# 506910059 10/07/2021

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6956884

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CHANGE OF NAME

### **CONVEYING PARTY DATA**

Name	Execution Date
THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK	06/19/2012

# **RECEIVING PARTY DATA**

Name:	THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK
Street Address:	P.O. BOX 6000
City:	BINGHAMTON
State/Country:	NEW YORK
Postal Code:	13902-6000

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16913745

## **CORRESPONDENCE DATA**

**Fax Number:** (312)321-4299

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:** 3123214719

Email: USAssignments@crowell.com, lhedl@crowell.com

Correspondent Name: JOSEPH F. HETZ

Address Line 1: CROWELL & MORING LLP

Address Line 2: P.O. BOX 10395

Address Line 4: CHICAGO, ILLINOIS 60610

ATTORNEY DOCKET NUMBER:	516764.5000073
NAME OF SUBMITTER:	JOSEPH F. HETZ
SIGNATURE:	/Joseph F. Hetz/
DATE SIGNED:	10/07/2021

#### **Total Attachments: 16**

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PATENT 506910059 REEL: 057747 FRAME: 0500

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# THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK

### AMENDMENT OF CHARTER

This Instrument Witnesseth That the Board of Regents for and on behalf of the Education Department of the State of New York at their meeting of June 19, 2012.

An application having been made by and on behalf of the directors of The Research Foundation of State University of New York, for its absolute charter to be amended, it was

<u>Voted</u>, that the absolute charter in the first instance of The Research Foundation of State University of New York, located in the city and county of Albany, state of New York, which was incorporated by action of the Board of Regents on February 16, 1951; which absolute charter was amended on various occasions with the last amendment being on October 18, 2011 be, and the same hereby is,

- (1) Amended to change the corporate name to "The Research Foundation for The State University of New York".
- (2) Amended to revise the paragraph beginning "The number of directors..." to read as follows:

The number of directors shall be not less than thirteen (13) nor more than seventeen (17), the number of directors to be determined from time to time by resolution of a majority of the entire board of directors. The board shall have power to adopt by-laws, including provisions setting forth the term of office and manner of election of the directors.

(3) Amended to add the following language:

The corporation shall be a nonstock corporation organized and operated exclusively for educational purposes, as defined in section 501(c)(3) of the Internal Revenue Code of 1986 (or the corresponding provision of any future Federal tax code), and no part of the net earnings or net income shall inure to the benefit of any member, trustee, director or officer of the corporation, or any private individual (except that reasonable compensation may be paid for services rendered to or for the corporation), and no member, trustee, director or officer of the corporation, or any private individual, shall be entitled to share in the distribution of any of the corporate assets upon dissolution of the corporation.

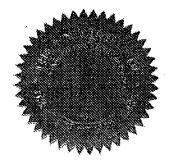
Notwithstanding any other provision of this charter, the corporation shall not carry on any other activities not permitted to be carried on (a) by a corporation exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code of 1986 (or the corresponding provision of any future Federal tax code) or by (b) by a corporation, contributions to which are deductible under section 170(c)(2) of the Internal Revenue Code of 1986 (or the corresponding provision of any future United States Internal Revenue Law).

No substantial part of the activities of the corporation shall be devoted to carrying on propaganda, or otherwise attempting to influence legislation (except to the extent authorized by Internal Revenue Code section 501(h) as amended, or the corresponding provision of any future Federal tax

code, during any fiscal year or years in which the corporation has chosen to utilize the benefits authorized by the statutory provision), and the corporation shall not participate in or intervene (including the publishing or distribution of statements) in any political campaign on behalf of or in opposition to any candidate for public office.

(4) and amended to replace paragraph 6. of the charter beginning "Upon dissolution of the corporation,..." to read as follows:

In the event of the liquidation, dissolution, or winding up of the corporation, whether voluntary or involuntary or by operation of law, all of the remaining assets and property of the corporation shall after necessary expense thereof be distributed to the State University of New York or to one or more organizations which are then qualified under section 501(c)(3) of the Code to be used in such manner as in the judgment of the board of directors will best accomplish the general purposes for which this corporation was formed.



Nevyl # Lice

Granted, June 19, 2012, by the Board of Regents of The University of the State of New York, for and on behalf of the State Education Department, and executed under the seal of said University and recorded as Number 25,683.

Chancellor

resident of the University and Commissioner of Education

**REEL: 057747 FRAME: 0503** 

Title  LOSSLESS EMBEDDING OF DATA IN DIGITAL OBJECTS SYSTEM AND METHOD FOR REDUCING POWER REQUIREMENTS OF MICROPROCESSORS	US Cty	Status	AppiMumber 09/977,443	Filing Date PatNun 15-Oct-2001 7,006,656	PatNumber 7,006,656 7,219,249	Issue Date 28-Feb-2006
HIGH-ORDER DIRECTIONAL MICROPHONE DIAPHRAGM	US	Issued	10/691,059	22-Oct-2003 6, 963, 653	6,963,653	08-Nov-2005
MEMS SWITCH TRIGGERED BY SHOCK AND/OR ACCELERATION	SU	penss	11/448,413	07-Jun-2006 7,493,815	7,493,815	24-Feb-2009
RELIABLE SWITCH THAT IS TRIGGERED BY THE DETECTION OF A SPECIFIC GAS OR SUBSTANCE	SU	Issued	12/043,871	06-Mar-2008 8,168.	8,168,120	01-May-2012
RELIABLE SWITCH THAT IS TRIGGERED BY THE DETECTION OF A SPECIFIC GAS OR SUBSTANCE	S	ssued	13/447,361	16-Apr-2012 8,501,097	l~~ 1	06-Aug-2013
SYSTEM AND METHOD FOR SECURITY AND PRIVACY AWARE VIRTUAL MACHINE CHECKPOINTING	US	Pending	14/040,820	30-Sep-2013		
HIGH-BISMUTH ALLOY SOLDERS FOR POWER ELECTRONICS	S	Pending	61/831,504	05-Jun-2013		

LOSSLESS EMBEDDING OF DATA IN DIGITAL OBJECTS	SITE-SPECIFIC ORTHOGONAL LABELING OF THE CARBOXY TERMINUS OF BETA-TUBLIN IN LIVE CELLS	HIGH-THROUGHPUT ASSAY FOR SCREENING MODULATORS OF ALPHA- TUBLIN TYROSINATION	GANG MIGRATION OF VIRTUAL MACHINES USING CLUSTER-WIDE DEDUPLICATION	COMPOSITIONS AND METHODS FOR RECOGNITION OF RNA USING TRIPLE HELICAL PEPTIDE NUCLEIC ACIDS	HINGED MEMS DIAPHRAGM AND METHOD OF MANUFACTURE THEREOF	PATTERN CHANGE DISCOVERY BETWEEN HIGH DIMENSIONAL DATA SETS	PASTES FOR THERMAL, ELECTRICAL AND MECHANICAL BONDING	Title
SU	SU	us	Us	SU	US	US	S	Cty
Issued	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Status
11/292,740	61/830,319	61/759,932	61/750,450	61/719,691	14/039,149	14/060,743	61/786,893	AppiNumber
02-Dec-2005 7,239,7	03-Jun- <u>201</u> 3	01-Feb-2013	09-Jan-2013	29-Oct-2012	27-Sep-2013	23-Oct-2013	15-Mar-2013	Filing Date
7,239,717								PatNumber
03-Jul-2007								Issue Date

LINEAR SYSTEM BASED,  QUALITATIVE INDEPENDENT  MOTION DETECTION FROM  COMPRESSED MPEG  US Issued 12/569,828 29-Se	OM US Issued 10/364,011	R THE EFINS AR AR PHA- US Issued 10/321,147	AN US Issued 10/689,189	DIFFERENTIAL MICROPHONE US Issued 09/920,664 01-Au	2,793	PCT/US2013/03 WO Pending 2238	METHODS OF PRETREATING  COMMINUTED CELLULOSIC  MATERIAL WITH CARBONATE- CONTAINING SOULUTIONS  US Issued 12/933,185 29-No	Cty Status ApplNumber
29-Sep-2009 8,164,	12-Feb-2003 7,595,817	18-Dec-2002 6,743,872	20-Oct-2003 7.876,924	01-Aug-2001 6,788.	15-Mar-2013	15-Mar-2013	29-Nov-2010 8,303,767	Filing Date
98,164,629	3 7,595,817	26,743,872	3 7.876,924	16,788,796			)8,303,767	PatNumber
24-Apr-2012	29-Səp-2009	01-Jun-2004	25-Jan-2011	07-Sep-2004			06-Nov-2012	issue Date

Title	Ş	Status	ApplNumber	Filing Date	PatNumber	Issue Date
LINEAR SYSTEM BASED, QUALITATIVE INDEPENDENT MOTION DETECTION FROM COMPRESSED MPEG	င်း	Pending	13/448,519	17-Apr-2012		
NANO-STRUCTURE ENHANCEMENTS FOR ANISOTROPIC CONDUCTIVE ADMESIVE AND THERMAL	S	Issued	10/402,293	31-Mar-2003 7,645,512	7,645,512	12-Jan-2010
NANO-STRUCTURE ENHANCEMENTS FOR ANISOTROPIC CONDUCTIVE ADHESIVE AND THERMAL	SU	Issued	12/686.224	12-Jan-2010 8,173,260	8,173,260	08-May-2012
NANO-STRUCTURE ENHANCEMENTS FOR ANISOTROPIC CONDUCTIVE MATERIAL AND THERMAL	S	Issued	12/686,236	12-Jan-2010 8,518,304	8,518,304	27-Aug-2013
SURFACE COATING FOR	SU	Issued	10/785,887	23-Feb-2004 7, 282, 254	7,282,254	16-Oct-2007
A METHOD OF  MANUFACTURING SURFACE  COATINGS FOR ELECTRONIC  SYSTEMS	US	Issued	11/622,964	05-Mar-2007 8,158,201	8,158,201	17-Apr-2012
SURFACE COATING FOR	SU	Pending	13/447,456	16-Apr-2012		
HIERARCHICAL STATIC SHADOW DETECTION METHOD US	US	Issued	10/782,230	19-Feb-2004 7,366,323	7,366,323	29-Apr-2008

METHOD US   Issued   12/911,485   25-Oct-2010 7,970,168   28-Jun-2011	HIERARCHICAL STATIC SHADOW DETECTION METHOD HIERARCHICAL STATIC SHADOW DETECTIONS FOR COLOR AERIAL IMAGES  COMB SENSE MICROPHONE  COMB SENSE MICROPHONE  COMB SENSE MICROPHONE FILE SYSTEM HAVING PREDICTABLE REAL-TIME PERFORMANCE  RELIABLE DETECTION OF LSB
Cty Status ApplNumber Filing Date PatNumber Issue Date	Title

MEMS SWITCH TRIGGERED BY SHOCK AND/OR ACCELERATION US	OPTICAL SENSING IN A DIRECTIONAL MEMS MICROPHONE US	OPTICAL SENSING IN A DIRECTIONAL MEMS MICROPHONE US	METHOD AND APPARATUS FOR IDENTIFYING AN IMAGING US	METHOD AND APPARATUS FOR IDENTIFYING AN IMAGING US	SYSTEM AND METHOD FOR IMAGE ANNOTATION AND MULTI-MODAL IMAGE RETRIEVAL USING US	SYSTEM AND METHOD FOR IMAGE ANNOTATION AND MULTI-MODAL IMAGE RETRIEVAL USING	SYSTEM AND METHOD FOR IMAGE ANNOTATION AND MULTI-MODAL IMAGE US	
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Issued	ssued	Issued	Issued	ssued	Pending	Issued	ssued	Status
12/371,535	12/911,449	11/335,137	11/437,176	11/305,611	13/486,099	12/903,099	11/626,835	ApplNumber
13-Feb-2009 8,256,	25-Oct-2010 8,503	19-Jan-2006 7,826,629	19-May-2006 7,616	16-Dec-2005 7,787,	01-Jun-2012	12-Oct-2010 8,204,842	24-Jan-2007 7,814,040	Filing Date
8,256,291	8,503,701	7,826,629	7,616,237	7,787,030		8,204,842	7,814,040	PatNumber
04-Sep-2012	06-Aug-2013	02-Nov-2010	10-Nov-2009	31-Aug-2010		19-Jun-2012	12-Oct-2010	Issue Date

MEMS SWITCH TRIGGERED BY SHOCK AND/OR ACCELERATION  DETERMINING WHETHER OR NOT A DIGITAL IMAGE HAS BEEN TAMPERED WITH  DETERMINING WHETHER OR NOT A DIGITAL IMAGE HAS BEEN TAMPERED WITH  SURFACE MICROMACHINED DIFFERENTIAL MICROPHONE  SURFACE MICROMACHINED DIFFERENTIAL MICROPHONE	CN US US CA	Status Pending Published Issued	ApplNumber 13/602,456 11/437,187 11/343,564 11/343,564 2007800040702	Filing Date Pat  04-Sep-2012  19-May-2006 8,160  16-Apr-2012  16-Apr-2006 7,992  31-Jan-2007 2  2L 20078	PatNumber 8,160,293 8,1992,283 7,992,283 7,992,283 7,992,283 7,992,283
MEMS SWITCH TRIGGERED BY SHOCK AND/OR ACCELERATION  DETERMINING WHETHER OR NOT A DIGITAL IMAGE HAS BEEN TAMPERED WITH  DETERMINING WHETHER OR NOT A DIGITAL IMAGE HAS BEEN TAMPERED WITH  SURFACE MICROMACHINED DIFFERENTIAL MICROPHONE  SURFACE MICROMACHINED SURFACE MICROPHONE	S R R R	Pending Issued	13/602,456 11/437,187 11/437,648 13/447,648 11/343,564 2007800040702		8,160,293 7,992,283 7L 7L 7L 7L 7L 7.992,283
SURFACE MICROMACHINED DIFFERENTIAL MICROPHONE	S	Ssued	11/343,564	31-Jan-2006	
SURFACE MICROMACHINED DIFFERENTIAL MICROPHONE	CN	Issued	2007800040702	*******************	ZL 200780004070. 2
SURFACE MICROMACHINED DIFFERENTIAL MICROPHONE	DG	Published	1120070002638 54	25-Jan-2007	
SURFACE MICROMACHINED	KR.	Pending	1020087021002	25-Jan-2007	
METHOD OF FORMING A MINATURE, SURFACE MICROSURFACED DIFFERENTIAL MICROPHONE	Cs.	ssued	13/198,113	04-Aug-2011 8,214	8,214,999

COMBINING MULTIPLE CLUSTERINGS BY SOFT CORRESPONDENCE US Issued 11/945,956 27	STANDARD BLOCK DESIGN: AN  EFFECTIVE APPROACH FOR  LARGE SCALE  FLOORPLANNING  US Issued 11/744,208 03	US Issued 13/039,994	MINATURE NON-DIRECTIONAL GB Issued 09083833 11	MINATURE NON-DRECTIONAL MR Published 1020097010172 11	MINATURE NON-DRECTIONAL DE Published 1120070024410 11	MINATURE NON-DRECTIONAL CN Issued 2007800464131 11	MINIATURE NON-DIRECTIONAL MICROPHONE US issued 11/550,702 18	Title Cty Status ApplNumber Filir
6 27-Nov-2007 8,195	8 03-May-2007 7,685	4 03-Mar-2011 8,374	11-Oct-2007	10172 11-Oct-2007	24410 11-Oct-2007	ZL 54131 11-Oct-2007 200780	18-Oct-2006 7,903,835	nber Filing Date
8,195,734	77,685,540	8,374,371	11-Oct-2007 GB2456453			ZL 2007800464131	7,903,835	PatNumber
05-Jun-2012	23-Mar-2010	12-Feb-2013	09-Feb-2011			16-Jan-2013	08-Mar-2011	Issue Date

		25-Sep-2008	12/238,351	Published	SU	PARSING
						PARALLEL APPROACH TO XML
		12-Mar-2009	12/403,013	Published	S	INTERFACE MATERIAL SYSTEM AND METHOD USING NANO- SCALE COMPONENTS
06-Mar-2012	8,129,001	12-Mar-2009 B, 129,(	12/403,033	Issued	S	COMPOSITE THERMAL INTERFACE MATERIAL SYSTEM AND METHOD USING NANO- SCALE COMPONENTS
01-Jan-2013	8 343 627	20-Feb-2008 8,343,627	12/034,155	Issued	SU	CORE-SHELL NANOPARTICLE WITH MULTIUPLE CORES AND A METHOD FOR FABRICATION THEM
		10-Jun-2009	12/482,202	Published	SU	CERAMIC THIN FILM
		22-May-2012	13/477,221	Published	SU	SPECTRAL CLUSTERING FOR MULTI-TYPE RELATIONAL DATA
22-May-2012	8,185,481	22-May-2008 8,185,481	12/125,804	Issued	SU	SPECTRAL CLUSTERING FOR
30-Jul-2013	8,499,022	21-May-2012 8,499,022	13/476,100	Issued	S	COMBINING MULTIPLE CLUSTERINGS BY SOFT CORRESPONDENCE
Issue Date	PatNumber	Filing Date	ApplNumber	Status	CtV	Title

AUTOMATIC CLUSTERING FOR SELF-ORGANIZING GRIDS	AUTOMATIC CLUSTERING FOR SELF-ORGANIZING GRIDS	AUTOMATIC CLUSTERING FOR SELF-ORGANIZING GRIDS	SYSTEM AND METHOD FOR AUTHENTICATING REMOTE EXECUTION	SYSTEM AND METHOD FOR AUTHENTICATING REMOTE EXECUTION	SYSTEM AND METHOD FOR PROBABILISTIC RELATIONAL CLUSTERING	SYSTEM AND METHOD FOR PROBABILISTIC RELATIONAL CLUSTERING	PARALLEL XML PARSING USING META-DFAS	Title
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Pending	Issued	Issued	Pending	Issued	Pending	ssued	Pending	Siatus
13/770,798	13/243,125	12/236,396	13/628,079	12/631,839	13/628,559	12/538,835	12/636,342	ApplNumber
19-Feb-2013	23-Sep-20118,380,846	23-Sep-2008 8,041,7	27-Sep-2012	06-Dec-2009 8,285,999	27-Sep-2012	10-Aug-2009 8,285,7	11-Dec-2009	Filing Date
	8,380,846	8,041,773		8,285,999		8,285,719		PatNumber
	19-Feb-2013	18-Oct-2011		09-Oct-2012		09-Oct-2012		Issue Date

Cty         Status         ApplNumber         File           DIA         US         Issued         12/538,845         1           DIA         US         Issued         13/903,018         2           CC         US         Issued         12/538,849         1           IC         US         Issued         12/538,849         1           IMS         US         Pending         12/628,142         3           FOR         US         Issued         12/628,157         3           FOR         US         Issued         12/841,154         3           FOR         US         Issued         12/841,154         3           FOR         US         Issued         12/841,154         3           Port         IS         Issued         12/841,154         3			21-Jul-2010	12/841,160	Pending	US	THEREFOR
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DIA         Cty         Status         ApplNumber         Filing Date         PatNumber         I           DIA         US         Issued         12/538,845         10-Aug-2009 8,463,053         I           DIA         US         Published         13/903,018         28-May-2013         I           US         Issued         12/538,849         10-Aug-2009 8,527,432         I					•		METHOD AND PATTERN OF
Cty         Status         AppliNumber         Filing Date         PatNumber           DIA         US         Issued         12/538,845         10-Aug-2009 8,463,053           DIA         US         Published         13/903,018         28-May-2013           US         Published         13/903,018         28-May-2013	03-Sep-2013	8,527,432	10-Aug-2009	12/538,849	Issued	SU	REGULARIZATION
City         Status         AppliNumber         Filing Date         PatNumber         Is           DIA         US         Issued         12/538,845         10-Aug-2009 8,463,053         1           DIA         US         Published         13/903,018         28-May-2013         1							BASED ON SEMIPARAMETRIC
City         Status         AppliNumber         Filing Date         PatNumber         Is           DIA         US         Issued         12/538,845         10-Aug-2009 8,463,053         1           DIA         US         Published         13/903,018         28-May-2013         1							SEMI-SUPERVISED LEARNING
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ENERGY AWARE PROCESSING LOAD DISTRIBUTION SYSTEM AND METHOD	S	Pending	12/841,169	21~Jul-2010		
LARGE SCALE MORPHOGENIC MATERIALS	us	Pending	61/347,005	21-May-2010		
SECURE DISTRIBUTED STORAGE SYSTEM AND METHOD	SU	Published	12/985,488	06-Jan-2011		
CATALYTIC PLATINUM AND ITS 3D-TRANSITION-METAL ALLOY NANOPARTICLES	US	Published	12/953,419	23-Nov-2010		
CATALYTIC PLATINUM-COPPER ALLOW NANOPARTICLES	S	Published	12/953,422	24-Nov-2010		
SYSTEM AND METHOD FOR EFFICIENT HORIZONTAL MAXIMUM DISTANCE SEPARABLE RAID	SU	lssued	13/084,205	11-Apr-2011 8,522;	8,522,125	27-Aug-2013
SYSTEM AND METHOD FOR OPTIMAL DECODING OF ROW DIAGONAL PARADY CODES	S	Pending	61/365,075	16-Jul-2010		
EXTENDED ROW DIAGONAL PARITY WITH OPTIMAL DECODING PROCEDURE	US	Pending	13/182,665	14-Jul-2011		

SURFACE MICROMACHINED DIFFERENTIAL MICROPHONE US	VALIDATION OF PROGRAM EXECUTION: A PRACTICAL APPROACH US	CONTINUOUS RUN-TIME VALIDATION OF PROGRAM EXECUTION: A PRACTICAL APPROACH US	KNOWLEDGE DISCOVERY FROM CITATION NETWORKS US	HAND POINTING ESTIMATION FOR HUMAN COMPUTER INTERACTION US	Title
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ssued	Pending	Pending	Pending	Pending	Status
12/162,992	14/027,362	14/027,352	13/310,098	13/571,645	ApplNumber
31-Jul-2008 8,276,	16-Sep-2013	16-Sep-2013	02-Dec-2011	10-Aug-2012	Filing Date
8,276,254					PatNumber
02-Oct-2012	-				Issue Date

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**RECORDED: 10/07/2021**