

EXHIBIT 1

Exhibit A for US Patent No. 8,213,970 Against LG Accused Products

In these Infringement Contentions, AGIS Software Development LLC (“AGIS”) contends that at least the following U.S. Patent No. 8,213,970 (the “’970 Patent”) identified below are infringed by the Accused Products (*e.g.*, phones) that are manufactured, sold, offered for sale, and/or used by LG Electronics, Inc. (“LG”).

The Accused Products comprise LG products running the Android mobile operating system and manufactured during and after 2011. For example, the Accused Products comprise the following Android-based phones: V30 (H932, H932U, VS996, US998, AS998), X charge (US601, SP320, M327, M322), Q6 (US700), G6+ (US997U), AS993, H871, H872, LS993), Fiesta 2 (L173BL, L164VL), V20 (LS997, H910, H918, US996, VS995), X venture (L64VL), Stylo 3 (LS777), Stylo 3 Plus (MP450, TP450), Tribute HD (LS676), Rebel 2 (L57BL, L58BL, L58VL), Fiesta 1 (L64VL), Stylo 3 LTE (L83BL, L84VL), K20 plus (MP260, TP260), Grace LTE (L59BL), K3 (AS110, US110, LS777, M430), Phoenix 3 (M150), Risio 2 (M154), K8 2017 (US215), Stylo 2 V (VS835), K20 (M255, RS501), Aristo (M210), Harmony (M257), G5 (VS987, AS992, H820, H830, LS992, RS988, US992), Aristo Silver (MS210), Blue (MS210UK), Stylo 2 Plus (MS550BK, K550), Fortune (M153), Tribute HD (LS676), X power (K212, K450), K10 (MS428, K425, K428SG), Stylo 2 (LS775, K540), G Vista (VS880), Escape 3 (K373), Classic (L18VC), Rebel (L44VL), Treasure LTE (L51AL, L52VL), Premier LTE (L61AL, L62VL), Stylo 2 LTE (L82VL), K7 (MS330, AS330, RS500, US375), G4 (US991), K4 (VS425), Optimus Zone 3 (VS425PP), K8 V (VS500, VS500PP), Phoenix 2 (LS675), Spree (K120), G Vista 2 (H740), Escape 2 (H443), Risio (H343), Access LTE (L31L), Leon LTE (H343), (H631, MS631, H634, LS770), Volt 2 (LS751), Tribute 2 (LS665), Escape 2 (H445), Logos (US550), Transpyre (D850, LS990, D851, AS985, VS985, AS990, US990), Ultimate 2 (L41C), Tribute (LS660), G3 Vigor (D725), Vista (D631), Volt (LS740), Optimus Fuel (L34C), Optimus L90 (D415), Optimus F3Q (D520), D820 (D820), C (D801, LS980), Optimus F6 (D500), Enact (VS890), Optimus F3 (VM720, LS720), Rumor Reflex S (LN272S), C (US780), Optimus F5 (AS870), Optimus G Pro (E980), Lucid2 (VS870), Spirit 3G (MS870), LGE960 (LGE960), (LW770), Mach (LS860), Optimus G (LS970, E970), Optimus L9 (P769), Venice (LG730), Escape (P870), Spectra (MS695), Splendor (US730), Intuition (VS950), Motion 4 (MS770), Optimus Plus (AS695), Elite (LS696), Viper (LS840), (MS695), Lucid (VS840), Nitro (P930), Spectrum (VS920), Marquee (LG855), Connect 4G (MS830), Optimus C (AS680), Ignite (AS855), myTouch Q (LGC800DG, LGC800VL), Optimus One (P504), myTouch (LGE739B), (C729), Optimus Slider (VM701), Esteem (MS910), Enlighten (VS700), Marquee (LS855), Thrill 4G (P925), Rebel (US760), Genesis (US760), G2x (P999), Thrive (P506), Phoenix (P505), Optimus C (LW690), Optimus V (WM670), Optimus M (MS690), Axis (LGAS740), Apex (US740), Vortex (VS660), Optimus S (LS670), Ally (VS740), and

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AGIS reserves the right to amend this list of accused phones as discovery progresses. For example, the Accused Products comprise the following Android-based tablets: G Pad F2 8.0 (LK460), G Pad X II 8.0 Plus (V530), G Pad X II 10.1 (UK730), G Pad X II 10.1 1st Gen (AK495, UK495), G Pad X 8.0 (V520, V521), G Pad II 10.1 Full HD (V940N), G Pad X 10.1 (V930), G Pad X 10.1 1st Gen (V480), G Pad 10.1 (V700), G Pad 7.0 (V400), G Pad F 8.0 1st Gen (AK495, V495, V496, UK495), G Pad F 8.0 2nd Gen (V495, V496, UK495, VK810), G Pad F 7.0 (LK430), G Pad 7.0 LTE (VK410, UK410, V410), G Pad 10.1 LTE (VK700), G Pad 8.3 (V510), G Pad 8.3 Black (V500). AGIS reserves the right to amend this list of accused tablets as discovery progresses. The Accused Products comprise LG products, including but not limited to the phones and tablets as described herein, running the following versions (and all intervening updates and sub-versions) of the Android mobile operating system: Android 4.3, 4.4, 5.0, 5.1, 6.0, 7.0, 7.1, 8.0, and 8.1. For example, the Accused Products comprise LG products, including but not limited to the phones and tablets as described herein, running any versions of the following Android-based applications and/or services: Device Manager, Find My Phone, Find My Device, Google Latitude, Google Plus, Google Hangouts, Google Maps, Google Search, Google Messages, Android Messenger, Google Allo, Google Duo, Gmail, and Google Chrome. The Accused Products comprise LG products, including but not limited to the phones and tablets described herein, providing any networks and/or services related to the execution and/or use of the Android mobile operating system versions and/or applications and/or software described herein.

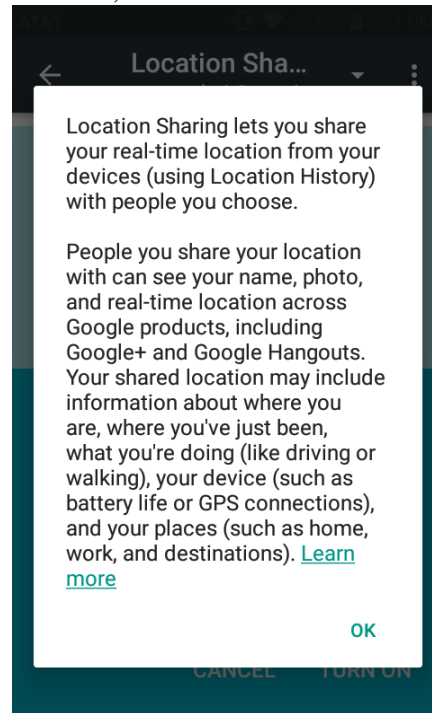
AGIS does not concede that any claims of the '970 Patent that are not listed below are not infringed by the Accused Products. Moreover, the citations to certain documents and other information below are intended to be exemplary only and are not intended to limit AGIS from citing or relying on additional documents, information, source code, and/or testimony at a later time. The information below are preliminary in nature, and an analysis of LG's products, internal documentation, source code, and/or testimony of witnesses may more fully and accurately describe the infringing features of its accused products. Accordingly, AGIS reserves the right to supplement, correct, modify, and/or amend these contentions once such additional information is made available. Furthermore, AGIS reserves the right to supplement, correct, modify, and/or amend these contentions as discovery progresses; in view of the Court's claim construction order(s); in view of any positions taken by LG, including but not limited to positions on claim construction, invalidity, and/or non-infringement; and in connection with the preparation and filing of reports.

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Claim	Accused Products
<p>1[P]. A communication system for transmitting, receiving, confirming receipt, and responding to an electronic message, comprising: a predetermined network of participants, wherein each participant has a similarly equipped PDA/cell phone that includes a CPU and a touch screen display a CPU and memory;</p>	<p>The Accused Products together constitute a “communication system” for receiving, confirming receipt, and responding to an electronic message, over a predetermined network of participants, wherein each participant has a similar PDA/cell phone that includes a CPU and a touch screen display, a CPU, and memory.</p> <p>LG makes, uses, sells, and otherwise provides this communication system by manufacturing, selling, and importing Android OS devices such as Accused Products.</p> <p>The Accused Products meet the claim limitations by providing device-location tracking features such as those features described below. For example, the Accused Products meet the claim limitations because they are pre-installed with Android mobile operating system applications containing code for providing device-location tracking features as provided by the claim limitations herein. For example, the Accused Products run applications and use components of the Android mobile operating system to provide device-location tracking features. Upon installation of the Android mobile operating system, the following applications and/or software run within the Android mobile operating system and use components of the Android mobile operating system to provide device-location tracking features: Android Device Manager, Find My Device.</p> <p>Android Device Manager is the predecessor to Find My Device and has been a standard, pre-installed feature since 2013 and downloadable as a software application. In the current iteration, Find My Device, often called the “new and improved Android Device Manager” or “rebranded Android Device Manager” is now part of the standard Android OS Protect suite which is “built in and enabled on all devices,” i.e., the Accused Products. AGIS sets forth the Find My Device feature of the Accused Products as a representative of this method. AGIS reserves the right to supplement the information provided to the extent that LG requires additional information in accordance with P.R. 3.1. This is the reason for which it may deem necessary.</p>

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See, e.g., <https://www.androidcentral.com/find-my-device>;
<https://support.google.com/android/answer/6160491?hl=en>;
<https://android.googleblog.com/2013/08/find-your-lost-phone-with-android>;
<https://play.google.com/store/apps/details?id=com.google.android.apps.location>;
<https://www.blog.google/products/android/google-play-protect/>
Each “Google Account” is associated with a pre-determined number of devices, each having a CPU and a touchscreen, and which are registered when a customer acquires the Product, such as a LG Android OS based device.



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