11-06-2001 Form PTO-1595 U.S. DEPARTMENT OF COMMERCE (Rev. 03/01) U.S. Patent and Trademark Office OMB No. 0651-0027 (exp. 5/31/2002) 101888406 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Name: Winnie W. Choy Internal Addres AUG 27 200 Additional name(s) of conveying party(les) attached? The Yes I No 3. Nature of conveyance: Merger 🖳 Assignment Street Address: P. O. Box 3707, M/S 13-08 Security Agreement Change of Name City: Seattle, State: WA Zip: 98124-King County **Execution Date:** 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 09/816,980 Additional numbers attached? Yes No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$ 40.00 Name: Artz & Artz, P.C. **Enclosed** Internal Address:_____ Authorized to be charged to deposit account 8. Deposit account number: 50-0476 Street Address: 28333 Telegraph Road, Ree1/Frame: 011655/0498 Ste. 250, Southfield, MI 48034 (Attach duplicate copy of this page if paying by deposit account) City: Southfield State: MI Zip: 48034 DO NOT USE THIS SPACE

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy

is a true copy of the original document.

Angela M. Brunetti

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

August 23, 2001

Date



Customer No. 020991

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WHEREAS, I, as below named sole inventor (if only one name is tisted below) or joint inventor (if plural names
are listed below) of the city and state as stated below next to my name, have invented a Method And System
For Charge Equalization Of Lithium-Ion Batteries for which an application for Letters Patent of the United
States has been executed by me on this day, or (if the following is completed) filed on
as Serial No; and

WHEREAS, HUGHES ELECTRONICS CORPORATION, (hereinafter referred to as HUGHES), a Delaware Corporation, having its principal place of business in El Segundo, California, is deslrous of acquiring the entire and exclusive right, title and interest in to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world;

NOW, THEREFORE, in consideration of the obligations voluntarily assumed by me and set forth in an invention agreement between me and my employer, effective the date as stated below next to my name, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer to HUGHES, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said invention invented by me, to said application and any and all applications which are continuations, continuations-in- part, divisions or substitutes of said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world on any of said applications and to any and all reexaminations, reissues, renewals or extensions of said Letters Patent in the United States and throughout the world for the full term or terms for which said Letters patent may be granted in the United States and throughout the world; authorize and request The Commissioner of Patents and Trademarks of the United States and all foreign countries to issue all such Letters Patent to said HUGHES, its successors, assigns or other legal representatives; covenant that no assignment, sale, agreement, transfer or encumbrance has been, or will be, made or entered into which would conflict with this assignment, sale and transfer; and agree to communicate to HUGHES, its successors, assigns or other legal representatives, upon request and at no cost or expense to me, any facts known by me respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper oaths and giving of testimony that is deemed necessary or desirable by HUGHES, its successors, assigns or other legal representatives with regard to said invention for protecting, obtaining, maintaining and enforcing any and all of said letters Patent in the United States and throughout the world for said invention and for perfecting, affirming, recording and maintaining the title of HUGHES, its successors, assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to said invention, and any and all of said Letters Patent and the title thereto in HUGHES, its successors, assigns or other legal representatives.

> PATENT REEL: 012132 FRAME: 0978

IN WITNESS WHEREOF, I have executed this instrument.

RECORDED: 08/27/2001

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE	
Winnie W. Choy	Wini W Chay	3/21/01	
RESIDENCE (CITY AND STATE)	<u> </u>	INVENTION AGREEMENT DATE	
17203 S. Maria Avenue, Cerritos, CA 90703			
STATE OF))ss:		
COUNTY OF			
Onbefore	e me,		
a Notary Public in and for said State, personally appeared Winnie W. Choy, 🗆 personally known to me or 🗆			
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 he/she/they executed the same in his/her/their authorized			
capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon benalf of			
which the person(s) acted, executed the in	strument.		
WITNESS my hand and official seal.			
	Notan	Public	

PATENT REEL: 012132 FRAME: 0979