

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

Apple, Inc.
PETITIONER

v.

Parthenon Unified Memory Architecture LLC
PATENT OWNER

Case IPR No: 2016-01135

Patent No. 5,812,789

Title: VIDEO AND/OR AUDIO DECOMPRESSION AND/OR COMPRESSION
DEVICE THAT SHARES A MEMORY INTERFACE

PATENT OWNER'S PRELIMINARY RESPONSE
UNDER 37 C.F.R. §42.107

TABLE OF CONTENTS

I. INTRODUCTION1

II. THE ‘789 PATENT2

III. CLAIM CONSTRUCTION2

 A. “decoder” (claims 1-4, 6, 8, and 12-13)4

 B. “encoder” (claims 5-7)4

 C. “variable bandwidth” (claim 2)5

 D. Other Claim Terms6

IV. PETITIONER DOES NOT ESTABLISH A REASONABLE LIKELIHOOD THAT ANY CHALLENGED CLAIM IS INVALID6

 A. Bowes in view of TMS and Thomas (claims 1-5 and 12-14)6

 1. The Combination of Bowes, TMS, and Thomas Does Not Disclose Every Element of the Challenged Claims7

 a. The proposed combination does not disclose an arbiter for selectively providing access for the first device and the decoder to the memory [claim 1]7

 b. The proposed combination does not disclose a video decoder [claim 3]12

 2. No Motivation to Combine Bowes and TMS17

 B. Bowes in view of TMS, Thomas, and Gove (claims 6 and 8)27

C. Bowes in view of TMS, Thomas, and Ran (claim 7).....28

D. Bowes in view of TMS, Thomas, and Celi (claim 11)29

V. CONCLUSION.....30

TABLE OF AUTHORITIES

Cases

In re Rambus Inc.,
694 F.3d 42 (Fed. Cir. 2012)3

C.R. Bard, Inc. v. M3 Sys., Inc.,
157 F.3d 1350 (Fed. Cir. 1998)17

In re Fine,
837 F.2d 1071 (Fed. Cir. 1988) 7, 28, 29

In re Wilson,
424 F.2d 1382 (CCPA 1970)7

Kinetic Tech., Inc. v. Skyworks Solutions, Inc.,
IPR2014-00530, 2014 WL 4925282, (Patent Tr. & App. Bd. Sep. 29, 2014)18

KSR Int’l Co. v. Teleflex Inc.,
550 U.S. 398 (2007).....17

Phillips v. AWH Corp.,
415 F.3d 1303 (Fed. Cir. 2005)3

Teleflex, Inc. v. Ficos N. America Corp.,
299 F.3d 1313 (Fed. Cir. 2002)17

Toyota Motor Corp. v. Cellport Sys., Inc.,
Case IPR2015-00633, (PTAB Aug. 14, 2015) (Paper 11)3

Vivid Techs., Inc. v. Am. Sci. & Eng’g, Inc.,
200 F.3d 795 (Fed. Cir. 1999)6

Rules

35 U.S.C. § 314(a)1

37 C.F.R. § 42.5(b)3

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.