street Address:	200 S. WACKER DRIVE
Internal Address:	FLOOR 15
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60606

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

Property Type	Number	
Application Number:	14059044	

### **CORRESPONDENCE DATA**

Fax Number: (312)984-7700

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: 3123722000

mweipdocket@mwe.com, mkozawa@mwe.com Email:

MCDERMOTT WILL & EMERY **Correspondent Name:** 227 W MONROE STREET Address Line 1: Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	084624-0048
NAME OF SUBMITTER:	BRAD A. WILSON
SIGNATURE:	/Brad A. Wilson/
DATE SIGNED:	03/03/2015

**Total Attachments: 13** 

**PATENT REEL: 035076 FRAME: 0618** 

503202398

source=080624-0020 Assignment As Filed#page1.tif
source=080624-0020 Assignment As Filed#page2.tif
source=080624-0020 Assignment As Filed#page3.tif
source=080624-0020 Assignment As Filed#page4.tif
source=080624-0020 Assignment As Filed#page5.tif
source=080624-0020 Assignment As Filed#page6.tif
source=080624-0020 Assignment As Filed#page7.tif
source=080624-0020 Assignment As Filed#page8.tif
source=080624-0020 Assignment As Filed#page9.tif
source=080624-0020 Assignment As Filed#page10.tif
source=080624-0020 Assignment As Filed#page11.tif
source=080624-0020 Assignment As Filed#page12.tif
source=080624-0020 Assignment As Filed#page13.tif

PATENT REEL: 035076 FRAME: 0619

# **ASSIGNMENT**

Application No.: 13/233,686 Filed: September 15, 2011

IN CONSIDERATION of good and valuable considerations, the receipt of which is hereby acknowledged, the entire right, title and interest in the invention or improvements of the undersigned in "METHOD FOR MANUFACTURE OF MULTI-LAYER WIRE STRUCTURE FOR HIGH EFFICIENCY WIRELESS COMMUNICATION" and in the application for Letters Patent of the United States therefor, executed by the undersigned on the date indicated herewith and in any reissue or extension of any Letters Patent that may be granted upon said application are hereby assigned by the undersigned to NuCurrent, Inc., an Illinois corporation, at 200 S. Wacker Drive, Floor 15, Chicago, Illinois 60606, US and the successors, legal representatives and assigns of NuCurrent, Inc (hereinafter collectively called said Assignee), and the Commissioner of Patents is hereby authorized and requested by the undersigned to issue said Letters Patent to said Assignee.

FOR SAID CONSIDERATIONS it is hereby agreed by the undersigned, upon the request of said Assignee, to execute any necessary and proper oaths or affidavits relating to said application or required for the filing or prosecution of any divisional, continuation or continuation-in-part application thereof or for the filing or prosecution of any application for the reissue or extension of any Letters Patent that may be granted on said invention or improvements that said Assignee may deem necessary or expedient, and for the said consideration it is further agreed by the undersigned, upon the request of said Assignee, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in interference, to cooperate to the best of the ability of the undersigned with said Assignce in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, and further to perform, upon such request, any and all affirmative acts to obtain said Letters Patent and vest all rights therein hereby conveyed in the said Assignee as fully and entirely as the same would have been held and enjoyed by the undersigned if this Assignment and sale had not been made. And for the said considerations the entire right, title and interest in said invention or improvements, including all priority rights, and the right to claim priority rights and the privileges and benefits thereof, including those under the International Convention, and all other conventions, and the right to file applications for design patent in said Assignee's own name for said invention or improvements in each and every country of the world are hereby Assigned and granted by the undersigned to said Assignee. It is further agreed by the undersigned, upon the request of said Assignee, to execute any and all documents that shall be required of the undersigned to be executed in connection with any and all applications for foreign letters design patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and design patents in said Assignee. The attorneys of record in said application for design patent are hereby authorized and requested by the undersigned to insert in this Assignment the date and Serial Number thereof in the places provided therefor.

Vinit Singh 10/11/11
Date

STATE OF TEXAS

COUNTY OF Travis

On (1), 2011. Vinit Singh appeared before me, a notary public in and for the state and county aforesaid, and acknowledged that he freely and voluntarily subscribed and executed the foregoing Assignment for the purposes and uses therein expressed.

Notary Public

[SEAL]

FELIPE R CHAVEZ
Notary Public, State of Texas
My Commission Expires
June 10, 2015

## **ASSIGNMENT**

Application No.: 13/233,686

Filed: September 15, 2011

IN CONSIDERATION of good and valuable considerations, the receipt of which is hereby acknowledged, the entire right, title and interest in the invention or improvements of the undersigned in "METHOD FOR MANUFACTURE OF MULTI-LAYER WIRE STRUCTURE FOR HIGH EFFICIENCY WIRELESS COMMUNICATION" and in the application for Letters Patent of the United States therefor, executed by the undersigned on the date indicated herewith and in any reissue or extension of any Letters Patent that may be granted upon said application are hereby assigned by the undersigned to NuCurrent, Inc., an Illinois corporation, at 200 S. Wacker Drive, Floor 15, Chicago, Illinois 60606, US and the successors, legal representatives and assigns of NuCurrent, Inc (hereinafter collectively called said Assignee), and the Commissioner of Patents is hereby authorized and requested by the undersigned to issue said Letters Patent to said Assignee.

		Vinit Singh	Date
STATE OF ILLINOIS	)	vinit Stign	Date
COUNTY OF	) ss )		
Onaforesaid, and acknowledged purposes and uses therein exp	d that he freely an	it Singh appeared before me, a notary pu d voluntarily subscribed and executed	blic in and for the state and county the foregoing Assignment for the
Notary Public			
[SEAL]			

. ₩		01		, .
Xlen Inh		Christine A. Frysz	L Tuyay	10/6/2011 Date
)	e.		-	Buc
COUNTY OF)	•			
On Oct. County aforesaid, and acknowledged purposes and uses therein expressed.  Notary Public	2011, Christine A. Fry nat he freely and volunt	sz appeared before m arily subscribed and e	e, a notary public in executed the foregoing	n and for the state and ng Assignment for th
MICHAEL F. [SEAL] Motary Public, State No. 02SC6 Qualified in E Commission Exp	Of New York			
STATE OF ILLINOIS )		Matthew Geary	aglimani dini firmi e ti zashira i kamani maraya dipinal ngayaniyaya	Date
COUNTY OF )	i			
county aforesaid, and acknowledged t purposes and uses therein expressed.	at the freely and volume	urry subscribed and e	xecuted the foregon	g Assignment for the
[SEAL]			,	
	,	Eitan Babcock	The state of the s	Dete
STATE OF ILLINOIS		Entail Dautock		Date
COUNTY OF) s				
On, county aforesaid, and acknowledged the purposes and uses therein expressed.	2011, Eitan Babcock a at he freely and volunta	ppeared before me, a rily subscribed and ex	a notary public in a secuted the foregoin	and for the state and g Assignment for the
Notary Public	***************************************			
[SEAL]				

Assignment

Attorney Docket No. 84624-020

Assignment Attorney Docket No. 84624-0	)20		
		Justin Derbas	Det
STATE OF ILLINOIS	)	Justin Derdas	Date
COUNTY OF	) ss )		
On	, 2011, Justin D	erbas appeared before me, a notary pul	blic in and for the state and county
aforesaid, and acknowledged purposes and uses therein exp	d that he freely and vo	pluntarily subscribed and executed the	ne foregoing Assignment for the
Notary Public			
[SEAL]			
(DM TIP 70221701 1 084624 0020			

### ASSIGNMENT

Application No.: 13/233,686

Filed: September 15, 2011

IN CONSIDERATION of good and valuable considerations, the receipt of which is hereby acknowledged, the entire right, title and interest in the invention or improvements of the undersigned in "METHOD FOR MANUFACTURE OF MULTI-LAYER WIRE STRUCTURE FOR HIGH EFFICIENCY WIRELESS COMMUNICATION" and in the application for Letters Patent of the United States therefor, executed by the undersigned on the date indicated herewith and in any reissue or extension of any Letters Patent that may be granted upon said application are hereby assigned by the undersigned to NuCurrent, Inc., an Illinois corporation, at 200 S. Wacker Drive, Floor 15, Chicago, Illinois 60606, US and the successors, legal representatives and assigns of NuCurrent, Inc (hereinafter collectively called said Assignee), and the Commissioner of Patents is hereby authorized and requested by the undersigned to issue said Letters Patent to said Assignee.

		Vinit Singh	Date
STATE OF ILLINOIS	)	J	
	) ss		
COUNTY OF	)		
On	, 2011, Vir	nit Singh appeared before me, a notary pub	olic in and for the state and county
aforesaid, and acknowledged purposes and uses therein exp	i that he freely ar	nd voluntarily subscribed and executed t	he foregoing Assignment for the
Notary Public			
[SEAL]			

STATE OF ILLINOIS	)	Christine A. Frysz	Date
COUNTY OF	) ss )		
On county aforesaid, and acknow purposes and uses therein exp	, 2011, Chr vledged that he free ressed.	ristine A. Frysz appeared before me, a notary judy and voluntarily subscribed and executed the	public in and for the state and foregoing Assignment for the
Notary Public			
[SEAL]			
STATE OF ILLINOIS  COUNTY OF	) ) ss )	Matthew Geary	10/7/201/ Date
On October 7 county aforesaid, and acknow purposes and uses therein exp  **Model Automatical Control of the County Public**  Notary Public**	ledged that he freel ressed.	tthew Geary appeared before me, a notary program of the valuation of the control	ublic in and for the state and foregoing Assignment for the
[SEAL]			
		Eitan Babcock	Date
STATE OF ILLINOIS	) ) ss	Didli Dabever	Date
COUNTY OF	)		
On county aforesaid, and acknow purposes and uses therein expr	, 2011, Eitz ledged that he freely ressed.	an Babcock appeared before me, a notary pu y and voluntarily subscribed and executed the	blic in and for the state and foregoing Assignment for the
Notary Public			

Assignment

[SEAL]

Attorney Docket No. 84624-020

		Justin Derbas	Date
STATE OF ILLINOIS	)		
COUNTY OF	) ss )		
Onaforesaid, and acknowledg purposes and uses therein ex	ed that he freely and	Derbas appeared before me, a notary put voluntarily subscribed and executed the	plic in and for the state and count ne foregoing Assignment for the
Notary Public			
[SEAL]			
DM_US 30321391-1.084624.0020			

Assignment

Attorney Docket No. 84624-020

# **ASSIGNMENT**

Application No.: 13/233,686 Filed: September 15, 2011

IN CONSIDERATION of good and valuable considerations, the receipt of which is hereby acknowledged, the entire right, title and interest in the invention or improvements of the undersigned in "METHOD FOR MANUFACTURE OF MULTI-LAYER WIRE STRUCTURE FOR HIGH EFFICIENCY WIRELESS COMMUNICATION" and in the application for Letters Patent of the United States therefor, executed by the undersigned on the date indicated herewith and in any reissue or extension of any Letters Patent that may be granted upon said application are hereby assigned by the undersigned to NuCurrent, Inc., an Illinois corporation, at 200 S. Wacker Drive, Floor 15, Chicago, Illinois 60606, US and the successors, legal representatives and assigns of NuCurrent, Inc (hereinafter collectively called said Assignee), and the Commissioner of Patents is hereby authorized and requested by the undersigned to issue said Letters Patent to said Assignee.

		Vinit Singh	Date
STATE OF ILLINOIS	)	<u>u</u>	
	) ss		
COUNTY OF			
Onaforesaid, and acknowledge purposes and uses therein exp	d that he freely and	Singh appeared before me, a notary pul voluntarily subscribed and executed t	olic in and for the state and county the foregoing Assignment for the
Notary Public	renny mpy granus and arrival encourage and appelled mystelf A Papl PA		

OTEATE OF HEADIO	`	Christine A. Frysz	Date
STATE OF ILLINOIS	) ) ss		
COUNTY OF	)		
On	d that he freely ar	e A. Frysz appeared before me, a notary d voluntarily subscribed and executed the	public in and for the state and the foregoing Assignment for the
Notary Public	Annual Households		
[SEAL]			
STATE OF ILLINOIS	)	Matthew Geary	Date
COUNTY OF	) ss )		
On	d that he freely ar	w Geary appeared before me, a notary d voluntarily subscribed and executed the	ne foregoing Assignment for th
[SEAL]			
		Eitan Babcock	to/11/11 Date
STATE OF MISSOURI  COUNTY OF 57. LOGIC S	) ) ss )		
On OCTOBER // county aforesaid, and acknowledge purposes and uses therein expresse  Mosaga, of Ca Notary Public	ed that he freely ar	Babcock appeared before me, a notary id voluntarily subscribed and executed the	public in and for the state an he foregoing Assignment for th
Notary Public - Notary Seal State of Missourl Commissioned for St. Louis City My Commission Expires: Nov. 28, 2			

Assignment Attorney Docket No. 84624-020

Page 2 of 3

Assignment Attorney Docket No. 84624-020		
•		
	Justin Derbas	Date
STATE OF ILLINOIS		
COUNTY OF) ss )		
On , 2011, Just aforesaid, and acknowledged that he freely a purposes and uses therein expressed.	stin Derbas appeared before me, a notary pul and voluntarily subscribed and executed the	olic in and for the state and county ne foregoing Assignment for the
Notary Public		
[SEAL]		
DM 1/2 2022/2011 084/24 0020		

## **ASSIGNMENT**

Application No.: 13/233,686

Filed: September 15, 2011

IN CONSIDERATION of good and valuable considerations, the receipt of which is hereby acknowledged, the entire right, title and interest in the invention or improvements of the undersigned in "METHOD FOR MANUFACTURE OF MULTI-LAYER WIRE STRUCTURE FOR HIGH EFFICIENCY WIRELESS COMMUNICATION" and in the application for Letters Patent of the United States therefor, executed by the undersigned on the date indicated herewith and in any reissue or extension of any Letters Patent that may be granted upon said application are hereby assigned by the undersigned to NuCurrent, Inc., an Illinois corporation, at 200 S. Wacker Drive, Floor 15, Chicago, Illinois 60606, US and the successors, legal representatives and assigns of NuCurrent, Inc (hereinafter collectively called said Assignee), and the Commissioner of Patents is hereby authorized and requested by the undersigned to issue said Letters Patent to said Assignee.

		Vinit Singh	Date
STATE OF ILLINOIS	)	ű	
	) ss		
COUNTY OF	)		
Onaforesaid, and acknowledged purposes and uses therein exp	d that he freely an	it Singh appeared before me, a notary pub d voluntarily subscribed and executed the	
Notary Public	NAL ALLEN STATEMENT STATEMENT STATEMENT		
[SEAL]			

Assignment Attorney Docket No. 84624-	020		
STATE OF ILLINOIS	)	Christine A. Frysz	Date
COUNTY OF	) ss		
COUNTY OF			
On	wledged that he freely	tine A. Frysz appeared before me, a notar and voluntarily subscribed and executed t	y public in and for the state and he foregoing Assignment for the
Notary Public	manay makang adan adah di adah karan sa gara ada karan kangan sa		
[SEAL]			
STATE OF ILLINOIS	)	Matthew Geary	Date
COUNTY OF	) ss )		
		Come amaged before me a notam	multiplie and for the state and
county aforesaid, and acknown purposes and uses therein exp	vledged that he freely	new Geary appeared before me, a notary and voluntarily subscribed and executed t	he foregoing Assignment for the
Notary Public			
[SEAL]			
		Eitan Babcock	Date
STATE OF ILLINOIS	) 50		
COUNTY OF	) ss )		
On	vledged that he freely	Babcock appeared before me, a notary and voluntarily subscribed and executed t	public in and for the state and he foregoing Assignment for the
Notary Public			
[SEAL]			,

Page 3 of 4

Assignment
Attorney Docket No. 84624-020

STATE OF ILLINOIS

On Old 12, 2011, Justin Derbas appeared before me, a notary public in and for the state and county aforesaid, and acknowledged that he freely and voluntarily subscribed and executed the foregoing Assignment for the purposes and uses therein expressed.

Notary Piblic

OFFICIAL SEAL
ZENAIDA FORMAN
BEASTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES 11/30/13

DM\_US 30321391-1.084624.0020