

**Apple Inc.**  
**v.**  
**Qualcomm Incorporated**

IPR2018-01315

IPR2018-01316

U.S. Patent No. 8,063,674

**Patent Owner's Demonstrative Exhibits**

# U.S. Patent No. 8,063,674

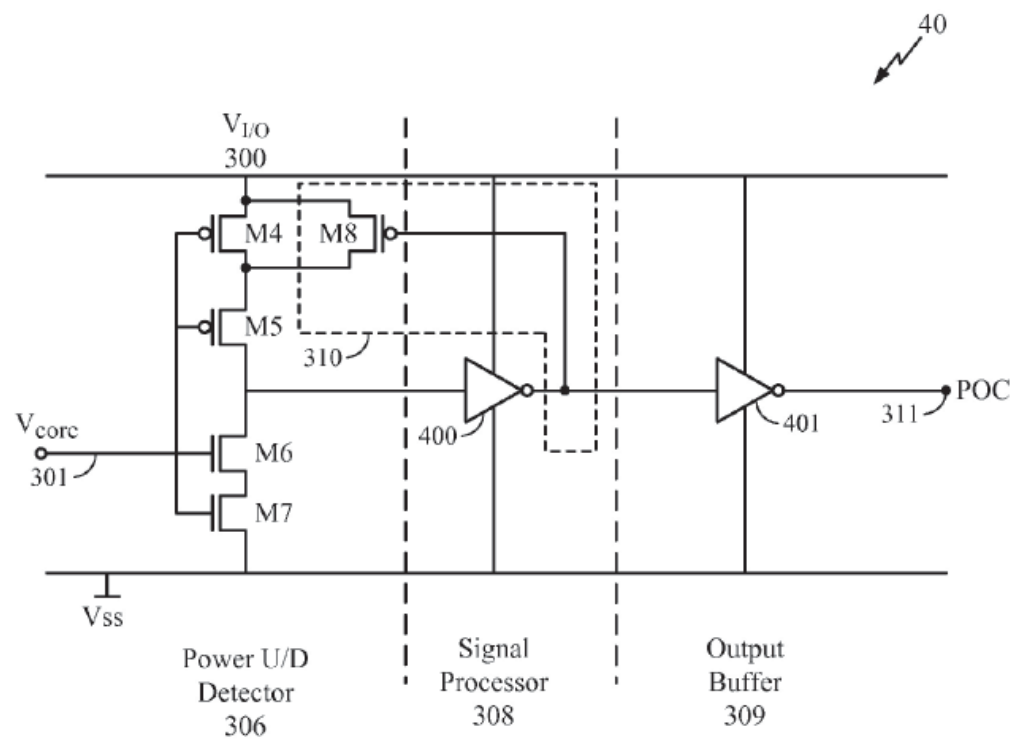


FIG. 4



# '674 Patent – Claim 1

1. A multiple supply voltage device comprising:

a core network operative at a first supply voltage; and

a control network coupled to said core network wherein said control network is configured to transmit a control signal, said control network comprising: an up/down (up/down) detector configured to detect a power state of said core network; processing circuitry coupled to said up/down detector and configured to generate said control signal based on said power state;

one or more feedback circuits coupled to said up/down detector, said one or more feedback circuits configured to provide feedback signals to adjust a current capacity of said up/down detector;

at least one first transistor coupled to a second supply voltage, the at least one first transistor being configured to switch on when said first supply voltage is powered down and to switch off when said first supply voltage is powered on;

at least one second transistor coupled in series with the at least one first transistor and coupled to said first supply voltage, the at least one second transistor being configured to switch on when said first supply voltage is powered on and to switch off when said first supply voltage is powered down;

at least one third transistor coupled in series between the at least one first transistor and the at least one second transistor.

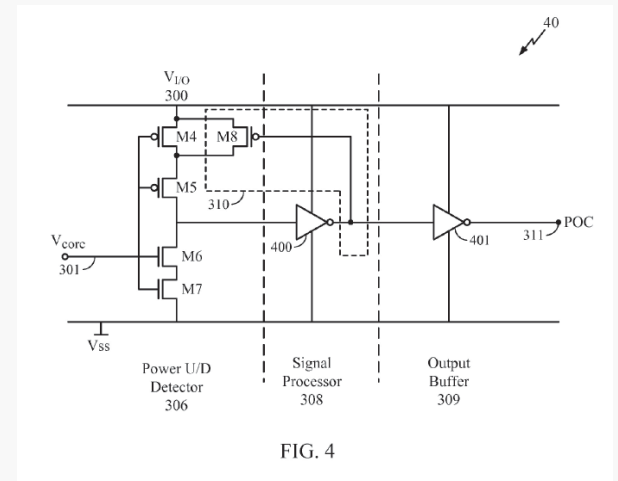


FIG. 4

# Contested Grounds

## I. AAPA/MAJCHERCZAK GROUNDS

- IPR2018-01315, Ground 2a: Claims 1, 2, 5 and 6 as obvious over AAPA and Majcherczak
- IPR2018-01315, Ground 2b: Claim 7 as obvious over AAPA, Majcherczak, and Matthews
- IPR2018-01316, Ground 2a: Claims 8, 9, 12, 13 and 17-21 as obvious over AAPA and Majcherczak
- IPR2018-01316, Ground 2b: Claims 16 and 22 as obvious over AAPA, Majcherczak, and Matthews

## II. STEINACKER/DOYLE/PARK GROUNDS

- IPR2018-01315, Ground 1: Claims 1, 2 and 5-7 as obvious over Steinacker, Doyle, and Park
- IPR2018-01316, Ground 1: Claims 8, 9, 12, 13, and 16-22 as obvious over Steinacker, Doyle, and Park

# Patentability

## I. AAPA/MAJCHERCZAK GROUNDS

- *Inter Partes* Review Cannot be Based on AAPA
- The POSA Would Not Combine the Alleged AAPA with Majcherczak

## II. STEINACKER/DOYLE/PARK GROUNDS

- The Petition Does Not Articulate a Sufficient Motivation to Combine
- The POSA Would Not Combine Steinacker, Doyle, and Park
- The Combination of Steinacker, Doyle, and Park Does Not Teach All of the Limitations of Dependent Claim 5

# 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.