Petitioner's Demonstratives
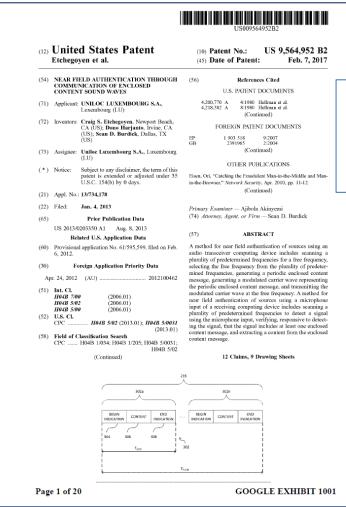
Google LLC
v.
Uniloc 2017 LLC

IPR2020-00756
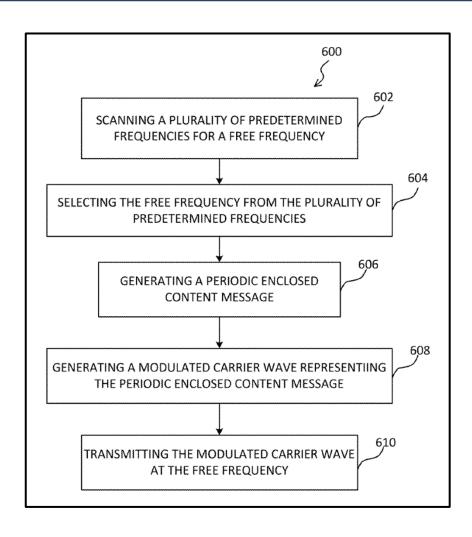
July 15, 2021

Challenged Patent: '952 Patent

U.S. Patent No. 9,564,952
"Near Field Authentication Through
Communication of Enclosed Content Sound Waves"

'952 Patent (Ex. 1001) at Cover Page.

'952 Patent: Near-Field Authentication Using Sound Waves

Petition (Paper 1) at 4;
'952 Patent (Ex. 1001) at Figure 6.

DEMONSTRATIVE EXHIBIT – NOT EVIDENCE

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Challenged Claims: '952 Patent

Claim 9	A method for near field authentication of a source, the source using an audio transceiver computing device, the method comprising: scanning a plurality of predetermined frequencies for a free frequency; selecting the free frequency from the plurality of predetermined frequencies; generating a periodic enclosed content message; generating a modulated carrier wave representing the periodic enclosed content message; and transmitting the modulated carrier wave at the free frequency; wherein each period of the periodic enclosed content message includes a begin indication, a content, and an end indication; wherein the content includes device identification data including a bit array derived from user-configurable and non-user-configurable data specific to the audio transceiver computing device; and wherein the modulated carrier wave comprises a sound wave.

Petition (Paper 1) at 5-6;
'952 patent (Ex. 1001) at 14:53-15:5.

DEMONSTRATIVE EXHIBIT – NOT EVIDENCE

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Challenged Claims: '952 Patent

Claim 10	The method of claim 9, wherein the transmitting step further comprises transmitting the modulated carrier wave for a predetermined number of periods, or a predetermined period of time.
Claim 11	The method of claim 9, wherein the transmitting step 10 further comprises transmitting the modulated carrier wave until a stop indication is received from a user.
Claim 12	The method of claim 9 wherein the carrier wave is modulated by the periodic enclosed content message.

Petition (Paper 1) at 6;
'952 patent at 15:6-14.

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