

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC.,
Petitioner,

v.

QUALCOMM INCORPORATED,
Patent Owner.

Case IPR2018-01315
Case IPR2018-01316
Patent 8,063,674 B2

Record of Oral Hearing
Held: October 11, 2019

Before TREVOR M. JEFFERSON, DANIEL J. GALLIGAN, and
SCOTT B. HOWARD, *Administrative Patent Judges*.

Case IPR2018-01315
Case IPR2018-01316
Patent 8,063,674 B2

APPEARANCES:

ON BEHALF OF THE PETITIONER:

W. KARL RENNER, ESQUIRE
WHITNEY A. REICHEL, ESQUIRE
DAVID L. HOLT, ESQUIRE
FISH & RICHARDSON, P.C.
One Marina Park Drive
Boston, Massachusetts 02210-1878

ON BEHALF OF THE PATENT OWNER:

JOSEPH M. SAUER, ESQUIRE
DAVID B. COCHRAN, ESQUIRE
JONES DAY
901 Lakeside Avenue
Cleveland, Ohio 44114

The above-entitled matter came on for hearing on October 11, 2019, commencing at 10:00 a.m., at the U.S. Patent and Trademark Office, Madison Building, 600 Dulany Street, Alexandria, Virginia, 22314.

1 (Proceedings begin at 10:00 a.m.)

2 JUDGE HOWARD: Good morning. This is an oral
3 hearing for case numbers IPR2018-01315 and IPR2018-01316
4 between the petitioner, Apple Inc., and patent owner,
5 Qualcomm Incorporated, concerning United States Patent
6 8,063,674.

7 I'm Judge Howard. Joined with me is Judge Jefferson
8 in Alexandria, and Judge Galligan in Dallas.

9 And just a few administrative matters before we
10 begin.

11 Per our hearing order, each side will have 60
12 minutes to present its case. Petitioner will proceed first
13 and may reserve up to half its time for rebuttal.

14 Once petitioner has finished its initial
15 presentation, patent owner may proceed with its case.

16 If petitioner reserves time for rebuttal, patent
17 owner can reserve time for a brief sur-rebuttal.

18 For the sake of the judges who are participating
19 remotely, we cannot see the screen in the courtroom, but we
20 have your slides. So for clarity and so that we're able to
21 look exactly at what you want us to look at, could you
22 please refer to the slide number during your presentation so
23 that we can follow along.

1 If you have any objections, we ask that you do not
2 interrupt each other during the proceedings. Please save
3 time for them during your argument time and we can address
4 them at that point.

5 At this time, I'd like counsel to introduce
6 yourselves and who you have with you.

7 If you could begin with petitioner.

8 MR. RENNER: Good morning, Your Honors. This is
9 Karl Renner from Fish & Richardson, and I am joined by three
10 colleagues; Tom Rozylowicz, who will begin speaking today,
11 David Holt, who will follow, and Whitney Reichel.

12 And Your Honor, if we could, as for formalities,
13 we'll want to reserve 25 minutes for rebuttal.

14 JUDGE HOWARD: Okay.

15 MR. RENNER: And if I may approach the bench with a
16 written copy of the materials?

17 JUDGE JEFFERSON: Yes, please.

18 JUDGE HOWARD: You may.

19 And patent owner?

20 MR. SAUER: Good morning, Your Honors. Joe Sauer
21 for patent owner Qualcomm.

22 With me today is my colleague, Dave Cochran, who
23 will be presenting today, and Allen Eaton, who is helping
24 with the slides.

25 Also in the courtroom are representatives from
26 patent owner Qualcomm.

1 If I can approach?

2 JUDGE HOWARD: Thank you. And how much time does
3 patent owner want to reserve for sur-rebuttal?

4 MR. SAUER: 15 minutes, please.

5 MR. RENNER: Your Honor, as one more formality, just
6 to assist everyone in the courtroom, including opposing
7 counsel. There will be two exhibits outside of the
8 demonstratives that might be easier for you to load. I know
9 you're remote so it will be harder for you to see.

10 So it's Apple 1007, page 2, and Apple 1017,
11 page 175.

12 JUDGE HOWARD: Thank you.

13 MR. RENNER: You bet.

14 JUDGE HOWARD: All right. You may begin.

15 MR. ROZYLOWICZ: Good morning, Your Honor. My name
16 is Tom Rozylowicz, and I'd like to briefly speak to a little
17 bit of the background of the '674 patent.

18 Slide 3, please.

19 And when we speak to the background of the '674
20 patent, we're really speaking to a situation in which we
21 have processors that are operating at one class of voltages,
22 that is the core, and I/O devices that are operating at a
23 different class of voltages, that would be V I/O.

24 Now, when we have systems that include both I/O and
25 core systems together, one of the things that's been done is
26 the desire to turn down -- turn off the microprocessors when

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.