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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number	19088627
Filing Date	2025-03-24
First Named Inventor	Sang Hoon Lee
Art Unit	2845
Examiner Name	David E. Lotter
Attorney Docket Number	AQC0001-CON6

U.S. PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Inventor of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	10269005	B2	2019-04-23	Lee et al.	Entire document
	2	649621		1900-05-15	Tesla	Entire document
	3	1119732		1914-12-01	Tesla	Entire document
	4	4937585		1990-06-26	Shoemaker	Entire document
	5	4313152		1982-01-26	Vranken	Entire document
	6	1563731		1925-12-01	Ducas	Entire document

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AQ EXHIBIT 2017
Samsung v. AQ
IPR2026-00232

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	1	20190109373	A1	2019-04-11	AHN et al.	Entire document
	2	20170228721	A1	2017-08-10	Lee et al.	Entire document
	3	20180198209	A1	2018-07-12	Kang et al.	Entire document
	4	20100090824	A1	2010-04-15	Rowell et al.	Entire document

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	1	2017175886	WO	A1	2017-10-12	Seong	Entire document	☒
	2	20170093670	KR	A	2017-08-16	Samsung Electro-Mechanics Co., Ltd.	Entire document	☒
	3	209266128	CN		2019-08-16	Jian Fenglong et al.	Entire document	☐
	4	20180113064	KR		2018-10-15	Hansol Technics, Co., Ltd.	Entire document	☐
	5	2019070090	WO	A1	2019-04-11	OH et al.	Entire document	☐

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	6	101832344	KR		2018-02-26	Lee, Jae Goon	Entire document	☐

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Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5
	1	Comparison of the specifications of U.S. Patent No. 11,495,875 ("'875 Patent") and U.S. Pat. App. Pub. 2018/0198209 ("Kang") filed in IPR2026-00232 and IPR2026-00234	☐
	2	Exhibit B to Patent Owner's Disclosure of Asserted Claims and Infringement Contentions in AQ Corporation v. Samsung Electronics Co., Ltd. et al., Case No. 2:25-cv-01012-JRG (EDTX)	☐
	3	William H. Hayt, Jr. and Jack E. Kemmerly, Engineering Circuit Analysis (1993)	☐
	4	Mohamed M. El Rayes, et al., "A Review on Wireless Power Transfer," IJETT Vol. 40. No. 5 (2016)	☐
	5	Sung-Gu Kang, et al., "Near-Field Communication in Biomedical Applications," Sensors (2021)	☐
	6	Zebra, RFID Inlay Placement/Power Guidelines (2014)	☐
	7	Constantine A. Balanis, "The Evolution of Antenna Technology," IEEE Antenna & Propogation Magazine (2024)	☐
	8	G. Stojanovic and Lj. Zivanov, "Comparison of Optimal Design of Different Spiral Inductors," MIEL Vol. 2 (2004)	☐

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	9	Chandrasekharan Nataraj, et al., "General Analysis of Resonance Coupled Wireless Power Transer (WPT) Using Inductive Coils," Technical Gazette 25, 3 (2018).	☐
	10	Zachariah Peterson, "How to Design a Printed Circuit Board in 10 Easy Steps," (2025), https://resources.altium.com/p/10-easy-steps-comprehensively-designing-circuit-board-altium-designer	☐
	11	"The Discovery of Radio Waves – 1888," Spark Museum, http://www.sparkmuseum.com/BOOK_HERTZ.HTM	☐
	12	"How Do Checkpoint Labels and Hard Tags work?," Loss Prevention Systems, https://www.lossprevention systems.com/checkpoint-labels-hard-tags-work/	☐
	13	"Qi: Mobile Charging Empowered," Wireless Power Consortium, https://www.wirelesspowerconsortium.com/standards/qi-wireless-charging/	☐
	14	"Wireless Charging," NFC Forum, https://nfc-forum.org/build/specifications/wireless-charging/	☐
	15	Performance Specification: MIL-PRF-55110F (1993)	☐
	16	PETITION FOR INTER PARTES REVIEW, IPR2026-00232	☐
	17	PETITION FOR INTER PARTES REVIEW, IPR2026-00234	☐

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EXAMINER SIGNATURE

Examiner Signature	/DAVID E LOTTER/	Date Considered	06/23/2026

*EXAMINER: Initial if reference considered and whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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TIMING STATEMENT

Please see 37 CFR 1.97(e) to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

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☐ See attached timing statement under 37 CFR 1.97(e).

☒ A timing statement under 37 CFR 1.97(e) is not submitted herewith.

TIMING FEE

☐ The fee set forth in 37 CFR 1.17(p) has been submitted herewith.

COPIES

☐ An identification of an earlier application pursuant to 37 CFR 1.98(d)(1) is attached.

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Please see 37 CFR 1.17(v) and the IDS Auto-Load Instructions for completing this form to make the appropriate selection of an assertion under 37 CFR 1.98. For the information disclosure statement (IDS) submitted herewith, the applicant or patent owner certifies the following with respect to the cumulative number of applicant-provided or patent-owner provided items of information submitted to date including those in the accompanying IDS (select only one):

☒ No IDS size fee is required under 37 CFR 1.17(v) at this time.

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SIGNATURE

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature.

Signature	/Kelly L. Kasha/	Date (YYYY-MM-DD)	2026-06-16
Name/Print	Kelly L. Kasha	Registration Number	47743

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