

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4487821

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
ENCAP HOLDING COMPANY		06/30/2017
RECEIVING PARTY DATA		
Name:	INTELLECTUAL VENTURES HOLDING 88 LLC	
Street Address:	7251 W. LAKE MEAD BLVD	
Internal Address:	STE 300	
City:	LAS VEGAS	
State/Country:	NEVADA	
Postal Code:	89128	
PROPERTY NUMBERS Total: 37		
Property Type	Number	
Patent Number:	7928348	
Patent Number:	7629716	
Patent Number:	7566999	
Patent Number:	6892439	
Patent Number:	7019422	
Patent Number:	6911166	
Patent Number:	6941640	
Patent Number:	7036207	
Patent Number:	7067952	
Patent Number:	7262527	
Patent Number:	6300695	
Patent Number:	6437464	
Patent Number:	6753628	
Patent Number:	6362554	
Patent Number:	6617721	
Patent Number:	6844636	
Patent Number:	7049715	
Patent Number:	7067944	
Patent Number:	7154200	

PATENT

Property Type	Number
Patent Number:	7683509
Patent Number:	7190548
Patent Number:	6501616
Application Number:	11167972
Application Number:	11443805
Application Number:	11635911
Application Number:	60146446
Application Number:	60172287
Application Number:	60171817
Application Number:	11615795
Application Number:	09470426
Application Number:	09470430
Application Number:	09470432
Application Number:	09470433
PCT Number:	US2002032915
PCT Number:	US2002006508
PCT Number:	US2000019870
PCT Number:	US2000034078

CORRESPONDENCE DATA

Fax Number:

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: 6173481620

Email: myyung@mintz.com

Correspondent Name: MINTZ, LEVIN, COHN, FERRIS, GLOVSKY, AND POPEO

Address Line 1: ONE FINANCIAL CENTER

Address Line 4: BOSTON, MASSACHUSETTS 02111

NAME OF SUBMITTER:	MEGAN YUNG
SIGNATURE:	/Megan Yung/
DATE SIGNED:	06/30/2017

Total Attachments: 34

source=Confirmatory Assignment#page1.tif
source=Confirmatory Assignment#page2.tif
source=Confirmatory Assignment#page3.tif
source=Confirmatory Assignment#page4.tif
source=Confirmatory Assignment#page5.tif
source=Confirmatory Assignment#page6.tif
source=Confirmatory Assignment#page7.tif
source=Confirmatory Assignment#page8.tif
source=Confirmatory Assignment#page9.tif

source=Confirmatory Assignment#page10.tif
source=Confirmatory Assignment#page11.tif
source=Confirmatory Assignment#page12.tif
source=Confirmatory Assignment#page13.tif
source=Confirmatory Assignment#page14.tif
source=Confirmatory Assignment#page15.tif
source=Confirmatory Assignment#page16.tif
source=Confirmatory Assignment#page17.tif
source=Confirmatory Assignment#page18.tif
source=Confirmatory Assignment#page19.tif
source=Confirmatory Assignment#page20.tif
source=Confirmatory Assignment#page21.tif
source=Confirmatory Assignment#page22.tif
source=Confirmatory Assignment#page23.tif
source=Confirmatory Assignment#page24.tif
source=Confirmatory Assignment#page25.tif
source=Confirmatory Assignment#page26.tif
source=Confirmatory Assignment#page27.tif
source=Confirmatory Assignment#page28.tif
source=Confirmatory Assignment#page29.tif
source=Confirmatory Assignment#page30.tif
source=Confirmatory Assignment#page31.tif
source=Confirmatory Assignment#page32.tif
source=Confirmatory Assignment#page33.tif
source=Confirmatory Assignment#page34.tif

CONFIRMATORY ASSIGNMENT OF PATENT RIGHTS

This Confirmatory Assignment of Patent Rights (this "Assignment") is made as of June 30, 2017, to confirm the assignments under the Purchase Agreement (defined below), by and between Encap Holding Company, an Illinois corporation, doing business as Encap Technologies Inc. ("Assignor") on the one hand, and Intellectual Ventures Holding 88 LLC, a Delaware limited liability company, its successors, assigns and legal representatives, (collectively "Assignee") on the other hand.

WHEREAS, pursuant to the Articles of Merger, attached hereto as Exhibit C, Encap Technologies Inc. merged into Encap Holding Company on December 31, 2008, to become one entity, formally named Encap Holding Company, and Encap Holding Company continued to do business as Encap Technologies Inc.;

WHEREAS, pursuant to the Patent Purchase Agreement ("Purchase Agreement"), dated as of October 17, 2012 ("Effective Date"), Assignor sold, transferred, assigned and conveyed to Assignee, and Assignee purchased and acquired from Assignor all provisional patent applications, patent applications and patents listed in Exhibit A and Exhibit B hereto. Exhibits B and C to the Purchase Agreement were recorded with the United States Patent and Trademark Office on November 1, 2012 at Reel No. 029228, Frames 0381-85, 0396-98);

WHEREAS, as of the Effective Date, Assignor was the owner of all right, title and interest in and to the provisional patent applications, patent applications and patents listed in Exhibit A and Exhibit B hereto;

WHEREAS, Assignee has requested that Assignor execute and deliver this Confirmatory Assignment to confirm and clarify that Encap Holding Company was doing business as Encap Technologies Inc. as of the Effective Date, and under the name Encap Technologies Inc., Encap Holding Company sold, transferred, assigned and conveyed to Assignee, and Assignee purchased and acquired from Assignor all provisional patent applications, patent applications and patents listed in Exhibit A and Exhibit B hereto, whether recorded or not recorded, as is confirmed by the Purchase Agreement; and

WHEREAS, for clarity, this Assignment is not intended to alter the terms of the Purchase Agreement, including, without limitation, the license back to Assignor of the "Patents" (as defined therein) and the obligation to pay royalties and other amounts thereunder.

NOW THEREFORE, Assignor confirms in favor of Assignee the assignments as set forth in Exhibits D and E.

IN WITNESS WHEREOF this Confirmatory Assignment of Patent Rights is executed at
ALAMEDA, CA on June 30TH, 2017.

Encap Holding Company

By: 

Name: Griffith Neal

Title: President and CEO

(Signatures must be attested)

ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. § 1746

The undersigned witnessed the signature of Griff D. Neal to the above
Confirmatory Assignment of Patent Rights on behalf of Encap Holding Company
and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this
Attestation block if called upon to do so.
2. Griff D. Neal is personally known to me (or proved to me on
the basis of satisfactory evidence) and appeared before me on June 30 2017
2017 to execute the above Confirmatory Assignment of Patent Rights on behalf of
Encap Holding Company
3. Griff D. Neal subscribed to the above Confirmatory Assignment
of Patent Rights on behalf of Encap Holding Company

I declare under penalty of perjury under the laws of the United States of America
that the statements made in the three (3) numbered paragraphs immediately above
are true and correct.

EXECUTED on June 30, 2017


Print Name: Alex Sanchez

Date: June 30th, 2017

United States of America)
State of California) ss.:
County of Alameda)

On this 30th day of June, 2017, before me
personally came Gill Neal, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

See Attached Acknowledgment

Notary Public

S. M. Ledbetter

CALIFORNIA ACKNOWLEDGMENT CERTIFICATE


A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document, to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

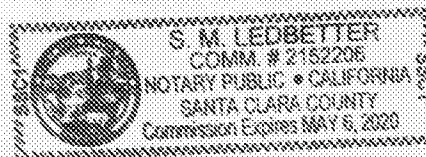
State Of: California
County Of: Alameda

On June 30th, 2017 before me, S.M Ledbetter, Notary Public,
personally appeared, Griff Neal
who proved to me on the basis of satisfactory evidence
to be the person(s) whose name(s) is/are subscribed to the within instrument and
acknowledged to me that ~~she~~/he/~~they~~ executed the same in ~~her~~/his/~~their~~ authorized
capacity(ies), and that by ~~her~~/his/~~their~~ signature(s) on the instrument the person(s), or
the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that
the foregoing paragraph is true and correct.

WITNESS my hand and official seal.


Signature: S.M. Ledbetter



Seal

Title of Document Confirmatory Assignment of Patent Rights
Total Number of Pages including Attachment: 4

Notary Commission Expiration Date: May 6, 2020

Notary Commission Number: 2152206

Exhibit A

Patent or Application No.	Country	Filing Date	Title of Patent and First Named Inventor
7928348	US	7/19/2006	Electromagnetic device with integrated fluid flow path Griffith D. Neal
7629716	US	7/19/2006	Electromagnetic device with closed heat transfer system Griffith D. Neal
7566999	US	7/19/2006	Electromagnetic device with composite structure heat transfer flow path Griffith D. Neal
6892439	US	2/1/2001	Motor with stator made from linear core preform Griffith D. Neal
7019422	US	10/20/2004	Motor with stator made from linear core preform Griffith D. Neal
6911166	US	10/17/2001	Method of encapsulating hard disc drive and other electrical components Griffith D. Neal
6941640	US	10/25/2001	Method of manufacturing a base plate for a miniature hard disc drive Griffith D. Neal
7036207	US	3/2/2001	Stator assembly made from a plurality of toroidal core segments and motor using same Griffith D. Neal
7067952	US	3/5/2003	Stator assembly made from a molded web of core segments and motor using same Griffith D. Neal
7262527	US	6/26/2006	Stator assembly made from a molded web of core segments and motor using same Griffith D. Neal
6300695	US	12/22/1999	High speed spindle motor with hydrodynamic bearings Griffith D. Neal
6437464	US	12/22/1999	Motor and disc assembly for computer hard drive Griffith D. Neal
6753628	US	12/22/1999	High speed spindle motor for disc drive Griffith D. Neal
6362554	US	12/22/1999	Stator assembly

			Griffith D. Neal
6617721	US	12/22/1999	High speed spindle motor Griffith D. Neal
6844636	US	12/15/2000	Spindle motor with encapsulated stator and method of making same Dennis K. Lieu
7049715	US	6/21/2004	High speed spindle motor for disc drive Griffith D. Neal
7067944	US	1/14/2005	Motor with encapsulated stator and method of making same Dennis K. Lieu
7154200	US	5/23/2006	Motor Griffith D. Neal
7683509	US	7/19/2006	Electromagnetic device with open, non-linear heat transfer system Griffith D. Neal

Exhibit B

Patent or Application No.	Country	Filing Date	Title of Patent and First Named Inventor
PCT/US2002/032915	WO	10/16/2002	Method of encapsulating hard disc drive and other electrical components Griffith D. Neal
11/167972	US	06/27/2005	Method of encapsulating hard disc drive and other electrical components Griffith D. Neal
7190548	US	09/12/2005	Encapsulated miniature hard disc drive Griffith D. Neal
11/443805	US	05/30/2006	Encapsulated miniature hard disc drive Griffith D. Neal
11/635911	US	12/08/2006	Encapsulated miniature hard disc drive Griffith D. Neal
PCT/US2002/006508	WO	3/4/2002	Stator assembly made from a plurality of toroidal core arc segments and motor using same Griffith D. Neal
60/146446	US	7/29/1999	High speed spindle motor Griffith D. Neal
60/172287	US	12/17/1999	High speed spindle assembly with Encapsulatorstator

			Griffith D. Neal
60/171817	US	12/21/1999	High speed spindle motor Griffith D. Neal
PCT/US2000/019870	WO	7/19/2000	Spindle motor for hard disk drive Griffith D. Neal
JP2000-224177	JP	7/25/2000	High-speed spindle motor Griffith D. Neal
PCT/US2000/034078	WO	12/15/2000	Spindle motor with encapsulated stator and method of making same Dennis K. Lieu
11/615795	US	12/22/2006	Motor Griffith D. Neal
6501616		12/22/1999	Hard disc drive with base incorporating a spindle motor stator Griffith D. Neal
09/470426	US	12/22/1999	Spindle motor manufacturing method Griffith D. Neal
09/470430	US	12/22/1999	Method of developing a high speed motor Griffith D. Neal
09/470432	US	12/22/1999	High speed motor and method of making same Griffith D. Neal
09/470433	US	12/22/1999	Method of constructing a hard disc drive with improved shock resistance

			Griffith D. Neal
--	--	--	------------------

70004351v.2

Exhibit C

FORM BCA 11.25 (rev. Dec. 2003)
ARTICLES OF MERGER,
CONSOLIDATION OR EXCHANGE
Business Corporation Act

Secretary of State
Department of Business Services
501 S. Second St., Rm. 350
Springfield, IL 62756
217-782-6361
www.cyberdriveillinois.com

Remit payment in the form of a
check or money order payable
to Secretary of State.

Filing fee is \$100, but if merger or
consolidation involves more than two
corporations, submit \$50 for each
additional corporation.

FILED

DEC 23 2008

JESSE WHITE
SECRETARY OF STATE

PAID

DEC 31 2008

EXPEDITED
SECRETARY OF STATE

File # 5997-794-6 Filing Fee: \$ 100 Approved: [Signature]

----- Submit in duplicate ----- Type or Print clearly in black ink ----- Do not write above this line -----

NOTE: Strike inapplicable words in Items 1, 3, 4 and 5.



1. Names of Corporations proposing to ~~consolidate~~ ^{merge} and State or Country of Incorporation.
~~exchange shares~~

Name of Corporation	State or Country of Incorporation	Corporation File Number
Encap Technologies, Inc.	Illinois	6480-245-3
Encap Holding Company	Illinois	5997-794-6

2. The laws of the state or country under which each Corporation is incorporated permits such merger, consolidation or exchange.

3. a. Name of the ~~new~~ ^{surviving} corporation: Encap Holding Company
~~acquiring~~
- b. Corporation shall be governed by the laws of: Illinois

For more space, attach additional sheets of this size.

4. Plan of ~~consolidation~~ ^{merger} is as follows:
~~exchange~~

See Agreement and Plan of Merger attached hereto as Exhibit A.

- merger
5. The consolidation exchange was approved, as to each Corporation not organized in Illinois, in compliance with the laws of the state under which it is organized, and (b) as to each Illinois Corporation, as follows:

The following items are not applicable to mergers under §11.30 — 80 percent-owned subsidiary provisions. (See Article 7 on page 3.)

Mark an "X" in one box only for each Illinois Corporation.

Name of Corporation:	By the shareholders, a resolution of the board of directors having been duly adopted and submitted to a vote at a meeting of shareholders. Not less than the minimum number of votes required by statute and by the Articles of Incorporation voted in favor of the action taken. (§11.20)	By written consent of the shareholders having not less than the minimum number of votes required by statute and by the Articles of Incorporation. Shareholders who have not consented in writing have been given notice in accordance with §7.10 and §11.20.	By written consent of ALL shareholders entitled to vote on the action, in accordance with §7.10 and §11.20.
Not applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6. Not applicable if surviving, new or acquiring Corporation is an Illinois Corporation.

It is agreed that, upon and after the filing of the Articles of Merger, Consolidation or Exchange by the Secretary of State of the State of Illinois:

- The surviving, new or acquiring Corporation may be served with process in the State of Illinois in any proceeding for the enforcement of any obligation of any Corporation organized under the laws of the State of Illinois which is a party to the merger, consolidation or exchange and in any proceeding for the enforcement of the rights of a dissenting shareholder of any such Corporation organized under the laws of the State of Illinois against the surviving, new or acquiring Corporation.
- The Secretary of State of the State of Illinois shall be and hereby is irrevocably appointed as the agent of the surviving, new or acquiring Corporation to accept service of process in any such proceedings, and
- The surviving, new or acquiring Corporation will promptly pay to the dissenting shareholders of any Corporation organized under the laws of the State of Illinois which is a party to the merger, consolidation or exchange the amount, if any, to which they shall be entitled under the provisions of The Business Corporation Act of 1983 of the State of Illinois with respect to the rights of dissenting shareholders.

7. Complete if reporting a merger under §11.30 — 80 percent-owned subsidiary provisions.

- a. The number of outstanding shares of each class of each merging subsidiary Corporation and the number of such shares of each class owned immediately prior to the adoption of the plan of merger by the parent Corporation:

Name of Corporation	Total Number of Shares Outstanding of Each Class	Number of Shares of Each Class Owned Immediately Prior to Merger by the Parent Corporation
Encap Technologies, Inc.	100 Shares Common Stock	100 Shares Common Stock


- b. Not applicable to 100 percent-owned subsidiaries.

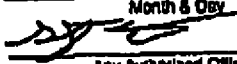
The date of mailing a copy of the plan of merger and notice of the right to dissent to the shareholders of each merging subsidiary Corporation was _____
Month & Day Year

Was written consent for the merger or written waiver of the 30-day period by the holders of all the outstanding shares of all subsidiary Corporations received? ☐ Yes ☐ No

(If "No," duplicate copies of the Articles of Merger may not be delivered to the Secretary of State until after 30 days following the mailing of a copy of the plan of merger and the notice of the right to dissent to the shareholders of each merging subsidiary Corporation.)

8. The undersigned Corporation has caused this statement to be signed by a duly authorized officer who affirms, under penalties of perjury, that the facts stated herein are true and correct. All signatures must be in BLACK INK.

Dated December 3, 08 Encap Technologies, Inc.
Month & Day Year Exact Name of Corporation

 Any Authorized Officer's Signature
Griffith D. Neal, President
Name and Title (type or print)

Dated December 3, 08 Encap Holding Company
Month & Day Year Exact Name of Corporation

 Any Authorized Officer's Signature
Griffith D. Neal, President
Name and Title (type or print)

Dated _____, _____
Month & Day Year Exact Name of Corporation

 Any Authorized Officer's Signature

 Name and Title (type or print)

EXHIBIT A
TO
ARTICLES OF MERGER

AGREEMENT AND PLAN OF MERGER

This Agreement and Plan of Merger, dated as of December 3, 2008 (the "Merger Agreement"), is made by and between Encap Technologies, Inc., an Illinois corporation ("Sub"), and Encap Holding Company, an Illinois corporation ("Parent").

WHEREAS, Sub is a corporation duly organized and validly existing under and by virtue of the laws of the State of Illinois and is a wholly owned subsidiary of Parent; and

WHEREAS, Sub has authorized capital stock consisting of 1,000 shares of Common Stock, no par value per share, 100 shares of which are issued and outstanding and all of which are owned by Parent; and

WHEREAS, Parent is a corporation duly organized and validly existing under and by virtue of the laws of the State of Illinois; and

WHEREAS, the Board of Directors of Parent deem it advisable that Sub merge into Parent (the "Merger"), upon the terms and subject to the conditions set forth herein and in accordance with the laws of the States of Illinois; and

WHEREAS, Sub is solvent; and

WHEREAS, this is a parent/subsidiary merger under Section 11.30 of the Illinois Business Corporation Act of 1983 (805 ILCS 5/11.30), so shareholder approval of the Merger is not required.

NOW, THEREFORE, the parties hereto agree as follows:

Section 1. Effect of Merger.

1.1 At the Effective Time (as hereinafter defined), Sub shall be merged with and into Parent, the separate corporate existence of Sub shall cease (except as may be continued by operation of law), and Parent shall continue as the surviving corporation (the "Surviving Corporation"), all with the effects provided by applicable law.

1.2 At the Effective Time, by virtue of the Merger and without any action (other than the filing of the Articles of Merger or similar documents with the Secretary of State of Illinois), all issued and outstanding shares of Sub shall be cancelled and eliminated in their entirety.

1.3 At and after the Effective Time, the Surviving Corporation shall possess all the rights, privileges, immunities and franchises, of both a public and private nature, and all property, whether real, personal and mixed, and shall be subject to all of the duties and liabilities, of Sub; and all rights, privileges, immunities and franchises, of both a public and private nature, of Sub shall be vested in the Surviving Corporation without any act or action; and title to any real estate, or any interest therein, vested in Sub shall not revert or be in any way impaired by reason

of the Merger; and any claim existing or action or proceeding pending by or against Sub may be prosecuted to judgment as if the Merger had not taken place or the Surviving Corporation may be substituted in its place; all with the effect as may be required by law.

1.4 The name of the Surviving Corporation shall be "Encap Holding Company."

Section 2. Effective Time.

2.1 Upon the fulfillment or waiver of the conditions specified herein, provided that this Merger Agreement has not been terminated and abandoned pursuant to the terms hereof, Sub and Parent shall cause Articles of Merger to be executed, acknowledged and filed with the Secretary of State of the State of Illinois, all as provided for in accordance with Illinois law.

2.2 The Merger shall become effective as of the close of business on December 31, 2008, or such other time and date as provided by applicable law (the "Effective Time").

Section 3. Additional Agreements.

3.1 Each of the parties hereto shall (subject to any qualifications specified in this Section 3 and the conditions specified below) diligently use their respective commercially reasonable efforts to cause the Merger to be consummated and to be consummated at the earliest practicable date.

3.2 Prior to the Effective Time, all parties hereto shall use their best efforts to obtain the consent of all private third parties and governmental authorities necessary to consummation of the Merger.

Section 4. Certificate of Incorporation and By-Laws; Board of Directors.

4.1 From and after the Effective Time, the Articles of Incorporation and By-laws of Parent as in effect at the Effective Time shall govern the Surviving Corporation and constitute the Articles of Incorporation and By-Laws, respectively, of the Surviving Corporation.

4.2 The members of the Board of Directors of Sub holding office immediately prior to the Effective Time shall be the members of the Board of Directors of Parent as of the Effective Time and shall hold such offices until the expiration of their current terms, or until their earlier death, resignation or removal. The officers of Parent holding office immediately prior to the Effective Time shall continue be the officers of Parent (holding the same positions) and shall hold such offices until the expiration of their current terms, or until their earlier death, resignation or removal.

Section 5. Conditions.

5.1 The respective obligations of Sub and Parent to consummate the Merger under this Merger Agreement is subject to the fulfillment of the following conditions:

(a) This Merger Agreement and the Merger shall have been approved and adopted by the Boards of Directors of Sub and Parent (the "Merger Approval") and the Merger Approval shall not in any manner have been rescinded or revoked;

(b) There shall have been no law, statute, rule or regulation, domestic or foreign, enacted or promulgated which would make consummation of the Merger illegal and no such law, statute, rule or regulation shall be in effect;

(c) No preliminary or permanent injunction or other order by any federal or state court of competent jurisdiction that makes illegal or otherwise prevents the consummation of the Merger shall be in effect; and

(d) Any third party consents which are required in order to avoid a breach, violation, conflict or default under any agreement, contract, statute, rule or regulation shall have been obtained.

Section 6. Amendment and Termination.

6.1 Sub and Parent, by mutual consent of their respective Boards of Directors, and at any time prior to filing, may amend, modify or supplement this Merger Agreement in such manner as may be agreed upon by them in writing.

6.2 This Merger Agreement may be terminated and the Merger may be abandoned for any reason by a resolution adopted by the mutual consent of Sub and Parent at any time prior to the filing of the Articles of Merger with the Illinois Secretary of State. In the event of the termination of this Merger Agreement as provided herein, this Merger Agreement shall forthwith become void and there shall be no liability hereunder on the part of Sub, Parent or their respective officers and directors.

Section 7. Service of Process.

7.1 The Surviving Corporation hereby agrees that it may be served with process in the State of Illinois in any proceeding for the enforcement of any obligation of Sub and hereby irrevocably appoints the Secretary of State of the State of Illinois as its agent to accept service of process in any such proceeding.

7.2 A copy of any service of process received in connection with the above should be mailed to:

Encap Holding Company
666 South Vermont Street
Palatine, Illinois 60067
Attn: Griffith D. Neal

Section 8. Miscellaneous.

8.1 This Merger Agreement may be executed in one or more counterparts, all of which taken together shall constitute one and the same instrument.

8.2 The internal law, not the law of conflicts, of the State of Illinois will govern all questions concerning the construction, validity and interpretation of this Merger Agreement.

8.3 This Merger Agreement is not intended to confer upon any person (other than the parties hereto and their respective successors and assigns) any rights or remedies hereunder or any reason hereof.

IN WITNESS WHEREOF, the parties hereto have caused this Merger Agreement to be signed by their respective officers, duly authorized, as of the day and year first set forth above.

Encap Technologies, Inc.



Griffith D. Neal, President

Encap Holding Company



Griffith D. Neal, President

Exhibit D

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Encap Technologies Inc.	10/17/2012
RECEIVING PARTY DATA	
Name:	Intellectual Ventures Holding 88 LLC
Street Address:	7251 W. Lake Mead Blvd
Internal Address:	Ste 300
City:	Las Vegas
State/Country:	NEVADA
Postal Code:	89128
PROPERTY NUMBERS Total: 20	
Property Type	Number
Patent Number:	7928348
Patent Number:	7629716
Patent Number:	7566999
Patent Number:	6892439
Patent Number:	7019422
Patent Number:	6911166
Patent Number:	6941640
Patent Number:	7036207
Patent Number:	7067952
Patent Number:	7262527
Patent Number:	6300695
Patent Number:	6437464
Patent Number:	6753628
Patent Number:	6362554

502114805

PATENT
 REEL: 029228 FRAME: 0379
 PATENT
 REEL: 043072 FRAME: 0982

CH \$800.00 7928348

Patent Number:	6617721
Patent Number:	6844636
Patent Number:	7049715
Patent Number:	7067944
Patent Number:	7154200
Patent Number:	7683509

CORRESPONDENCE DATA

Fax Number: 5128538801

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 5128538800

Email: dddeluca@intprop.com

Correspondent Name: Dawn DeLuca

Address Line 1: 1120 South Capital of Texas Highway

Address Line 2: Building 2, Suite 300

Address Line 4: Austin, TEXAS 78746

ATTORNEY DOCKET NUMBER:	6757-35200
-------------------------	------------

NAME OF SUBMITTER:	Dean M. Munyon
--------------------	----------------

Total Attachments: 5

source=Encap Technologies Assngmt to IV Holdings 88 LLC- Exh B (signed)#page1.tif

source=Encap Technologies Assngmt to IV Holdings 88 LLC- Exh B (signed)#page2.tif

source=Encap Technologies Assngmt to IV Holdings 88 LLC- Exh B (signed)#page3.tif

source=Encap Technologies Assngmt to IV Holdings 88 LLC- Exh B (signed)#page4.tif

source=Encap Technologies Assngmt to IV Holdings 88 LLC- Exh B (signed)#page5.tif

ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Encap Technologies Inc., an Illinois corporation with an office at 666 S. Vermont Street, Palatine, IL 60067 ("**Assignor**"), does hereby sell, assign, transfer, and convey unto Intellectual Ventures Holding 88 LLC, a Delaware limited liability company, having an address at 7251 W. Lake Mead Blvd, Ste 300, Las Vegas, NV 89128 ("**Assignee**"), or its designees, all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "**Patent Rights**");

(a) the provisional patent applications, patent applications and patents listed in the table below (the "**Patents**");

<u>Patent or</u> <u>Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
7928348	US	07/19/2006	Electromagnetic device with integrated fluid flow path Griffith D. Neal
7629716	US	07/19/2006	Electromagnetic device with closed heat transfer system Griffith D. Neal
7566999	US	07/19/2006	Electromagnetic device with composite structure heat transfer flow path Griffith D. Neal
6892439	US	02/01/2001	Motor with stator made from linear core preform Griffith D. Neal
7019422	US	10/20/2004	Motor with stator made from linear core preform Griffith D. Neal
6911166	US	10/17/2001	Method of encapsulating hard disc drive and other electrical components Griffith D. Neal
6941640	US	10/25/2001	Method of manufacturing a base plate for a miniature hard disc drive Griffith D. Neal

<u>Patent or Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
7036207	US	03/02/2001	Stator assembly made from a plurality of toroidal core segments and motor using same Griffith D. Neal
7067952	US	03/05/2003	Stator assembly made from a molded web of core segments and motor using same Griffith D. Neal
7262527	US	06/26/2006	Stator assembly made from a molded web of core segments and motor using same Griffith D. Neal
6300695	US	12/22/1999	High speed spindle motor with hydrodynamic bearings Griffith D. Neal
6437464	US	12/22/1999	Motor and disc assembly for computer hard drive Griffith D. Neal
6753628	US	12/22/1999	High speed spindle motor for disc drive Griffith D. Neal
6362554	US	12/22/1999	Stator assembly Griffith D. Neal
6617721	US	12/22/1999	High speed spindle motor Griffith D. Neal
6844636	US	12/15/2000	Spindle motor with encapsulated stator and method of making same Dennis K. Lieu
7049715	US	06/21/2004	High speed spindle motor for disc drive Griffith D. Neal
7067944	US	01/14/2005	Motor with encapsulated stator and method of making same Dennis K. Lieu
7154200	US	05/23/2006	Motor

Patent or
Application No. **Country** **Filing Date** **Title of Patent and First Named Inventor**

7683509	US	07/19/2006	Electromagnetic device with open, non-linear heat transfer system Griffith D. Neal
---------	----	------------	-------------------------------------------------------------------------------------------

(b) all patents and patent applications(i) to which any of the Patents directly or indirectly claims priority,(ii) for which any of the Patents directly or indirectly forms a basis for priority,and/or (iii) that were co-owned applicationsthatincorporate by reference, or are incorporatedby reference into, the Patents;

(c) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in any of the foregoingcategories (a) and (b);

(d) all foreign patents, patent applications, and counterparts relatingto any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grantsor issuances;

(e) all items in any of the foregoing in categories (b) through (d), whether or not expressly listed as Patents below and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like;

(f) inventions, invention disclosures, and discoveries described in any of the Patents and/or any item in the foregoing categories (b) through (e)that (i) are included in any claim in the Patents and/or any item in the foregoing categories (b) through (e), (ii) are subject matter capable of being reduced to a patent claim in a reissue or reexamination proceeding brought on any of the Patents and/or any item in the foregoing categories (b) through (e), and/or (iii) could have been included as anallowableclaim in any of the Patents and/or any item in the foregoing categories (b) through (e);

(g) allcauses of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents and/or any item inany of the foregoing categories (b) through (f), including, without

			Griffith D. Neal
--	--	--	------------------

limitation, all causes of action and other enforcement rights for

- (1) damages,
- (2) injunctive relief, and
- (3) any other remedies of any kind

for past, current, and future infringement; and

- (i) all rights to collect royalties and other payments under or on account of any of the Patents and/or any item in any of the foregoing categories (b) through (h).

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

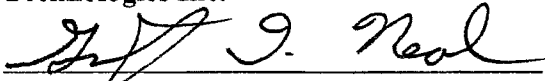
Assignor will, at the reasonable request of Assignee, do all things necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights.

The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at 9:15
on October 17th, 2012.

ASSIGNOR:

Encap Technologies Inc.

By: 
Name: Griff Neal
Title: President
(Signature MUST be attested)

ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. § 1746

The undersigned witnessed the signature of Griff Neal to the above Assignment of Patent Rights on behalf of Encap Technologies Inc. and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
2. Griff Neal is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on Oct. 17, 2012 to execute the above Assignment of Patent Rights on behalf of Encap Technologies Inc.
3. Griff Neal subscribed to the above Assignment of Patent Rights on behalf of Encap Technologies Inc.

I declare under penalty of perjury under the laws of the United States of America that the statements made in the three (3) numbered paragraphs immediately above are true and correct.

EXECUTED on Oct. 17, 2012

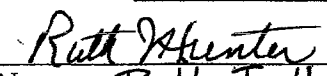

Print Name: Rath J. Hunter

Exhibit E

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Encap Technologies Inc.	10/17/2012
RECEIVING PARTY DATA	
Name:	Intellectual Ventures Holding 88 LLC
Street Address:	7251 W. Lake Mead Blvd
Internal Address:	Ste 300
City:	Las Vegas
State/Country:	NEVADA
Postal Code:	89128
PROPERTY NUMBERS Total: 13	
Property Type	Number
Application Number:	11167972
Patent Number:	7190548
Application Number:	11443805
Application Number:	11635911
Application Number:	60146446
Application Number:	60172287
Application Number:	60171817
Application Number:	11615795
Patent Number:	6501616
Application Number:	09470426
Application Number:	09470430
Application Number:	09470432
Application Number:	09470433
CORRESPONDENCE DATA	

502114806

PATENT
 REEL: 029228 FRAME: 0394
 PATENT
 REEL: 043072 FRAME: 0990

CH \$520.00 11167972

Fax Number: 5128538801

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 5128538800

Email: dddeluca@intprop.com

Correspondent Name: Dawn DeLuca

Address Line 1: 1120 South Capital of Texas Highway

Address Line 2: Building 2, Suite 300

Address Line 4: Austin, TEXAS 78746

ATTORNEY DOCKET NUMBER:

6757-35200

NAME OF SUBMITTER:

Dean M. Munyon

Total Attachments: 3

source=Encap Technologies Assngmt to IV Holdings 88 LLC - Exh C (signed)#page1.tif

source=Encap Technologies Assngmt to IV Holdings 88 LLC - Exh C (signed)#page2.tif

source=Encap Technologies Assngmt to IV Holdings 88 LLC - Exh C (signed)#page3.tif

PATENT

REEL: 029228 FRAME: 0395

PATENT

REEL: 043072 FRAME: 0991

ASSIGNMENT OF RIGHTS IN CERTAIN ASSETS

For good and valuable consideration, the receipt of which is hereby acknowledged, Encap Technologies Inc., an Illinois corporation with an office at 666 S. Vermont Street, Palatine, IL 60067 ("**Assignor**"), does hereby sell, assign, transfer, and convey unto Intellectual Ventures Holding 88 LLC, a Delaware limited liability company, having an address at 7251 W. Lake Mead Blvd, Ste 300, Las Vegas, NV 89128 ("**Assignee**"), or its designees, the right, title, and interest in and to any and all of the following provisional patent applications, patent applications, patents, and other governmental grants or issuances of any kind (the "**Certain Assets**");

Patent or

Application No.	Country	Filing Date	Title of Patent and First Named Inventor
PCT/US2002/032915	WO	10/16/2002	Method of encapsulating hard disc drive and other electrical components Griffith D. Neal
11/167972	US	06/27/2005	Method of encapsulating hard disc drive and other electrical components Griffith D. Neal
7190548	US	09/12/2005	Encapsulated miniature hard disc drive Griffith D. Neal
11/443805	US	05/30/2006	Encapsulated miniature hard disc drive Griffith D. Neal
11/635911	US	12/08/2006	Encapsulated miniature hard disc drive Griffith D. Neal
PCT/US2002/006508	WO	03/04/2002	Stator assembly made from a plurality of toroidal core arc segments and motor using same Griffith D. Neal
60/146446	US	07/29/1999	High speed spindle motor Griffith D. Neal
60/172287	US	12/17/1999	High speed spindle assembly with encapsulator stator Griffith D. Neal
60/171817	US	12/21/1999	High speed spindle motor Griffith D. Neal
PCT/US2000/019870	WO	07/19/2000	Spindle motor for hard disk drive Griffith D. Neal

<u>Patent or Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
JP2000-224177	JP	07/25/2000	High-speed spindle motor Griffith D. Neal
PCT/US2000/034078	WO	12/15/2000	Spindle motor with encapsulated stator and method of making same Dennis K. Lieu
11/615795	US	12/22/2006	Motor Griffith D. Neal
6501616	US	12/22/1999	Hard disc drive with base incorporating a spindle motor stator Griffith D. Neal
09/470426	US	12/22/1999	Spindle motor manufacturing method Griffith D. Neal
09/470430	US	12/22/1999	Method of developing a high speed motor Griffith D. Neal
09/470432	US	12/22/1999	High speed motor and method of making same Griffith D. Neal
09/470433	US	12/22/1999	Method of constructing a hard disc drive with improved shock resistance Griffith D. Neal

Assignor assigns to Assignee all rights to the inventions, invention disclosures, and discoveries in the assets listed above, together, with the rights, if any, to revive prosecution of claims under such assets and to sue or otherwise enforce any claims under such assets for past, present or future infringement.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to make available to Assignee all records regarding the Certain Assets.

The terms and conditions of this Assignment of Rights in Certain Assets will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

DATED this 17th day of October, 2012.

ASSIGNOR:

Encap Technologies Inc.

By: 

Name: Griff Neal

Title: President