PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Youngcheol Jang	09/29/2009
Eunok Kwak	09/29/2009

RECEIVING PARTY DATA

Name:	SAMSUNG SDI CO., LTD.	
Street Address:	673-7, Maetan-dong, Yeongtong-gu	
City:	Suwon-si, Gyeonggi-do	
State/Country:	REPUBLIC OF KOREA	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12577607

CORRESPONDENCE DATA

Fax Number: (626)577-8800

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

Phone: 626-795-9900 Email: pto@cph.com

Correspondent Name: CHRISTIE, PARKER & HALE, LLP

Address Line 1: PO BOX 7068

Address Line 4: PASADENA, CALIFORNIA 91109-7068

ATTORNEY DOCKET NUMBER: \$1170:63098/PCH/AAM

NAME OF SUBMITTER: Peter C. Hsueh

Total Attachments: 1

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PATENT REEL: 023359 FRAME: 0415

Docket No.: 63098/S1170

Return to: CHRISTIE, PARKER & HALE Post Office Box 7068 Pasadena, CA 91109-7068

ASSIGNMENT

In consideration of good and valuable	e consideration, th	ne receipt of which is her	reby acknowledged, the	
undersigned, (1) Youngcheol Jang and Euno	e Mercala			
(1) Youngcheol Jang and Eunol HEREBY SELL(S), ASSIGN(S) AND		^		
(2) SAMSUNG SDI CO., LTD.	INANOFER(S) I	O		
having a place of business at				
(3) 575, Shin-dong, Yeongtong-	u Simon ei Gu	aonaai.do Panublic of	Vores	
(hereinafter called "ASSIGNEE") the which are disclosed in the application	entire right, title a	and interest in and to an		
(4) PROTECTIVE CIRCUIT MODI	JLE AND SECON	DARY BATTERY HAVII	NG THE SAME	
which application executed on even	date herewith or	(CHRISTIE, PARKER	& HALE, LLP, P.O. Box	
was		7068, Pasadena, CA 91109-7068) is hereby		
(a) executed on (5a):		authorized to insert in (b) the specified data,		
(b) filed on (5b):		when known.		
Application No.:	i	•		
including any and all United States F extensions, divisions, reissues, subs and the right to all benefits under all and applications for said improvement it is hereby authorized and request Letters Patent, when granted, to signee.	titutes, renewals of international con- nts.	or continuations of said a ventions for the protection	application and patents, on of industrial property	
Upon said consideration, it is furth expense of said ASSIGNEE, the renewal, and reissue patent applicationssible which said ASSIGNEE shaprotection as provided herein.	undersigned will ons; execute all right	execute all divisional, ghtful other papers; and	continuing, substitute, generally do everything	
INVENTOR(S)	SIGNATURE	,	DATE	
Youngcheol Jang	Donney (Show Jamp	X September 21, 2009 X Sept. 21, 2009	
Eunok Kwak	x Eur	iok Kwak	x Sept. 79, 2009	
WITNESSES:				
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RECORDED: 10/12/2009

PATENT REEL: 023359 FRAME: 0416