FORM PTO-1595 (Rev. 6/93)

05-17-2010 103597354

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

**ER SHEET** 

ER SHEET  Attorney Docket No: 5004-1-263
missioner for Patents
Name and address of receiving party(ies):     Name:SAMSUNG ELECTRONICS CO.; LTD
Address: 416, MAETAN-DONG, YEONGTONG-GU SUWON-SI, GYEONGGI-DO REPUBLIC OF KOREA  Additional name(s) & address(es) attached? [] Yes [X] No
e execution date of the appropriate Section 1 Appropriate Section
6. Total number of applications and patents involved:
7. Total fee (37 CFR 3.41): \$40.00  [X] Enclosed  [X] Authorized to be charged to deposit account, if necessary - for overages or underpayments only  8. Deposit account number: 502-470  (Attach duplicate copy of this page if paying by deposit account)
THIS SPACE
Signature  Total number of pages including cover sheet, attachments, and document:

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents 05/14/2010 MJAMA1

01 FC:8021

00000033 12777781

Box Assignments Washington, D.C. 20231

40.00 OP

Docket No.: 5004-1-263

## **Assignment of Invention and Patent Application**

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of TEN (\$10.00) DOLLAR,

1) Jin Yeout JANG

of

No. 113-1201, Prugio Castle A-danji Apt., Songjeong-dong, Gumi-si, Gyeongsangbuk-do, Republic of Korea

(hereinafter Assignor) hereby sells, assigns, transfers, and sets over unto:

SAMSUNG ELECTRONICS CO., LTD. of 416, MAETAN-DONG, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, REPUBLIC OF KOREA

(hereinafter Assignee) the entire right, title and interest for the United States Of America as defined in 35 U.S.C. 1.00, in and to the invention entitled as:

## METHOD AND APPARATUS FOR PROVIDING CHARGING INFORMATION REGARDING PORTABLE TERMINAL WITH SOLAR CELL

invented by Assignor; the application for United States patent therefor, invented by Assignor; any patent or reissues of any patent that may be granted thereon; and any applications which are continuations, continuation-in-part, substitutes, or divisions of said application. Assignor authorizes Assignee to enter the date of signature and/or Serial Number and Filing Date in the above. Assignor also authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patent(s) to the said Assignee, for its interests as Assignee, its successors, assigns and legal representatives. The undersigned agrees that the attorney of record in said application shall hereafter act on behalf of said Assignee; and Assignor further conveys to Assignee all priority rights resulting from the above-identified application for United States Patent. Assignor agrees to execute all papers, give any required testimony and perform other lawful acts, as deemed essential by Assignee to perfect Assignee's interest in any resulting patent of the United States, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and Assignee's interest therein.

1

PATENT REEL: 024392 FRAME: 0935 SIGNED ON THE DATES(S) INDICATED BESIDE MY/OUR SIGNATURE(S):

Name of First Inventor: Jin Yeoul JANG

Signature of inventor

Dated: Feb 24.2016

WITNESSED: \_-

2

PATENT REEL: 024392 FRAME: 0936

**RECORDED: 05/14/2010**