

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

**ERICSSON INC., TELEFONAKTIEBOLAGET
LM ERICSSON, AND ERICSSON AB**

Plaintiff,

v.

**SAMSUNG ELECTRONICS CO., LTD., AND
SAMSUNG ELECTRONICS AMERICA, INC.,**

Defendants.

Civil Action No. 2:21-cv-1

JURY TRIAL

ORIGINAL COMPLAINT FOR PATENT INFRINGEMENT

Plaintiffs Ericsson Inc., Telefonaktiebolaget LM Ericsson, and Ericsson AB (collectively, “Ericsson”) file this Original Complaint for Patent Infringement against Samsung Electronics Co., Ltd. and Samsung Electronics America, Inc. (collectively, “Samsung”), and allege as follows:

The Parties

1. Plaintiff Ericsson Inc. is a Delaware corporation with its principal place of business at 6300 Legacy Drive, Plano, Texas 75024.
2. Plaintiff Telefonaktiebolaget LM Ericsson is a corporation organized under the laws of the Kingdom of Sweden with its principal place of business at Torshamnsgatan 21, Kista, 164 83, Stockholm, Sweden.
3. Plaintiff Ericsson AB is a corporation under the laws of the Kingdom of Sweden with its principal place of business at Torshamnsgatan 23, Kista, 16480, Stockholm, Sweden.

4. Ericsson owns a valuable portfolio of patents that are globally used in cellular handsets, smartphones, tablet computers, televisions, and many other electrical devices.

5. Defendant Samsung Electronics Co., Ltd. (“SEC”) is a Korean company with its principal place of business in Suwon, South Korea. SEC has an “Information Technology & Mobile Communications” division that is responsible for the design, manufacture, and sale of mobile devices, such as smartphones that operate on cellular networks around the world and in the United States.

6. Defendant Samsung Electronics America, Inc. (“SEA”) is a New York corporation with its principal place of business in Ridgefield Park, New Jersey, and it is a wholly-owned subsidiary of SEC. SEA imports into the United States and sells in the United States, including in this District, smartphones that operate on cellular networks in the United States.

Jurisdiction and Venue

7. This is an action arising under the patent laws of the United States, 35 U.S.C. § 271. This Court has subject matter jurisdiction under 28 U.S.C. §§ 1331 and 1338(a).

8. Venue proper in this judicial district under 28 U.S.C. §§ 1391 and 1400(b).

9. This Court has personal jurisdiction over Defendants Samsung. Samsung has continuous and systematic business contacts with the State of Texas. Samsung, directly or through subsidiaries or intermediaries (including distributors, retailers, and others), has negotiated with Ericsson in this District, and also conducts its business extensively throughout Texas, by shipping, distributing, offering for sale, selling, and advertising (including the provision of an interactive web page) its products and/or services in the State of Texas and the Eastern District of Texas. SEA, SEC’s wholly-owned subsidiary, maintains an office in Plano,

Texas, and is responsible for importing and selling smartphones, tablets, other mobile devices, and cellular network infrastructure equipment that operate on cellular networks in the United States, as well as televisions with wireless connectivity. SEC and SEA regularly do business or solicit business, engage in other persistent courses of conduct, and/or derive substantial revenue from products and/or services provided to individuals in the State of Texas.

10. SEC and SEA, directly and through subsidiaries or intermediaries (including distributors, retailers, and others), have purposefully and voluntarily placed one or more products and/or services in the stream of commerce that practice the Asserted Patents with the intention and expectation that they will be purchased and used by consumers in the Eastern District of Texas. These products and/or services have been and continue to be purchased and used by consumers in the Eastern District of Texas.

11. On information and belief the Samsung products accused of infringement in this case are manufactured, in whole or in part, by Samsung Electronics Thai Nguyen Co. Ltd., Samsung Electronics Vietnam Co., Ltd., and Samsung Electronics HCMC CE Complex, Co., Ltd., which are subsidiaries of Defendant Samsung Electronics Co., Ltd.

12. Ericsson Inc. is a corporation with its principal place of business in the Eastern District of Texas. Ericsson Inc. is a wholly-owned subsidiary of LME, and is responsible, among other things, for importing and selling cellular network infrastructure equipment to cellular carriers in the United States.

The Asserted Patents

13. U.S. Patent No. 7,151,430, entitled “Method of and Inductor Layout for Reduced VCO Coupling,” was duly and legally issued to inventor Thomas Mattson on December 19,

2006. Ericsson owns by assignment the entire right, title, and interest in the '430 patent and is entitled to sue for past and future infringement.

14. U.S. Patent No. 6,879,849, entitled "In-Built Antenna for Mobile Communication Device," was duly and legally issued to inventor Stjepan Begic on April 12, 2005. Ericsson owns by assignment the entire right, title, and interest in the '849 patent and is entitled to sue for past and future infringement.

15. U.S. Patent No. 7,286,823, entitled "Mobile Multimedia Engine," was duly and legally issued to inventors Mikael Reinholdsson, Erik Ledfelt, and Johan Svener on October 23, 2007. Ericsson owns by assignment the entire right, title, and interest in the '823 patent and is entitled to sue for past and future infringement.

16. U.S. Patent No. 9,313,178, entitled "Method and System for Secure Over-the-top Live Video Delivery," was duly and legally issued to inventors Kevin J. Ma, Robert Hickey, and Paul Tweedale on April 12, 2016. Ericsson owns by assignment the entire right, title, and interest in the '178 patent and is entitled to sue for past and future infringement.

Count I: Claim for Patent Infringement of the '430 Patent

17. Ericsson repeats and realleges the allegations in paragraphs 1-16 as if fully set forth herein.

18. Samsung has infringed, contributed to the infringement of, and/or induced infringement of the '430 patent by making, using, selling, offering for sale, or importing into the United States, or by intending that others make, use, import into, offer for sale, or sell in the United States, products and/or methods covered by one or more claims of the '430 Patent, and products which are made by a process covered by one or more claims of the '430 Patent, including, but not limited to, smartphones and other mobile devices and televisions with wireless

connectivity. The accused electronic devices with wireless connectivity that infringe one or more claims of the '430 patent include, but are not limited to, at least the Samsung Galaxy S20+5G and Samsung's The Frame, The Terrace, Q70T, Q80T, Q90T, Q800T, Q900TS, 32Q50, Q60T, TU8000, and TU8300 smart TVs.

19. For example, at least the Samsung Galaxy S20+5G and the Samsung 32Q50 Smart TV infringe at least claims 1, 11, and 20 of the '430 patent. Samsung makes, uses, sells, offers for sale, imports, exports, supplies or distributes within the United States these devices, which are covered by or made by a process covered by the claims of the '430 patent, and thus directly infringes the '430 patent.

20. Samsung indirectly infringes the '430 patent as provided by 35 U.S.C. § 271(b) by inducing infringement by others, such as resellers and end-user customers in this District and throughout the United States. For example, direct infringement is the result of activities performed by manufacturers, resellers, or end-users of the Samsung Galaxy S20+5G and the Samsung 32Q50 Smart TV, who perform each step of the claimed invention as directed by Samsung. Samsung received actual notice of the '430 patent at least as early as the filing of this Complaint.

21. Samsung's affirmative acts of selling the Galaxy S20+5G and the Samsung 32Q50 Smart TV, causing the Samsung Galaxy S20+5G and the Samsung 32Q50 Smart TV to be manufactured, and providing directions, instructions, schematics, diagrams, or designs to its manufacturers, resellers, or end-users to make or use the Samsung Galaxy S20+5G and the Samsung 32Q50 Smart TV in a manner that directly infringes the '430 patent. Through its manufacture and sales of the Galaxy S20+5G and the Samsung 32Q50 Smart TV, Samsung

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