PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CRAIG A. BONDA	09/12/2013
SHENGKUI HU	09/12/2013
QING JEAN ZHANG	09/12/2013
ZHIHUI ZHANG	09/12/2013

RECEIVING PARTY DATA

Name:	HALLSTAR INNOVATIONS CORP.	
Street Address:	120 SOUTH RIVERSIDE PLAZA, SUITE 1620	
City:	CHICAGO	
State/Country:	ILLINOIS	
Postal Code:	60606	

PROPERTY NUMBERS Total: 3

Property Type	Number	
Application Number:	14792437	
Application Number:	14792421	
Application Number:	14792431	

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.

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NAME OF SUBMITTER: SCARLETT PEREIDA

SIGNATURE: /Scarlett Pereida/

DATE SIGNED: 09/29/2015

Total Attachments: 3

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PATENT REEL: 036684 FRAME: 0561 source=100301_Signed_Assignment#page2.tif source=100301_Signed_Assignment#page3.tif

> PATENT REEL: 036684 FRAME: 0562

ASSIGNMENT

WHEREAS, we the undersigned inventors of residence as listed, have invented certain new and useful improvements as below entitled, for which an application for United States Letters Patent is made, said application having been designated as set forth below and filed on or about the date set forth below; and

WHEREAS, HALLSTAR INNOVATIONS CORP. (hereinafter referred to as "Assignee"),

with an address of:

120 South Riverside Plaza, Suite 1620 Chicago, IL 60606 United States of America

desires to acquire the entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent(s) that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and we authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

We also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

We will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, we will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications,

make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Invention Name:

COMPOSITIONS, APPARATUS, SYSTEMS, AND

METHODS FOR RESOLVING ELECTRONIC EXCITED

STATES

Serial No.:

13/963,865

Date Filed:

August 9, 2013

We hereby grant JOHN G. FLAIM, Registration No. 37,323; BRIAN C. McCORMACK, Registration No. 36,601; WILLIAM D. McSPADDEN, Registration No. 44,234; GUY F. BIRKENMEIER, Ph.D.J.D., Registration No. 52,622; RICHARD V. WELLS, Registration No. 53,757; Matt DUSHEK, Registration No. 61,921, and all practitioners with the firm of Baker & McKenzie LLP (Customer Number 23562) with an office at 2001 Ross Avenue, Suite 2300, Dallas, TX 75201, the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

The undersigned further declares that all statements made herein of his/her own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful and false statements may jeopardize the validity of the application or any patent issued thereon.

<u> Wiga Boude</u>

Signature of Inventor:

Craig A. Bonda

Inventor(s) Name:

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Date:

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