502440815 07/31/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| Hak-Soo KIM | 07/29/2013 |
| Jae-Hyun KIM | 07/29/2013 |
| Hyoung-II KIM | 07/29/2013 |

RECEIVING PARTY DATA

| Name: | Samsung Electronics Co., Ltd. | |
|-----------------|--|--|
| Street Address: | 129 Samsung-ro, Yeongtong-gu, Suwon-si | |
| City: | Gyeonggi-do | |
| State/Country: | ate/Country: KOREA, REPUBLIC OF | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 13955388 | |

CORRESPONDENCE DATA

Fax Number: 2012269246

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

Phone: 201-226-9245

Email: jeryl.bizzoco@chareiter.com

Correspondent Name: Cha & Reiter, LLC
Address Line 1: 17 Arcadian Avenue

Address Line 2: Suite 208

Address Line 4: Paramus, NEW JERSEY 07652

| ATTORNEY DOCKET NUMBER: | 4500-1-227 |
|-------------------------|-------------|
| NAME OF SUBMITTER: | Steve Cha |
| Signature: | /Steve Cha/ |
| Date: | 07/31/2013 |

Total Attachments: 2

source=4500-1-227_Assignment#page1.tif source=4500-1-227_Assignment#page2.tif

PATENT REEL: 030914 FRAME: 0051 H \$40.00 1395

Docket No.: 4500-1-227 Client Ref.: GM-201203-578-1-US0

Assignment of Invention and Patent Application

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration,

| 1) | Hak-Soo KIM | of | #505-104, 25, Yeongtong-ro 290beon-gil, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea |
|----|---------------|----|--|
| 2) | Jae-Hyun KIM | of | #501, 33, Samsung-ro 277beon-gil, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea |
| 3) | Hyoung-Il Kim | of | #311-202, 181, Sunae-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea |

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

SAMSUNG ELECTRONICS CO., LTD. of 129 SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742 REPUBLIC OF KOREA

(hereinafter Assignee) the entire right, title and interest for the United States Of America as defined in 35 U.S.C. Section 261, in and to the invention entitled as:

METHOD FOR CONTROLLING USER INPUT AND ELECTRONIC DEVICE THEREOF

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.

SIGNED ON THE DATES(S) INDICATED BESIDE MY/OUR SIGNATURE(S):

| Name of First Inventor: Hak-Soo KIM | Signature of inventor |
|--|---|
| Name of Constal Instanton, Total Village William | Dated: 20/3, 7, 29 WITNESSED: WELL |
| Name of Second Inventor: Jae-Hyun KIM | Signature of inventor Dated: 20/3. 1. 29 WITNESSED: Vsolk |
| Name of Third Inventor: Hyoung-Il KIM | Signature of inventor Dated: 20/3 2.29 |
| | Dated: 20/3 7.29 WITNESSED: Rulk |