Parties: contains headwater

Patent	Grounds	Claim Numbers	Result	Case	Date ▲	Appeal Status
11405224	Obviousness (§103)	1-17	Granted	Samsung Electronics Co., Ltd. v. Headwater Research LLC IPR2023-01157 (PTAB)	Jan. 22, 2024	
10237773	Obviousness (§103)	1-20	Granted	Samsung Electronics Co., Ltd. v. Headwater Research LLC IPR2023-01226 (PTAB)	Feb. 08, 2024	
9277433	Obviousness (§103)	1-20	Granted	Samsung Electronics Co., Ltd. v. Headwater Research LLC IPR2023-01250 (PTAB)	Mar. 12, 2024	
9521578	Obviousness (§103)	1-22	Granted	Samsung Electronics Co., Ltd. v. Headwater Research LLC IPR2023-01337 (PTAB)	Mar. 12, 2024	
9143976	Obviousness (§103)	1-29	Denied	Samsung Electronics Co., Ltd. v. Headwater Research LLC IPR2023-01253 (PTAB)	Mar. 21, 2024	
9137701	Obviousness (§103)	1-25	Granted	Samsung Electronics Co., Ltd. v. Headwater Research LLC IPR2023-01336 (PTAB)	Mar. 25, 2024	
9271184	Obviousness (§103)	1, 7-9	Denied	Samsung Electronics Co., Ltd. v. Headwater Research LLC IPR2023-01362 (PTAB)	Mar. 29, 2024	
9271184	Obviousness (§103)	1-6, 10-20	Denied	Samsung Electronics Co., Ltd. v. Headwater Research LLC IPR2023-01361 (PTAB)	Mar. 29, 2024	
9277445	Obviousness (§103)	1-26	Denied	Samsung Electronics Co., Ltd. v. Headwater Research LLC IPR2023-01462 (PTAB)	Mar. 29, 2024	
9609544	Obviousness (§103)	1-23	Granted	Samsung Electronics Co., Ltd. v. Headwater Research LLC IPR2023-01360 (PTAB)	Apr. 01, 2024	
9198117	Obviousness (§103)	1-18	Denied	Samsung Electronics Co., Ltd. v. Headwater Research LLC IPR2024-00003 (PTAB)	May. 22, 2024	
9615192	Obviousness (§103)	1-9, 11-13, 15	Granted	Samsung Electronics Co., Ltd. v. Headwater Research LLC IPR2024-00010 (PTAB)	May. 23, 2024	
8406733	Obviousness (§103)	1-24, 26-30	Denied	Samsung Electronics Co., Ltd. et al v. Headwater Research LLC IPR2024-00342 (PTAB)	Jul. 26, 2024	
8406733	Obviousness (§103)	1-17, 19, 21-27, 29, 30	Granted	Samsung Electronics Co., Ltd. et al v. Headwater Research LLC IPR2024-00341 (PTAB)	Jul. 26, 2024	
9198042	Obviousness (§103)	1-18	Granted	Cellco Partnership d/b/a Verizon Wireless et al v. Headwater Partners I LLC IPR2024-00809 (PTAB)	Oct. 23, 2024	
8589541	Anticipation (§102)	1	Disclaimed (by patent owner)	Google LLC et al v. Headwater Research LLC IPR2024-00942 (PTAB)	Dec. 04, 2024	
8589541	Anticipation (§102)	79, 83	Denied	Google LLC et al v. Headwater Research LLC IPR2024-00944 (PTAB)	Dec. 04, 2024	
8589541	Anticipation (§102)	1, 24, 25, 28, 34, 35, 39, 61, 62, 80-82, 87-90, 172	Disclaimed (by patent owner)	Google LLC et al v. Headwater Research LLC IPR2024-00944 (PTAB)	Dec. 04, 2024	
8589541	Anticipation (§102)	3-6, 8-23, 26, 45, 49, 50, 58-60, 64, 157, 165, 169, 171	Granted	Google LLC et al v. Headwater Research LLC IPR2024-00942 (PTAB)	Dec. 04, 2024	

8589541	Obviousness (§103)	1, 24, 25, 27-40, 61, 62, 65-78, 80-82, 84-90, 153, 154, 172-174	Disclaimed (by patent owner)	Google LLC et al v. Headwater Research LLC IPR2024-00944 (PTAB)	Dec. 04, 2024	
8589541	Obviousness (§103)	1	Disclaimed (by patent owner)	Google LLC et al v. Headwater Research LLC IPR2024-00943 (PTAB)	Dec. 04, 2024	
8589541	Obviousness (§103)	2-23, 26, 41-60, 63, 64, 155-157, 160-171	Granted	Google LLC et al v. Headwater Research LLC IPR2024-00942 (PTAB)	Dec. 04, 2024	
8589541	Obviousness (§103)	1	Disclaimed (by patent owner)	Google LLC et al v. Headwater Research LLC IPR2024-00942 (PTAB)	Dec. 04, 2024	
8589541	Obviousness (§103)	91-152, 158, 159	Granted	Google LLC et al v. Headwater Research LLC IPR2024-00943 (PTAB)	Dec. 04, 2024	
8589541	Obviousness (§103)	79, 83	Denied	Google LLC et al v. Headwater Research LLC IPR2024-00944 (PTAB)	Dec. 04, 2024	
9215613	Obviousness (§103)	1-24	Denied	Google LLC et al v. Headwater Research LLC IPR2024-00945 (PTAB)	Dec. 16, 2024	
8639811	Obviousness (§103)	4	Granted	Samsung Electronics Co., Ltd. et al v. Headwater Research LLC IPR2024-01051 (PTAB)	Dec. 17, 2024	
8639811	Obviousness (§103)	1-3, 5-30	Disclaimed (by patent owner)	Samsung Electronics Co., Ltd. et al v. Headwater Research LLC IPR2024-01051 (PTAB)	Dec. 17, 2024	
8924543	Obviousness (§103)	1, 8-10, 15, 16, 21, 28, 42-47, 57-66, 68-72, 80, 85-89, 96, 98, 99, 120, 121	Granted	Cellco Partnership d/b/a Verizon Wireless et al v. Headwater Research LLC IPR2024-01042 (PTAB)	Jan. 14, 2025	
8924543	Obviousness (§103)	1-7, 11-13, 16, 22, 23, 30-33, 35-41, 57-66, 68-72, 80, 85, 86, 90-93, 112, 113	Granted	Cellco Partnership d/b/a Verizon Wireless et al v. Headwater Research LLC IPR2024-01041 (PTAB)	Jan. 14, 2025	
10749700	Obviousness (§103)	1-20	Granted	Lenovo (United States) Inc. et al v. Headwater Research LLC IPR2024-01181 (PTAB)	Mar. 04, 2025	
9198076	Obviousness (§103)	1-16	Denied	Lenovo (United States) Inc. et al v. Headwater Research LLC IPR2024-01180 (PTAB)	Mar. 04, 2025	
8588110	Obviousness (§103)	1-30	Granted	Samsung Electronics Co., Ltd. v. Headwater Research LLC IPR2024-01337 (PTAB)	Mar. 13, 2025	
9179359	Obviousness (§103)	26	Granted	Samsung Electronics Co., Ltd. v. Headwater Research LLC IPR2024-01407 (PTAB)	Mar. 20, 2025	
9179359	Obviousness (§103)	1-25, 27-29	Disclaimed (by patent owner)	Samsung Electronics Co., Ltd. v. Headwater Research LLC IPR2024-01407 (PTAB)	Mar. 20, 2025	
9647918	Obviousness (§103)	1-19	Granted	Samsung Electronics Co., Ltd. v. Headwater Research LLC IPR2024-01396 (PTAB)	Apr. 01, 2025	
9647918	Obviousness (§103)	1-19	Denied	Samsung Electronics Co., Ltd. v. Headwater Research LLC IPR2024-01397 (PTAB)	Apr. 01, 2025	
9094868	Obviousness (§103)	11-15	Granted	T-Mobile USA, Inc. et al v. Headwater Partners II LLC IPR2024-01468 (PTAB)	May. 07, 2025	

9094868	Obviousness (§103)	1-10, 16-34	Disclaimed (by patent owner)	T-Mobile USA, Inc. et al v. Headwater Partners II LLC IPR2024-01468 (PTAB)	May. 07, 2025	
9094868	Obviousness (§103)	1-10, 16-34	Disclaimed (by patent owner)	Samsung Electronics Co., Ltd. v. Headwater Partners II LLC IPR2025-00426 (PTAB)	Jun. 18, 2025	
9094868	Obviousness (§103)	11-15	Joined	Samsung Electronics Co., Ltd. v. Headwater Partners II LLC IPR2025-00426 (PTAB)	Jun. 18, 2025	
9647918	Obviousness (§103)	1-19	Denied	Samsung Electronics Co., Ltd. v. Headwater Research LLC IPR2024-01396 (PTAB)	Jul. 17, 2025	
9647918	Obviousness (§103)	1-19	Vacated/ Dismissed	Samsung Electronics Co., Ltd. v. Headwater Research LLC IPR2024-01396 (PTAB)	Jul. 17, 2025	
9647918	Obviousness (§103)	1-19	Vacated/ Dismissed	Samsung Electronics Co., Ltd. v. Headwater Research LLC IPR2024-01396 (PTAB)	Jul. 22, 2025	
9647918	Obviousness (§103)	1-19	Denied	Samsung Electronics Co., Ltd. v. Headwater Research LLC IPR2024-01396 (PTAB)	Jul. 22, 2025	
11405429	Anticipation (§102)	1-12	Denied	Samsung Electronics Co., Ltd. et al v. Headwater Research LLC IPR2025-00482 (PTAB)	Jul. 24, 2025	
11405429	Obviousness (§103)	1-12	Denied	Samsung Electronics Co., Ltd. et al v. Headwater Research LLC IPR2025-00482 (PTAB)	Jul. 24, 2025	
9413502	Obviousness (§103)	1-17, 19, 26, 28-41, 43-46	Granted	Ericsson Inc. et al v. Headwater Partners II LLC IPR2025-00404 (PTAB)	Jul. 29, 2025	
11096055	Obviousness (§103)	1-13	Denied	Samsung Electronics Co., Ltd. v. Headwater Research LLC IPR2025-00481 (PTAB)	Aug. 04, 2025	
9609510	Obviousness (§103)	4, 5, 8-10, 12, 13, 21, 23, 25-27, 34, 40, 44	Denied	Samsung Electronics Co., Ltd. v. Headwater Research LLC IPR2025-00484 (PTAB)	Aug. 04, 2025	
9609510	Obviousness (§103)	1-3, 6, 7, 11, 14-25, 28-33, 35-39, 41-43, 45-48	Denied	Samsung Electronics Co., Ltd. v. Headwater Research LLC IPR2025-00483 (PTAB)	Aug. 04, 2025	
10028144	Obviousness (§103)	1-18	Denied	Samsung Electronics Co., Ltd. v. Headwater Research LLC IPR2025-00963 (PTAB)	Sep. 26, 2025	
10080250	Obviousness (§103)	1, 2	Denied	Samsung Electronics Co., Ltd. v. Headwater Research LLC IPR2025-00932 (PTAB)	Sep. 26, 2025	