

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

GOOGLE LLC, SAMSUNG ELECTRONICS CO., LTD., SAMSUNG
ELECTRONICS AMERICA, INC., LG ELECTRONICS INC., and LG
ELECTRONICS U.S.A., INC.,
Petitioner,

v.

PARUS HOLDINGS, INC.,
Patent Owner.

IPR2020-00846
Patent 7,076,431 B2

Before DAVID C. McKONE, STACEY G. WHITE, and
SHELDON M. McGEE, *Administrative Patent Judges*.

McKONE, *Administrative Patent Judge*.

JUDGMENT
Final Written Decision
Determining All Challenged Claims Unpatentable
35 U.S.C. § 318(a)

I. INTRODUCTION

A. *Background and Summary*

Google LLC, Samsung Electronics Co., Ltd., Samsung Electronics America, Inc., LG Electronics Inc., and LG Electronics U.S.A., Inc. (collectively, “Petitioner”) filed a Petition requesting an *inter partes* review of claims 1, 2, 4–7, 9, 10, 13, and 14 of U.S. Patent No. 7,076,431 B2 (Ex. 1001, “the ’431 patent”). Paper 2 (“Pet.”). Parus Holdings, Inc. (“Patent Owner”) filed a Preliminary Response to the Petition. Paper 6 (“Prelim. Resp.”). Pursuant to 35 U.S.C. § 314, we instituted this proceeding. Paper 9 (“Dec.”).

Patent Owner filed a Patent Owner’s Response (Paper 14, “PO Resp.”), Petitioner filed a Reply to the Patent Owner’s Response (Paper 22, “Reply”), and Patent Owner filed a Sur-reply to the Reply (Paper 24, “Sur-reply”). An oral argument was held in this proceeding and IPR2020-00847 on July 27, 2021. Paper 30 (“Tr.”).

We have jurisdiction under 35 U.S.C. § 6. This Decision is a final written decision under 35 U.S.C. § 318(a) as to the patentability of claims 1, 2, 4–7, 9, 10, 13, and 14. Based on the record before us, Petitioner has proved, by a preponderance of the evidence, that claims 1, 2, 4–7, 9, 10, 13, and 14 are unpatentable.

B. *Related Matters*

The parties identify the following district court proceedings as related to the ’431 patent: *Parus Holdings Inc. v. Apple, Inc.*, No. 6:19-cv-00432 (W.D. Tex.); *Parus Holdings Inc. v. Amazon.com, Inc.*, No. 6:19-cv-00454 (W.D. Tex.); *Parus Holdings Inc. v. Samsung Electronics Co., Ltd.*, No. 6:19-cv-00438 (W.D. Tex.); *Parus Holdings Inc. v. Google LLC*,

IPR2020-00846
Patent 7,076,431 B2

No. 6:19-cv-00433 (W.D. Tex.); and *Parus Holdings Inc. v. LG Electronics, Inc.*, No. 6:19-cv-00437 (W.D. Tex.). Pet. xi; Paper 5, 1. The case against LG Electronics, 6:19-cv-00437, has been transferred to the United States District Court for the Northern District of California. Ex. 1032. The remaining cases have been consolidated. Ex. 2017. We refer the consolidated cases collectively as “the Texas case.”

The parties also identify the following *inter partes* review proceedings: *Apple Inc. v. Parus Holdings, Inc.*, IPR2020-00686 (challenging the ’431 patent) and *Apple Inc. v. Parus Holdings, Inc.*, IPR2020-00687 (challenging U.S. Patent No. 9,451,084 (“the ’084 patent”)) (“the Apple IPRs”); and *Google LLC v. Parus Holdings, Inc.*, IPR2020-00847 (challenging the ’084 patent). Pet. xii–xiii; Paper 5, 1–2.

C. *The ’431 Patent*

The ’431 patent describes a system that allows users to browse web sites and retrieve information using conversational voice commands. Ex. 1001, 1:20–23. Figure 1, reproduced below, illustrates an example:

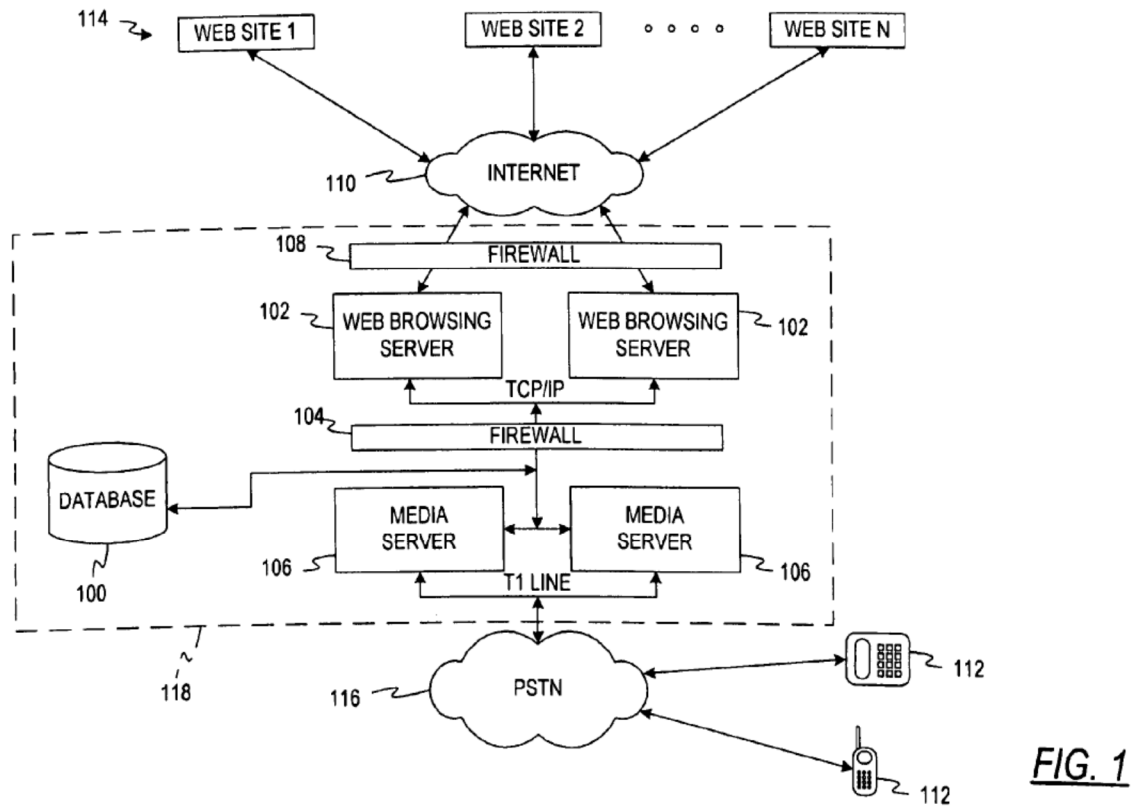


Figure 1 is a block diagram of a voice browsing system. *Id.* at 4:16–17.
Figure 3, reproduced below, shows additional details of media server 106, a component shown in Figure 1:

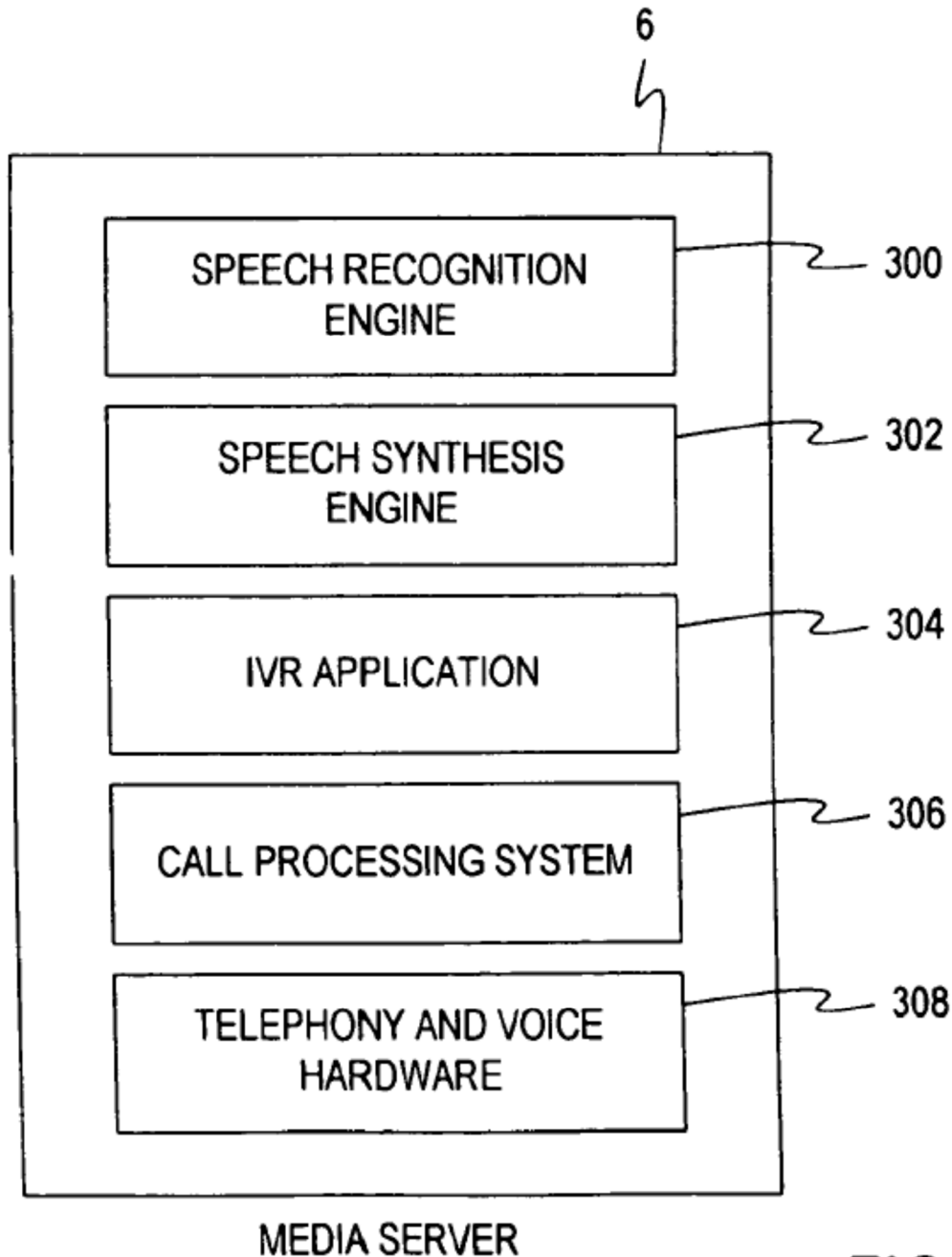


FIG. 3

Figure 3 is a block diagram of Figure 1's media server 106. *Id.* at 4:20–21.

Media server 106 includes speech recognition engine 300, speech synthesis engine 302, Interactive Voice Response (IVR) application 304, call processing system 306, and telephony and voice hardware 308 to communicate with Public Switched Telephone Network (PTSN) 116. *Id.* at

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.