Exhibit 12

U.S. Patent No. 8,526,767 ("'767 Patent")

Invalidity Chart Based On Primary Reference U.S. Patent Application Publication No. 2007/017690

WARREN qualifies as prior art to U.S. Patent No. 8,526,767 ("'767 Patent") at least under 35 U.S.C. § 102(a) a
alone or with other references, renders obvious one or more of claims 1-3, 6, and 11-14. To the extent WARREI
one or more limitations of the claims, it would have been obvious to combine the teachings of WARREN with th
of ordinary skill in the art and with one or more of the references below to render the claims at-issue in the '767

- U.S. Patent Application Publication No. 2009/0284478 ("BALTIERRA")
- U.S. Patent Application Publication No. 2007/0247435 ("BENKO")
- U.S. Patent No. 8,519,965 ("CADY")
- U.S. Patent Application Publication No. 2009/0325643 ("HAMADENE")
- Japanese Laid-Open Patent Application Gazette H09-231004 ("KATOU")
- U.S. Patent Application Publication No. 2009/0213084 ("KRAMER")
- U.S. Patent Application Publication No. 2010/0020025 ("LEMORT")
- U.S. Patent Application Publication No. 2008/0046425 ("PERSKI")
- International Patent Publication No. WO 00/63874 ("STRINGER")
- U.S. Patent Application Publication No. 2008/0036743 ("WESTERMAN")
- U.S. Patent Application Publication No. 2009/0225039 ("WILLIAMSON")
- U.S. Patent Application Publication No. 2007/0046643 ("HILLIS") (prior art under at least 35 U.S.C. §1
- U.S. Patent Application Publication No. 2006/0066582 ("LYON") (prior art under at least 35 U.S.C. §10
- U.S. Patent Application Publication No. 2007/0152984 ("ORDING") (prior art under at least 35 U.S.C. §
- U.S. Patent Application Publication No. 2007/0291009 ("WRIGHT") (prior art under at least 35 U.S.C. §
- Admitted Prior Art

The excerpts cited herein are exemplary. For any claim limitation, Samsung may rely on excerpts cited for any
additional excerpts not set forth fully herein to the extent necessary to provide a more comprehensive explanatio
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These invalidity contentions are not an admission by Samsung that the accused products or components, includi[ng]
version of these products or components, are covered by, or infringe the asserted claims, particularly when these
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concede or acquiesce that any asserted claim satisfies the requirements of 35 U.S.C. §§ 112 or 101 and submits t[hese]
contentions only to the extent Plaintiff's assertions may be understood.

Asserted Claims	_Exemplary Disclosures_
Claim 1	
[1.pre] A touch sensor device comprising:	WARREN, alone or in combination with the knowledge of a person of ordir discloses and/or renders obvious the touch sensor device recited in claim 1.
	WARREN at Abstract:
	"A proximity sensor device and method is provided that facilitates improved Specifically, the proximity sensor device and method provide a user with the cause different results in an electronic system using a proximity sensor devi For example, it can be used to facilitate user interface navigation, such as dr As another example, it can be used to facilitate value adjustments, such as cl parameter. In general, the proximity sensor device is adapted to distinguish l object combination motions, determine relative temporal relationships betwe and generate user interface results responsive to the motions. This allows a u generate different results using the motion of two different object combinati
	WARREN at [0002]:
	"This invention generally relates to electronic devices, and more specifically sensor devices and using a touch sensor device for producing user interface
	WARREN at [0003]:
	"Proximity sensor devices (also commonly called touch pads or touch senso used in a variety of electronic systems. A proximity sensor device typically region, often demarked by a surface, which uses capacitive, resistive, induct and/or other technology to determine the presence, location and/or motion o fingers, styli, and/or other objects. The proximity sensor device, together wi other object(s), can be used to provide an input to the electronic system. For sensor devices are used as input devices for larger computing systems, such integral within notebook computers or peripheral to desktop computers. Pro are also used in smaller systems, including: handheld systems such as perso

Asserted Claims	*Exemplary Disclosures*
	(PDAs), remote controls, communication systems such as wireless telephon[...] messaging systems. Increasingly, proximity sensor devices are used in medi[...] CD, DVD, MP3, video or other media recorders or players." WARREN at [0011]: "The present invention provides a proximity sensor device and method that [...] system usability. Specifically, the proximity sensor device and method prov[...] ability to easily cause different results in an electronic system using a proxi[...] a user interface. For example, it can be used to facilitate user interface navig[...] dragging and scrolling. As another example, it can be used to facilitate value[...] as changing a device parameter. In general, the proximity sensor device is a[...] between different object combination motions, determine relative temporal [...] those motions, and generate user interface results responsive to the motions.[...] proximity sensor device is adapted to indicate a first result responsive to det[...] first object combination, indicate a second result responsive to detected mot[...] object combination, the second result different from the first result, and indi[...] responsive to detected motion of the first object combination following the [...] the second object combination, the third result different from first result and[...] This allows a user to selectively generate different results using the motion [...] object combinations." WARREN at [0012]: "In one specific embodiment, the proximity sensor device is implemented t[...] cursor movement with selection, commonly referred to as "dragging" using [...] object combinations. For example, the proximity sensor device is implemen[...] selection with cursor movement responsive to detected motion of two adjace[...] sensing region, indicate selection without cursor movement responsive to de[...] object across the sensing region when the detected motion of one object acr[...] region followed the detected motion of two adjacent objects across the sensi[...] intervening termination event, and indicate further selection with cursor mov[...] detected motion of two adjacent objects across the sensing region when the [...]

Asserted Claims	_Exemplary Disclosures_
	two adjacent objects across the sensing region followed the detected motion the sensing region that followed the detected motion of the adjacent objects region. This facilitates use of the proximity sensor device by a user to indica extended dragging, and is particularly useful for indicating continuing adjus to facilitate dragging an object over a large distance or scrolling through a la allows a user to continue to drag an object without requiring the user to perf gestures on the proximity sensor device or activate extra control buttons." WARREN at [0020]: "The present invention provides a proximity sensor device and method that system usability. Specifically, the proximity sensor device and method prov ability to easily cause different results in an electronic system using a proxin a user interface. For example, it can be used to facilitate user interface navig dragging and scrolling." WARREN at [0021]: "To cause selective results the proximity sensor device is adapted to distingu different object combination motions, determine relative temporal relationsh motions, and generate user interface results responsive to the motions. Speci proximity sensor device is adapted to indicate a first result responsive to det first object combination, indicate a second result responsive to detected mot object combination, the second result different from the first result, and indi responsive to detected motion of the first object combination following the of the second object combination, the third result different from first result and This allows a user to selectively generate different results using the motion of object combinations." WARREN at [0024]: "In operation, proximity sensor device 116 suitably detects a position of styl other input object within sensing region 118, and using processor 119, provi electronic indicia of the position to the electronic system 100. The system 10

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