



*Uniloc USA, LLC et al. v. Samsung Electronics America, Inc.*, Case No. 2:18-cv-00309-JRC  
Exhibit A to Infringement Contentions – Claim Chart for U.S. Pat. No. 6,836,654

Uniloc has prepared these contentions based on the opinion of those of skill in the art as to how the Accused Instruments operate, based on statements of the Defendants and the characteristics of the technical standards to which Defendants conform. Uniloc will update these contentions, upon confirmation through discovery of how the Accused Instruments

Claim	Accused Instrumentalities
<p>1pre. A mobile radiotelephony device, comprising:</p>	<p>The Accused Instrumentalities are mobile radiotelephony devices.</p> <p>For example, the Samsung Galaxy Note8 is a smartphone with mobile telephone capabilities,</p> <div data-bbox="483 1087 831 1705" data-label="Image"></div> <p>Galaxy Note8</p> <p><u>Source:</u> <a href="https://www.samsung.com/us/mobile/galaxy/">https://www.samsung.com/us/mobile/galaxy/</a></p>

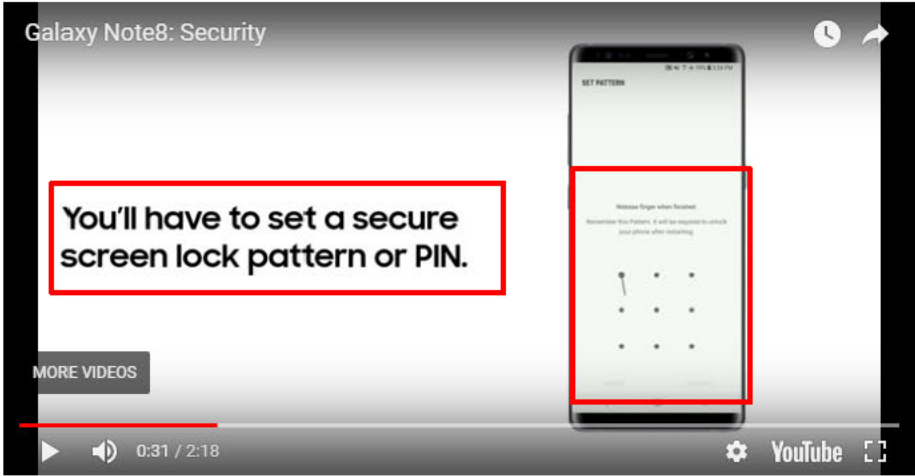
*Uniloc USA, LLC et al. v. Samsung Electronics America, Inc.*, Case No. 2:18-cv-00309-JF  
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Claim	Accused Instrumentalities																												
	<div data-bbox="454 747 1624 1270"> <p><b>Samsung Galaxy Note8</b></p>  <ul style="list-style-type: none"> <li>Released 2017, September</li> <li>195g, 8.6mm thickness</li> <li>Android 7.1.1</li> <li>64/128/256GB storage, microSD card slot</li> </ul> <p>20% 13,196,025 HITS</p> <p>1644 BECOME A FAN</p> <p>6.3" 1440x2960 pixels</p> <p>12MP 2160p</p> <p>6GB RAM Exynos 8895 Octa</p> <p>3300mAh Li-Ion</p> <p>REVIEW    OPINIONS    COMPARE    PICTURES    360° VIEW</p> <p><b>Source:</b> <a href="https://www.gsmarena.com/samsung_galaxy_note8-8505.php">https://www.gsmarena.com/samsung_galaxy_note8-8505.php</a></p> </div> <div data-bbox="454 1344 1624 1438"> <p><b>Network &amp; Connectivity</b>    Wi-Fi 802.11 a/b/g/n/ac (2.4/5GHz), VHT80 MU-MIMO, 1024QAM              Bluetooth® v 5.0 (LE up to 2Mbps), ANT+, USB Type-C, NFC, Location (GPS, Galileo, Glonass, BeiDou)</p> <p><b>Source:</b> <a href="https://www.samsung.com/us/galaxy/note8/specs/">https://www.samsung.com/us/galaxy/note8/specs/</a></p> </div> <div data-bbox="454 1543 1624 1858"> <table border="1"> <thead> <tr> <th>NETWORK</th> <th>Technology</th> <th>GSM / HSPA / LTE</th> <th>COLLAPSE</th> </tr> </thead> <tbody> <tr> <td>2G bands</td> <td></td> <td>GSM 850 / 900 / 1800 / 1900 - SIM 1 &amp; SIM 2 (dual-SIM model only)</td> <td></td> </tr> <tr> <td>3G bands</td> <td></td> <td>HSDPA 850 / 900 / 1700(AWS) / 1900 / 2100</td> <td></td> </tr> <tr> <td>4G bands</td> <td></td> <td>LTE band 1(2100), 2(1900), 3(1800), 4(1700/2100), 5(850), 7(2600), 8(900), 12(700), 13(700), 17(700), 18(800), 19(800), 20(800), 25(1900), 26(850), 28(700), 32(1500), 38(2600), 39(1900), 40(2300), 41(2500), 66(1700/2100)</td> <td></td> </tr> <tr> <td>Speed</td> <td></td> <td>HSPA 42.2/5.76 Mbps, LTE-A (5CA) Cat16 1024/150 Mbps</td> <td></td> </tr> <tr> <td>GPRS</td> <td></td> <td>Yes</td> <td></td> </tr> <tr> <td>EDGE</td> <td></td> <td>Yes</td> <td></td> </tr> </tbody> </table> <p><b>Source:</b> <a href="https://www.gsmarena.com/samsung_galaxy_note8-8505.php">https://www.gsmarena.com/samsung_galaxy_note8-8505.php</a></p> </div>	NETWORK	Technology	GSM / HSPA / LTE	COLLAPSE	2G bands		GSM 850 / 900 / 1800 / 1900 - SIM 1 & SIM 2 (dual-SIM model only)		3G bands		HSDPA 850 / 900 / 1700(AWS) / 1900 / 2100		4G bands		LTE band 1(2100), 2(1900), 3(1800), 4(1700/2100), 5(850), 7(2600), 8(900), 12(700), 13(700), 17(700), 18(800), 19(800), 20(800), 25(1900), 26(850), 28(700), 32(1500), 38(2600), 39(1900), 40(2300), 41(2500), 66(1700/2100)		Speed		HSPA 42.2/5.76 Mbps, LTE-A (5CA) Cat16 1024/150 Mbps		GPRS		Yes		EDGE		Yes	
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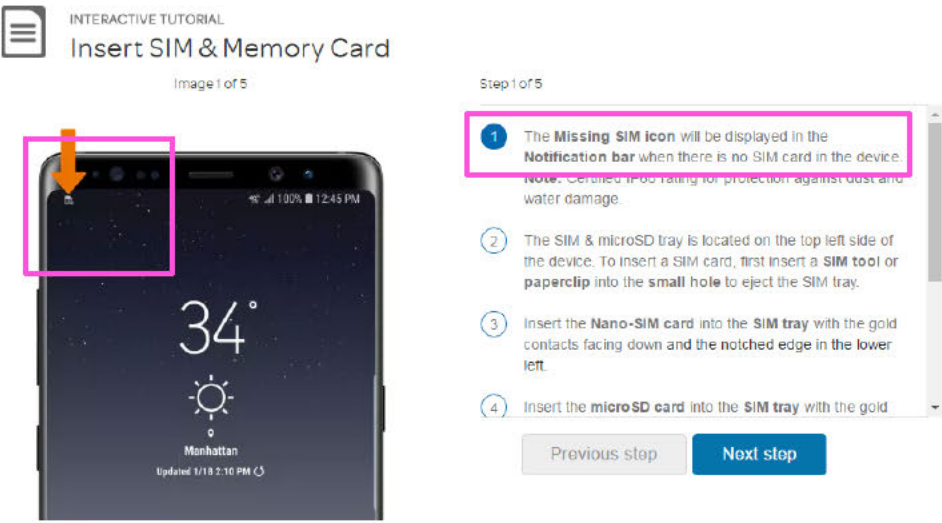




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Claim	Accused Instrumentalities
	<p><b>Source:</b> <a href="https://www.pocket-lint.com/phones/news/samsung/142136-samsung-galaxy-note-s-pen-is-mightier-than-the-sword">https://www.pocket-lint.com/phones/news/samsung/142136-samsung-galaxy-note-s-pen-is-mightier-than-the-sword</a></p> <p>Quick Dial is easy to toggle on (Settings → Advanced Features → Galaxy Labs → Quick Dial). Once enabled, you can access the feature by a <b>long press of the home key</b> from any screen, even when the display is off. <u>If your phone is locked with fingerprint, you can use Quick Dial after unlocking the phone.</u></p> <p><b>Source:</b> <a href="https://news.samsung.com/global/quick-dial-the-easy-fast-way-to-make-a-phone-c">https://news.samsung.com/global/quick-dial-the-easy-fast-way-to-make-a-phone-c</a></p>  <p><b>Source:</b> <a href="https://www.phonearena.com/news/Samsung-Galaxy-Note-8-Security-video_id985">https://www.phonearena.com/news/Samsung-Galaxy-Note-8-Security-video_id985</a></p> <p>If this term is determined to be governed by 35 U.S.C. § 112(6), the identity of the structure material(s) in the Accused Instrumentality that performs the claimed function is found with explanation above. Further structure may include the Accused Instrumentalities' underlying components for carrying out the above, including combinations of hardware and software.</p>
1b.timing means for	The Accused Instrumentalities includetiming means for activating the blocking means in res radiotelephony device being inactive during the normal operation of the mobile radiotelepho

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<p>activating the blocking means in response to the mobile radiotelephony device being inactive during the normal operation of the mobile radiotelephony device for a defined period of time subsequent to a mounting of a linked user identification module inside the mobile radiotelephony device, and</p>	<p>defined period of time subsequent to a mounting of a linked user identification module inside radiotelephony device.</p> <p>For instance, subsequent to a valid SIM card (user identification module) being inserted into Instrumentalities and the security functionality is enabled, access to the Accused Instrumentalities for a time period of 5 seconds, 15 seconds, 30 seconds, 1 minute, 2 minutes, 5 minutes or 10 minutes since the last interaction, as illustrated below.</p>  <p><b>Source:</b>  <a href="https://www.att.com/devicehowto/tutorial.html#!/interactive/id/interactive_1500016230?mainContentId=SamsungN950U">https://www.att.com/devicehowto/tutorial.html#!/interactive/id/interactive_1500016230?mainContentId=SamsungN950U</a></p>

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