

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference SH-48897-PCT	<b>FOR FURTHER ACTION</b>	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. <b>PCT/KR2015/004564</b>	International filing date ( <i>day/month/year</i> ) <b>07 May 2015 (07.05.2015)</b>	(Earliest) Priority Date ( <i>day/month/year</i> ) 07 May 2014 (07.05.2014)
Applicant <b>SAMSUNG ELECTRONICS CO., LTD.</b>		

This International search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

a. With regard to the **language**, the international search was carried out on the basis of:

- the international application in the language in which it was filed  
 a translation of the international application into \_\_\_\_\_, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b.  This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)).

c.  With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2.  **Certain claims were found unsearchable** (See Box No. II)

3.  **Unity of invention is lacking** (See Box No. III)

4. With regard to the **title**,

- the text is approved as submitted by the applicant.  
 the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

- the text is approved as submitted by the applicant.  
 the text has been established, according to Rule 38.2, by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 1  
 as suggested by the applicant.  
 as selected by this Authority, because the applicant failed to suggest a figure.  
 as selected by this Authority, because this figure better characterizes the invention.
- b.  none of the figures is to be published with the abstract.

**A. CLASSIFICATION OF SUBJECT MATTER****G06F 3/048(2006.01)i, G06F 3/01(2006.01)i**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**Minimum documentation searched (classification system followed by classification symbols)  
G06F 3/048; G04G 9/00; G02B 27/02; H04Q 5/22; G09G 5/00; G06F 3/01Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Korean utility models and applications for utility models  
Japanese utility models and applications for utility modelsElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
eKOMPASS(KIPO internal) & Keywords:wearable device, home screen, user interface, wireless network, control**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2006-0255963 A1 (R. DONALD THOMPSON et al.) 16 November 2006 See paragraphs [0001]-[0002], [0019], [0032], [0036], [0039], [0046], [0048], [0051]; and figure 1.	1,3,17,19,23
Y		2,4-16,18,20-22
Y	US 2013-0254705 A1 (DAVID J. MOORING et al.) 26 September 2013 See paragraphs [0030], [0042], [0059]; and figure 3A.	2,4-16,18,20-22
A	US 2012-0092383 A1 (JRG HYSEK et al.) 19 April 2012 See paragraphs [0052], [0069]; and figure 2.	1-23
A	US 2009-0146947 A1 (JAMES NG) 11 June 2009 See paragraph [0024]; and figure 1.	1-23
A	WO 2014-021602 A2 (INTELLECTUAL DISCOVERY CO., LTD.) 06 February 2014 See paragraphs [0147]-[0148]; and figure 7.	1-23

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

11 July 2015 (11.07.2015)

Date of mailing of the international search report

**13 July 2015 (13.07.2015)**

Name and mailing address of the ISA/KR

International Application Division  
Korean Intellectual Property Office  
189 Cheongsu-ro, Seo-gu, Daejeon Metropolitan City, 302-701,  
Republic of Korea

Facsimile No. +82-42-472-7140

Authorized officer

LEE, Dong Yun

Telephone No. +82-42-481-8734



**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

**PCT/KR2015/004564**

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2006-0255963 A1	16/11/2006	US 7605714 B2	20/10/2009
US 2013-0254705 A1	26/09/2013	EP 2828732 A1 KR 10-2015-0067086 A WO 2013-142049 A1	28/01/2015 17/06/2015 26/09/2013
US 2012-0092383 A1	19/04/2012	CH 701440 A2 EP 2449434 A1 EP 2449434 B1 HK 1165025 A1 JP 05572704 B2 JP 2012-531607 A WO 2011-000893 A1	14/01/2011 09/05/2012 05/03/2014 11/07/2014 13/08/2014 10/12/2012 06/01/2011
US 2009-0146947 A1	11/06/2009	None	
WO 2014-021602 A2	06/02/2014	KR 10-2014-0017734 A KR 10-2014-0017735 A US 2015-0156196 A1 WO 2014-021602 A3	12/02/2014 12/02/2014 04/06/2015 27/03/2014