# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3857854

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SANG-EUN KIM	05/04/2016
KI-YOUNG KWON	05/04/2016
KYUNG-HWAN KIM	05/04/2016
JI-HOON PARK	05/04/2016
TAE-YOON AN	05/04/2016
TAE-WON UM	05/04/2016
IN-HO OH	05/04/2016
JAE-WOONG CHOI	05/04/2016

#### **RECEIVING PARTY DATA**

Name:	SAMSUNG ELECTRONICS CO., LTD.	
Street Address:	129 SAMSUNG-RO, YEONGTONG-GU, SUWON-SI	
City:	GYEONGGI-DO	
State/Country:	KOREA, REPUBLIC OF	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15145914

### **CORRESPONDENCE DATA**

**Fax Number:** (201)226-9246

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

**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:	5000-1-1748
NAME OF SUBMITTER:	STEVE CHA
SIGNATURE:	/Steve Cha/
DATE SIGNED:	05/04/2016

503811206 PATENT REEL: 038453 FRAME: 0074

### **Total Attachments: 4**

source=5000-1-1748\_Assignment#page1.tif

source=5000-1-1748\_Assignment#page2.tif

source=5000-1-1748\_Assignment#page3.tif

source=5000-1-1748\_Assignment#page4.tif

PATENT REEL: 038453 FRAME: 0075

Docket No.: 5000-1-1748

Client Ref.: P22499-US/DMC(GM-201411-039-1-US0)

# **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) Sang-Eun KIM of #501, 12, Baekjegobun-ro 14-gil, Songpa-gu, Seoul, Republic of Korea
- 2) Ki-Young KWON of #103-904, Gilhun 1-cha APT., 19, Daeji-ro, Suji-gu, Yongin-si, Gyeonggi-do, Republic of Korea
- 3) Kyung-Hwan KIM of #101-902, LG 1-cha Village APT., 86, Seongbok 2-ro, Suji-gu, Yongin-si, Gyeonggi-do, Republic of Korea
- 4) Ji-Hoon PARK of #155-106, Hwanggolmaeul APT., 498, Yeongtong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea
- 5) Tae-Yoon AN of #504, 87, Dongsuwon-ro 146beon-gil, Gwonseon-gu, Suwon-si, Gyeonggi-do, Republic of Korea
- 6) Tae-Won UM of # 209-1805, Hangaram APT., 201, Ichon-ro, Yongsan-gu, Seoul, Republic of Korea
- 7) In-Ho OH of #202-801, Jukjeon Firsthaim APT., 49, Daeji-ro, Suji-gu, Yongin-si, Gyeonggi-do, Republic of Korea
- 8) Jae-Woong CHOI of #1131, Seohee Starhills, 19, Dogok-ro 3-gil, Gangnam-gu, Seoul, 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, 16677, 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:

ROTARY INPUT DEVICE AND ELECTRONIC DEVICE ADOPTING THE SAME

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: Sang-Eun KIM	Sehn	
Traine of 1 mgc Inventor. Bung European	Annual Control of the	Signature of inventor
	Dated:	May 4 2016
	WITNESS	SED:
Name of Second Inventor: Ki-Young KWON	3	
		Signature of inventor
	Dated:	May & 2016
	WITNESS	SED:

Name of Third Inventor: Kyung-Hwan KIM	Signature of inventor  Dated: May 4, 706  WITNESSED:
Name of Fourth Inventor: Ji-Hoon PARK	Signature of inventor  Dated: May 4, mlb  WITNESSED:
Name of Fifth Inventor: Tae-Yoon AN	Signature of inventor  Dated:May \( \frac{4}{5} \) \( \no \) [6  WITNESSED:
Name of Sixth Inventor: Tae-Won UM	Signature of inventor  Dated:May \( \infty \) \( \infty \) \( \text{WITNESSED:}
Name of Seventh Inventor: In-Ho OH	Signature of inventor  Dated: May 4, 2016  WITNESSED:

Name of Eighth Inventor: Jae-Woong CHOI	Zall N	
	Signature of inventor	
	Dated: May 4. 7016	
	WITNESSED:	