IN THE UNITED STATES DISTRICT COURT
FOR THE EASTERN DISTRICT OF TEXAS
TYLER DIVISION

UNILOC 2017, LLC Plaintiff, v. GOOGLE LLC, Defendant.	§ § § § § § §	CIVIL ACTION NO. 2-18-cv-00552 JURY TRIAL DEMANDED

JOINT CLAIM CONSTRUCTION CHART

Pursuant to Patent Rule 4-5(d) and the Court's Amended Docket Control Order, the parties

hereby submit the following Joint Claim Construction Chart for the claim terms for construction in

the patent-in-suit in Case No. 2-18-cv-00552, U.S. Patent No. 9,564,952 ("the '952 patent")

Date: February 6, 2020

/s/*Ryan S. Loveless* James L. Etheridge Texas Bar No. 24059147 Ryan S. Loveless Texas Bar No. 24036997 Brett A. Mangrum Texas Bar No. 24065671 Travis L. Richins Texas Bar No. 24061296 Jeff Huang Etheridge Law Group, PLLC 2600 E. Southlake Blvd., Suite 120 / 324 Southlake, TX 76092 Tel.: (817) 470-7249 Fax: (817) 887-5950 Jim@EtheridgeLaw.com Ryan@EtheridgeLaw.com Brett@EtheridgeLaw.com Travis@EtheridgeLaw.com Jeff@EtheridgeLaw.com ATTORNEYS FOR PLAINTIFF *Attorneys for Plaintiff* *Uniloc 2017*	/s/ *Tracy A. Stitt* Tharan Gregory Lanier tglanier@jonesday.com Michael C. Hendershot mhendershot@jonesday.com JONES DAY 1755 Embarcadero Road Palo Alto, CA 94303 Tel: (650) 739-3939 Tracy A. Stitt tastitt@jonesday.com JONES DAY 51 Louisiana Avenue NW Washington, DC 20001 Tel: (202) 879-3641 John D. Kinton jkinton@jonesday.com JONES DAY 4655 Executive Drive Suite 1500 San Diego, CA 92121 Tel: (858) 314-1190 Sanjiv P. Laud slaud@jonesday.com JONES DAY 90 South Seventh Street Suite 4950 Minneapolis, MN 55402 Tel: (612) 217-8879 Michael E. Jones State Bar No. 10929400 mikejones@potterminton.com E. Glenn Thames, Jr. State Bar No. 00785097 glennthames@potterminton.com Patrick C. Clutter State Bar No. 24036374 patrickclutter@potterminton.com POTTER MINTON, P.C. 110 N. College Ave., Suite 500 Tyler, Texas 75702 Tel: (903) 597-8311

CERTIFICATE OF SERVICE

I certify that on February 6, 2020 the foregoing document was served upon all counsel of record via email in accordance with the Federal Rules of Civil Procedure.

/ s/ *Ryan S. Loveless*
Ryan S. Loveless

Exhibit A: P.R. 4-5(d) Joint Claim Construction Chart

U.S. Patent No. 9,564,952

Claim Language	Terms of the '952 Patent	Uniloc's Constructions	Google's Constructions	Court's C
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" (claim 9)	plain and ordinary meaning (the preamble is not limiting)	"a computing device having both an audio transmitter and an audio receiver"	
	"free frequency" (claim 9)	"frequency determined by criteria"	"a single frequency which has a noise, interference, or signal level below a predetermined threshold"	
	"scanning a plurality of predetermined frequencies for a free frequency" (claim 9)	plain and ordinary meaning	"scanning a plurality of predetermined frequencies to identify a single free frequency"	
	"selecting the free frequency from the plurality of predetermined frequencies" (claim 9)	plain and ordinary meaning	"selecting the single free frequency from the plurality of predetermined frequencies"	
	"transmitting the modulated	plain and ordinary meaning	"transmitting the modulated carrier	

1

audio transceiver computing device; and wherein the modulated carrier wave comprises a sound wave. 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. 11. The method of claim 9, wherein the transmitting step further comprises **transmitting the modulated carrier wave until a stop indication is received from a user**. 12. The method of claim 9 wherein the carrier wave is modulated by the periodic enclosed content message.	carrier wave at the free frequency" (claim 9)		wave at the single free frequency selected from the plurality of predetermined frequencies"	
	"non-user-configurable data" (claim 9)	plain and ordinary meaning	"data that cannot be configured by a human user"	
	"user-configurable data" (claim 9)	plain and ordinary meaning	"data that can be configured by a human user"	
	"derived from user-configurable and non-user-configurable data specific to the audio transceiver computing device" (claim 9)	plain and ordinary meaning	"derived from user-configurable data specific to the audio transceiver computing device and non-user-configurable data specific to the audio transceiver computing device"	
	"transmitting the modulated carrier wave until a stop indication is received from a user" (claim 11)	plain and ordinary meaning	"transmitting the modulated carrier wave until the human user takes an action on the audio transceiver computing device that stops the transmission"	

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