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Receiving Party					
Name Name Address Address Address	Samsung SDI Co., Li 575 Shin-dong, Palda Kyungki-do City		intry	00/517	1531
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Jeffrey A. Wyand Leydig, Voit & Mayer, Ltd. 700 Thirteenth St., N.W. Suite 300 Washington, D.C. 20005-3960 Pages Enter the total number of pages of the attached			Telephone: (202) 737-6770 Facsimile: (202) 737-6776 Attorney Docket No. 400557/YPLEE conveyance document including any attachments: 2		
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Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$40.00 Method of Payment: Enclosed is a check in the amount of \$730.00 Charge Deposit Account No. 12-1216 Authorization to Charge Additional Fees to Deposit Account No. 12-1216: Yes No					
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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. Charges to deposit account are authorized, as indicated herein.					
Jeffrey A. Wyand		Justee A	Usul		, 2007)
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PATENT

REEL: 010601 FRAME: 0147

ASSIGNMENT

and v	In consideration of the sum of One Dollar (\$1.00), and other good valuable consideration, the receipt of which is hereby acknowledged, undersigned,
Sung-	-bin LIM of 106-803 Daerim Hannae Apt., 544 Shinbu-dong, Cheonan-city
Chung	gcheongnam-do, Rep. of Korea
hereb	by sell, assign and transfer to
Samsu	ng SDI Co-, Ltā.
a cor	poration organized under the laws of Korea
at 57	5 Shin-dong, Paldal-gu, Suwon-city, Kyungki-do, Rep. of Korea
(here	einafter called the Assignee), its successors and assigns, the entire
i)	the application for United States Letters Patent entitled
	METHOD OF GENERATING DATA FOR USE IN MONITORING AND CONTROLLING CHARGE
	AND DISCHARGE STATUSES OF SECONDARY BATTERY
	which was executed by the undersigned on <u>December 22, 1999</u> or filed on and accorded Serial No. (hereinafter called the Application);
ii)	any and all inventions and improvements which are described in the Application;
iii)	any and all United states Letters Patents which my be granted on the Application (hereinafter called the Patent);
iv)	any and all divisions, continuations, substitutes, or reissues of the Application or Patent; and
v)	all benefits under the International Convention for the protection of Industrial Property.
this	It is hereby authorized that the above-mentioned assignee insert in instrument the filing date and serial number of said application.
Pater	It is hereby authorized and requested that the Commissioner of ats issue any and all of said Letters Patent, when granted, to said

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications, execute all additional assignments and other writings and provide all reasonable assistance requested by the Assignee.

PATENT REEL: 010601 FRAME: 0148

this 22th day of December	1999
WITNESS(ES):	INVENTOR(S):
	Sung-bin LIM 1999, 12.22

PATENT REEL: 010601 FRAME: 0149