

**IN THE UNITED STATES DISTRICT COURT
FOR THE EASTERN DISTRICT OF TEXAS
MARSHALL DIVISION**

KEYLESS LICENSING LLC,

Plaintiff,

v.

SAMSUNG ELECTRONICS CO., LTD, and
SAMSUNG ELECTRONICS AMERICA, INC.,

Defendants.

Case No. 2:24-cv-00464-JRG

JURY TRIAL DEMANDED

**PLAINTIFF'S DISCLOSURE OF ASSERTED CLAIMS AND INFRINGEMENT
CONTENTIONS PURSUANT TO PATENT LOCAL RULES 3-1 AND 3-2**

Plaintiff Keyless Licensing LLC (“Keyless” or “Plaintiff”) serves its Disclosure of Asserted Claims and Preliminary Infringement Contentions (“Disclosure”) regarding infringement of U.S. Patent Nos. 9,304,602 (“the ’602 Patent”), 10,976,922 (“the ’922 Patent”), and 11,503,144 (“the ’144 Patent”) (collectively, the “Patents-in-Suit” or the “Asserted Patents”) in accordance with Eastern District of Texas Patent Local Rules (“P.L.R.” or “Patent Local Rule(s)”) 3-1. A document production accompanies this disclosure in accordance with Patent Local Rule 3-2.

Plaintiff bases this Disclosure on its current knowledge, understanding, and belief as to the facts and information available as of the date of this Disclosure. Plaintiff has not yet completed its investigation, collection of information, discovery, or analysis relating to this action, and additional discovery, including discovery from Defendants Samsung Electronics America Inc., and Samsung Electronics Co. Ltd. (collectively, “Samsung” or “Defendants”) and third parties, may lead Plaintiff to amend, revise, and/or supplement this Disclosure. Plaintiff specifically

reserves the right to amend, revise, and/or supplement this Disclosure and/or accompanying exhibits in accordance with any Orders of record in this matter, Patent Local Rule 3-6, and Federal Rule of Civil Procedure 26(e), as additional documents, source code, and information become available and as discovery and investigation proceed. Plaintiff reserves the right to supplement, modify or amend the Disclosure to include additional products or services made, used, sold, or offered for sale in, or imported into, the United States by Samsung.

This Disclosure is made without prejudice to any position Keyless may take with respect to claim construction. Plaintiff reserves its right to supplement this Disclosure and exhibits based on the Court's claim construction. Plaintiff further reserves the right to introduce and use such supplemental materials at trial.

The information in this Disclosure is not an admission regarding the scope of any claims or the proper construction of those claims or any terms contained therein. The production of documents accompanying this Disclosure is not an admission that such documents are admissible, and Plaintiff does not waive any objections regarding admissibility. Plaintiff reserves the right to supplement its production of documents accompanying this disclosure upon identification or receipt of additional documents, including documents from third parties.

I. DISCLOSURE OF ASSERTED CLAIMS AND INFRINGEMENT CONTENTIONS (PATENT LOCAL RULE 3-1)

A. Asserted Claims (Patent Local Rule 3-1(a))

Patent	Asserted Claims
'602 Patent	1-13, 15-19, 21-36
'922 Patent	1-21
'144 Patent	1-5, 7-20

Plaintiff specifically reserves the right to amend, revise, and/or supplement its asserted claims and statutory bases as it acquires additional information about Samsung's activities, the

Accused Instrumentalities (referenced below), and any other additional Accused Instrumentalities that are identified.

B. Accused Instrumentalities (Patent Local Rule 3-1(b))

Plaintiff accuses Samsung smartphones and tablets of infringement of the Patents-in-Suit. Plaintiff identifies below Samsung smartphones and tablets of which it is presently aware. Plaintiff has identified Accused Instrumentalities by the name and model as described by Samsung on Samsung's publicly available website (e.g., <https://www.samsung.com/us/support/downloads/>). Plaintiff's list of model numbers is also based on its current investigation of publicly available model numbers listed on third-party websites. Plaintiff reserves the right to add additional products and model numbers as they are identified during discovery. To the extent that Samsung has renamed its products, the list of Accused Instrumentalities below should be read to include both prior naming and any renaming Samsung may adopt in the future.

“Accused Instrumentalities” with respect to the '602 Patent and '922 Patent means all Samsung Galaxy smartphones and tablets, including such products that implement OneUI, including without limitation:

- Galaxy S9, Galaxy S9+, Galaxy S10, Galaxy S10 Lite, Galaxy S10+, Galaxy S10e, Galaxy S20, Galaxy S20 FE, Galaxy S20 Ultra, Galaxy S20+, Galaxy S21, Galaxy S21 FE, Galaxy S21 Ultra, Galaxy S21+, Galaxy S22, Galaxy S22 FE, Galaxy S22 Ultra, Galaxy S22+, Galaxy S23, Galaxy S23 FE, Galaxy S23 Ultra, Galaxy S23+, Galaxy S24, Galaxy S24 FE, Galaxy S24 Ultra, Galaxy S24+;
- Galaxy Fold, Galaxy Z Fold2, Galaxy Z Fold3, Galaxy Z Fold4, Galaxy Z Fold5, Galaxy Z Fold6;
- Galaxy Z Flip, Galaxy Z Flip5G, Galaxy Z Flip3, Galaxy Z Flip4, Galaxy Z Flip5, Galaxy Z Flip6;
- Galaxy A01, Galaxy A02s, Galaxy A03s, Galaxy A6, Galaxy A10e, Galaxy A11, Galaxy A12, Galaxy A13, Galaxy A14, Galaxy A15, Galaxy A20, Galaxy A21, Galaxy

A23, Galaxy A25, Galaxy A32, Galaxy A35, Galaxy A42, Galaxy A50, Galaxy A51, Galaxy A52, Galaxy A53, Galaxy A54, Galaxy A71;

- Galaxy XCover Pro, Galaxy XCover6 Pro;
- Galaxy Note5, Galaxy Note8, Galaxy Note9, Galaxy Note10, Galaxy Note10+, Galaxy Note20, Galaxy Note20 FE, Galaxy Note20 Ultra;
- Galaxy Tab A, Galaxy Tab A7, Galaxy Tab A7 Lite, Galaxy Tab A8, Galaxy Tab A9+;
- Galaxy Tab S4, Galaxy Tab S5e, Galaxy Tab S6, Galaxy Tab S6 Lite, Galaxy Tab S7, Galaxy Tab S7 FE, Galaxy Tab S7+, Galaxy Tab S8, Galaxy Tab S8 Ultra, Galaxy Tab S8+, Galaxy Tab S9, Galaxy Tab S9 FE, Galaxy Tab S9 FE+, Galaxy Tab S9 Ultra, Galaxy Tab S9+;
- Galaxy View2;
- Galaxy J3, Galaxy J3 Achieve, Galaxy J3 Aura, Galaxy J3 Star, Galaxy J3 V;
- Galaxy J7, Galaxy J7 Prime, Galaxy J7 Refine, Galaxy J7 Star, Galaxy J7 V; and
- Galaxy Amp Prime 3, Galaxy Express Prime 3, Galaxy Sol 3;

including any editions, collaborations, model numbers, levels of connectivity (e.g., 4G, 5G, UW), and screen sizes for the identified models.

With respect to the '144 Patent, "Accused Instrumentalities" means all Samsung Galaxy smartphones, including without limitation:

- Galaxy S20, Galaxy S20 FE, Galaxy S20 Ultra, Galaxy S20+, Galaxy S21, Galaxy S21 Ultra, Galaxy S21+, Galaxy S22, Galaxy S22 Ultra, Galaxy S22+, Galaxy S23, Galaxy S23 FE, Galaxy S23 Ultra, Galaxy S23+, Galaxy S24, Galaxy S24 FE, Galaxy S24 Ultra, Galaxy S24+;
- Galaxy Z Fold3, Galaxy Z Fold4, Galaxy Z Fold5, Galaxy Z Fold6;
- Galaxy Z Flip3, Galaxy Z Flip4, Galaxy Z Flip5, Galaxy Z Flip6;
- Galaxy A03s, Galaxy A12, Galaxy A13, Galaxy A14, Galaxy A15, Galaxy A20, Galaxy A23, Galaxy A25, Galaxy A32, Galaxy A35, Galaxy A42, Galaxy A52, Galaxy A53, Galaxy A54;

- Galaxy XCover6 Pro;
- Galaxy Note10, Galaxy Note20, Galaxy Note20 Ultra;

including any editions, collaborations, model numbers, levels of connectivity (e.g., 4G, 5G, UW), and screen sizes for the identified models.

Patent	Asserted Claims	Accused Instrumentalities
'602 Patent	1-13, 15-19, 21-36	All Accused Instrumentalities (defined above) including all Samsung phones and tablets implementing OneUI, including without limitation Samsung's Galaxy S9, Galaxy S9+, Galaxy S10, Galaxy S10 Lite, Galaxy S10+, Galaxy S10e, Galaxy S20, Galaxy S20 FE, Galaxy S20 Ultra, Galaxy S20+, Galaxy S21, Galaxy S21 FE, Galaxy S21 Ultra, Galaxy S21+, Galaxy S22, Galaxy S22 FE, Galaxy S22 Ultra, Galaxy S22+, Galaxy S23, Galaxy S23 FE, Galaxy S23 Ultra, Galaxy S23+, Galaxy S24, Galaxy S24 FE, Galaxy S24 Ultra, Galaxy S24+; Galaxy Fold, Galaxy Z Fold2, Galaxy Z Fold3, Galaxy Z Fold4, Galaxy Z Fold5, Galaxy Z Fold6; Galaxy Z Flip, Galaxy Z Flip5G, Galaxy Z Flip3, Galaxy Z Flip4, Galaxy Z Flip5, Galaxy Z Flip6; Galaxy A01, Galaxy A02s, Galaxy A03s, Galaxy A6, Galaxy A10e, Galaxy A11, Galaxy A12, Galaxy A13, Galaxy A14, Galaxy A15, Galaxy A20, Galaxy A21, Galaxy A23, Galaxy A25, Galaxy A32, Galaxy A35, Galaxy A42, Galaxy A50, Galaxy A51, Galaxy A52, Galaxy A53, Galaxy A54, Galaxy A71; Galaxy XCover Pro, Galaxy XCover6 Pro; Galaxy Note5, Galaxy Note8, Galaxy Note9, Galaxy Note10, Galaxy Note10+, Galaxy Note20, Galaxy Note20 FE, Galaxy Note20 Ultra; Galaxy Tab A, Galaxy Tab A7, Galaxy Tab A7 Lite, Galaxy Tab A8, Galaxy Tab A9+; Galaxy Tab S4, Galaxy Tab S5e, Galaxy Tab S6, Galaxy Tab S6 Lite, Galaxy Tab S7, Galaxy Tab S7 FE, Galaxy Tab S7+, Galaxy Tab S8, Galaxy Tab S8 Ultra, Galaxy Tab S8+, Galaxy Tab S9, Galaxy Tab S9 FE, Galaxy Tab S9 FE+, Galaxy Tab S9 Ultra, Galaxy Tab S9+; Galaxy View2; Galaxy J3, Galaxy J3 Achieve, Galaxy J3 Aura, Galaxy J3 Star, Galaxy J3 V; Galaxy J7, Galaxy J7 Prime, Galaxy J7 Refine, Galaxy J7 Star, Galaxy J7 V; Galaxy Amp Prime 3, Galaxy Express Prime 3, Galaxy Sol 3, including any editions, collaborations, model numbers, levels of connectivity (e.g., 4G, 5G, UW), and screen sizes for the identified models.
'922 Patent	1-21	All Accused Instrumentalities (defined above) including all Samsung phones and tablets implementing OneUI, including without limitation Samsung's Galaxy S9, Galaxy S9+, Galaxy S10, Galaxy S10 Lite, Galaxy S10+, Galaxy S10e, Galaxy S20, Galaxy S20 FE, Galaxy S20 Ultra, Galaxy S20+, Galaxy S21, Galaxy S21 FE, Galaxy S21 Ultra, Galaxy S21+, Galaxy S22, Galaxy S22 FE, Galaxy S22 Ultra, Galaxy S22+, Galaxy S23, Galaxy S23 FE, Galaxy S23 Ultra, Galaxy S23+, Galaxy S24, Galaxy S24 FE, Galaxy S24 Ultra, Galaxy S24+; Galaxy

Patent	Asserted Claims	Accused Instrumentalities
		Fold, Galaxy Z Fold2, Galaxy Z Fold3, Galaxy Z Fold4, Galaxy Z Fold5, Galaxy Z Fold6; Galaxy Z Flip, Galaxy Z Flip5G, Galaxy Z Flip3, Galaxy Z Flip4, Galaxy Z Flip5, Galaxy Z Flip6; Galaxy A01, Galaxy A02s, Galaxy A03s, Galaxy A10e, Galaxy A11, Galaxy A12, Galaxy A13, Galaxy A14, Galaxy A15, Galaxy A20, Galaxy A21, Galaxy A23, Galaxy A25, Galaxy A32, Galaxy A35, Galaxy A42, Galaxy A50, Galaxy A51, Galaxy A52, Galaxy A53, Galaxy A54, Galaxy A71; Galaxy XCover Pro, Galaxy XCover6 Pro; Galaxy Note9, Galaxy Note10, Galaxy Note10+, Galaxy Note20, Galaxy Note20 FE, Galaxy Note20 Ultra; Galaxy Tab A, Galaxy Tab A7, Galaxy Tab A7 Lite, Galaxy Tab A8, Galaxy Tab A9+; Galaxy Tab S4, Galaxy Tab S5e, Galaxy Tab S6, Galaxy Tab S6 Lite, Galaxy Tab S7, Galaxy Tab S7 FE, Galaxy Tab S7+, Galaxy Tab S8, Galaxy Tab S8 Ultra, Galaxy Tab S8+, Galaxy Tab S9, Galaxy Tab S9 FE, Galaxy Tab S9 FE+, Galaxy Tab S9 Ultra, Galaxy Tab S9+; Galaxy View2, including any editions, collaborations, model numbers, levels of connectivity (e.g., 4G, 5G, UW), and screen sizes for the identified models.
'144 Patent	1-5, 7-20	All Accused Instrumentalities (defined above) including all Samsung Galaxy phones, including without limitation Samsung's Galaxy S20, Galaxy S20 FE, Galaxy S20 Ultra, Galaxy S20+, Galaxy S21, Galaxy S21 Ultra, Galaxy S21+, Galaxy S22, Galaxy S22 Ultra, Galaxy S22+, Galaxy S23, Galaxy S23 FE, Galaxy S23 Ultra, Galaxy S23+, Galaxy S24, Galaxy S24 FE, Galaxy S24 Ultra, Galaxy S24+; Galaxy Z Fold3, Galaxy Z Fold4, Galaxy Z Fold5, Galaxy Z Fold6; Galaxy Z Flip3, Galaxy Z Flip4, Galaxy Z Flip5, Galaxy Z Flip6; Galaxy A03s, Galaxy A12, Galaxy A13, Galaxy A14, Galaxy A15, Galaxy A20, Galaxy A23, Galaxy A25, Galaxy A32, Galaxy A35, Galaxy A42, Galaxy A52, Galaxy A53, Galaxy A54; Galaxy XCover6 Pro; Galaxy Note10, Galaxy Note20, Galaxy Note20 Ultra, including any editions, collaborations, model numbers, levels of connectivity (e.g., 4G, 5G, UW), and screen sizes for any identified model.

Plaintiff's identification of Accused Instrumentalities is based on its current knowledge, understanding, and belief as to the facts and information available as of the date of this Disclosure. Plaintiff specifically reserves the right to amend, revise, or supplement its identification of Accused Instrumentalities as it acquires additional information about the Accused Instrumentalities, including, but not limited to, discovery received from Samsung.

C. Claim Charts (Patent Local Rule 3-1(c))

Patent	Claim Chart
'602 Patent	Exhibit A [Samsung Smartphones and Tablets]
'922 Patent	Exhibit B [Samsung Smartphones and Tablets]
'144 Patent	Exhibit C [Samsung Smartphones]

The claim charts in Exhibit A are representative of all the Accused Instrumentalities listed under the category “The ’602 Patent Accused Instrumentalities (Samsung Smartphones and Tablets).”

The claim charts in Exhibit B are representative of all the Accused Instrumentalities listed under the category “The ’922 Patent Accused Instrumentalities (Samsung Smartphones and Tablets).”

The claim charts in Exhibit C are representative of all the Accused Instrumentalities listed under the category “The ’144 Patent Accused Instrumentalities (Samsung Smartphones).”

D. Literal Infringement or Infringement Under the Doctrine of Equivalents (Patent Local Rule 3-1(d))

Each limitation of the asserted claims is literally present in all the Accused Instrumentalities, as detailed in the attached claim charts. The claim charts include, on an element-by-element basis, a statement explaining how each claim element is literally present in the Accused Instrumentalities, which include Samsung smartphones and tablets.

Samsung directly or indirectly provides the Accused Instrumentalities to wholesalers, retailers, and end users of Samsung’s products in the United States. The wholesalers, retailers, and end users directly infringe the Patents-in-Suit by making, using, selling, offering for sale, and/or importing the Accused Instrumentalities in the United States. Samsung actively induces these acts of direct infringement by the wholesalers, retailers, and end users as demonstrated by the following facts: (A) Samsung aids, instructs, or otherwise acts with the intent to cause the wholesalers, retailers, and end users to perform acts of direct infringement. See, e.g., <https://www.samsung.com/us/support/answer/ANS10001611/> (providing user manuals for the Accused Instrumentalities); <https://www.youtube.com/@Samsung> (demonstrating use of the

Accused Instrumentalities); <https://www.youtube.com/watch?v=ulRYkjIpDOc> (introducing OneUI); <https://www.youtube.com/watch?v=wxwycoG41fc> (demonstrating OneUI 2); <https://www.youtube.com/watch?v=D0hF9Ys4PWA> (demonstrating OneUI 3); https://www.youtube.com/watch?v=_yiPIFGY4B0 (demonstrating OneUI 4); <https://www.youtube.com/watch?v=vruCVhuOGdU> (demonstrating OneUI 6). For example, Samsung's purpose and intent for providing the Accused Instrumentalities to wholesalers and retailers is for the wholesalers and retailers to offer, resell, and distribute the Accused Instrumentalities throughout the United States so that they can be purchased and used by end users. Such offers for sale, sales, and use of the Accused Instrumentalities constitute acts of direct infringement. (B) At least since the filing of the complaint in this action, Samsung has known of the Asserted Patents. (C) Samsung knew that the actions of wholesalers, retailers, and end users would infringe the Asserted Patents because their downstream offers for sale, sales, and use of the Accused Instrumentalities constitute acts of infringement. (D) Because the claims of the Asserted Patents read on the Accused Instrumentalities, every offer for sale, sale, or use of the Accused Instrumentalities in the United States constitutes an act of direct infringement.

Samsung also contributes to infringement of the Asserted Patents by offering to sell, selling (including licensing) and importing into the United States the Accused Instrumentality, which is especially made or adapted for use in an infringement of the Asserted Patents. The Accused Instrumentalities are a material component for use in practicing the Asserted Patents and are not a staple article of commerce suitable for substantial non-infringing use. For example, Samsung's Accused Instrumentalities constitute a material portion of the inventions of the Asserted Patents and have no substantial non-infringing uses. Samsung's clients, customers, and end users, direct or otherwise, cause the performance of each and every limitation of the asserted claims, as shown in the accompanying charts. Samsung is thereby liable for contributory infringement of the asserted claims of the patent under 35 U.S.C. § 271(c).

While Plaintiff contends that each claim element is literally present and present under the doctrine of equivalents, Plaintiff expressly reserves the right to amend its contentions to further

assert infringement under the doctrine of equivalents, as it obtains and analyzes the necessary discovery from Samsung, as well as any relevant third parties. Plaintiff also reserves the right to amend its infringement contentions after receiving the Court’s claim construction order.

This disclosure is based upon information that Plaintiff has been able to obtain publicly, as Samsung has not yet made any production of documents relating to the Accused Instrumentalities in this matter. Plaintiff reserves the right to supplement or amend these contentions as additional facts are ascertained during discovery.

Patent	Claim Chart
'602 Patent	Exhibit A [Samsung Smartphones and Tablets]
'922 Patent	Exhibit B [Samsung Smartphones and Tablets]
'144 Patent	Exhibit C [Samsung Smartphones]

E. Priority Dates (Patent Local Rule 3-1(e))

The asserted claims are entitled to the priority dates identified below.

Patent	Asserted Claims	Priority Date
'602 Patent	1-13, 15-19, 21-36	The asserted claims are entitled to a priority date at least as early as December 20, 2009, and possibly earlier than this date.
'922 Patent	1-21	The asserted claims are entitled to a priority date at least as early as February 17, 2013, and possibly earlier than this date.
'144 Patent	1-5, 7-20	The asserted claims are entitled to a priority date at least as early as April 18, 2003, and possibly earlier than this date.

F. Plaintiff’s Products (Patent Local Rule 3-1(f))

Keyless is not currently relying on its own products or methods as practicing the asserted claims of the Patents-in-Suit.

II. DOCUMENT PRODUCTION ACCOMPANYING DISCLOSURE (PATENT LOCAL RULE 3-2)

Pursuant to Patent Local Rule 3-2, Plaintiff identifies documents corresponding to the following categories by production number below:

Category	Production Bates Numbers
Documents (e.g., contracts, purchase orders, invoices, advertisements, marketing materials, offer letters, beta site testing agreements, and third party of joint development agreements) sufficient to evidence each discussion with, disclosure to, or other manner of providing to a third party, or sale of or offer to sell, the claimed invention prior to the date of application for the patent in suit. Plaintiff's production of any documents as required herein shall not constitute an admission that such document evidences or is prior art under 35 U.S.C. § 102. Patent R. 3-2(a).	Documents of this type will be produced insofar as Plaintiff has them. Plaintiff's investigation is ongoing, and it reserves the right to produce documents as discovery in this case continues.
All documents evidencing the conception, reduction to practice, design, and development of each claimed invention, which were created on or before the date of application for the patent in suit or the priority date identified pursuant to P.R. 3-1(e), whichever is earlier.	Documents of this type will be produced insofar as Plaintiff has them. Plaintiff's investigation is ongoing, and it reserves the right to produce documents as discovery in this case continues.
A copy of the file history for each patent in suit.	KL0000001-KL0001989

October 9, 2024

/s/ Robert F. Kramer

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CERTIFICATE OF SERVICE

The undersigned certifies that a copy of the foregoing document was served on counsel of record for Defendants via electronic mail on October 9, 2024.

/s/ Robert F. Kramer
Robert F. Kramer