



ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

Sung-bin LIM of 106-803 Daerim Hannae Apt., 544 Shinbu-dong, Cheonan-city  
Chungcheongnam-do, Rep. of Korea

hereby sell, assign and transfer to

Samsung SDI Co., Ltd.

a corporation organized under the laws of Korea

at 575 Shin-dong, Paldal-gu, Suwon-city, Kyungki-do, Rep. of Korea

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

- 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 December 22, 1999  
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 may 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.

It is hereby authorized that the above-mentioned assignee insert in this instrument the filing date and serial number of said application.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said Assignee.

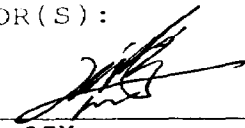
Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications, execute all additional assignments and other writings and provide all reasonable assistance requested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

Signed at 575 Shin-dong, Paldal-gu, Suwon-city, Kyungki-do, Rep. of Korea  
this 22th day of December, 1999

WITNESS(ES):

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INVENTOR(S):

  
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Sung-bin LIM 1999. 12. 22

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