UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

LG ELECTRONICS, INC. and LG ELECTRONICS U.S.A., INC.,
Petitioner,

v.

MULTIMEDIA TECHNOLOGIES PTE. LTD.,
Patent Owner.

IPR2024-00352
Patent 9,247,174 B2

Before ST. JOHN COURTENAY III, MICHAEL R. ZECHER, and
SHARON FENICK, *Administrative Patent Judges*.

COURTENAY, *Administrative Patent Judge*.

DECISION
Granting Institution of *Inter Partes* Review
35 U.S.C. § 314

LG Electronics, Inc. and LG Electronics U.S.A., Inc. (collectively, "Petitioner") filed a Petition (Paper 1, "Pet.") requesting an *inter partes* review of claims 1–14 ("the challenged claims") of U.S. Patent No. 9,247,174 B2 (Ex. 1001, "the '174 patent"). Petitioner filed a Declaration of Andrew Lippman, Ph.D. (Ex. 1003) with the Petition. Multimedia Technologies Pte. Ltd ("Patent Owner") filed a Preliminary Response. Paper 6 ("Prelim. Resp.").

We have authority to determine whether to institute an *inter partes* review. *See* 35 U.S.C. § 314 (2018); 37 C.F.R. § 42.4(a) (2022). Under 35 U.S.C. § 314(a), we may not authorize an *inter partes* review unless the information in the petition and the preliminary response "shows that there is a reasonable likelihood that the petitioner would prevail with respect to at least 1 of the claims challenged in the petition."

Upon consideration of the Petition, the Preliminary Response, and the evidence of record, we determine that the information presented in the Petition demonstrates that there is a reasonable likelihood that Petitioner would prevail in establishing the unpatentability of at least one challenged claim of the '174 patent.

I. INTRODUCTION

A. *Real Parties in Interest*

Petitioner identifies LG Electronics, Inc. and LG Electronics U.S.A., Inc. as the real parties-in-interest. Pet. 100. Patent Owner identifies itself, Multimedia Technologies Pte. Ltd., as the real party-in-interest. Paper 4, 2.

B. *Related Matters*

The parties identify the following related district court litigation: *Multimedia Technologies Pte. Ltd. v. LG Electronics Inc. et al.,* No. 2:22-cv-

00494 (E.D. Tex.) (filed Dec. 23, 2022); *Multimedia Technologies Pte. Ltd. v. Vizio, Inc.*, No. 2:23-cv-00124, (E.D. Tex.) (filed Mar. 24, 2023). Pet. 100; Paper 4, 2.

We note that in addition to this Petition, Petitioner filed the following three other petitions challenging related patents owned by Multimedia: (1) *LG Electronics, Inc. v. Multimedia Technologies Pte. Ltd.*, IPR2024-00351, Paper 1 (PTAB Dec. 20, 2023) (challenging claims 1–6, 11–16, 21, and 22 of U.S. Patent No. 9,510,040 B2); (2) *LG Electronics, Inc. v. Multimedia Technologies Pte. Ltd.*, IPR2024-00353, Paper 3 (PTAB Dec. 22, 2023) (LG Corrected Petition) (challenging claims 1–4, 6, 8–10, 12–17, and 19 of U.S. Patent No. 9,055,254 B2); and (3) *LG Electronics, Inc. v. Multimedia Technologies Pte. Ltd.*, IPR2024-00354, Paper 1 (PTAB Dec. 22, 2023) (challenging claims 1–18 of U.S. Patent No. 10,419,805 B2)). Paper 4, 2 (Patent Owner's Mandatory Notices).

C.   *The '174 patent*

The '174 patent is entitled "Panel user Interface for an Intelligent Television," and relates to methods for displaying content on an intelligent television. Ex. 1001, code (57). According to the '174 patent, there "is a need for an Intelligent TV with intuitive user interfaces and with seamless user interaction capability." *Id.* at 2:3–5.

Figure 14, reproduced below, is a diagram of a television display according to the '174 patent:
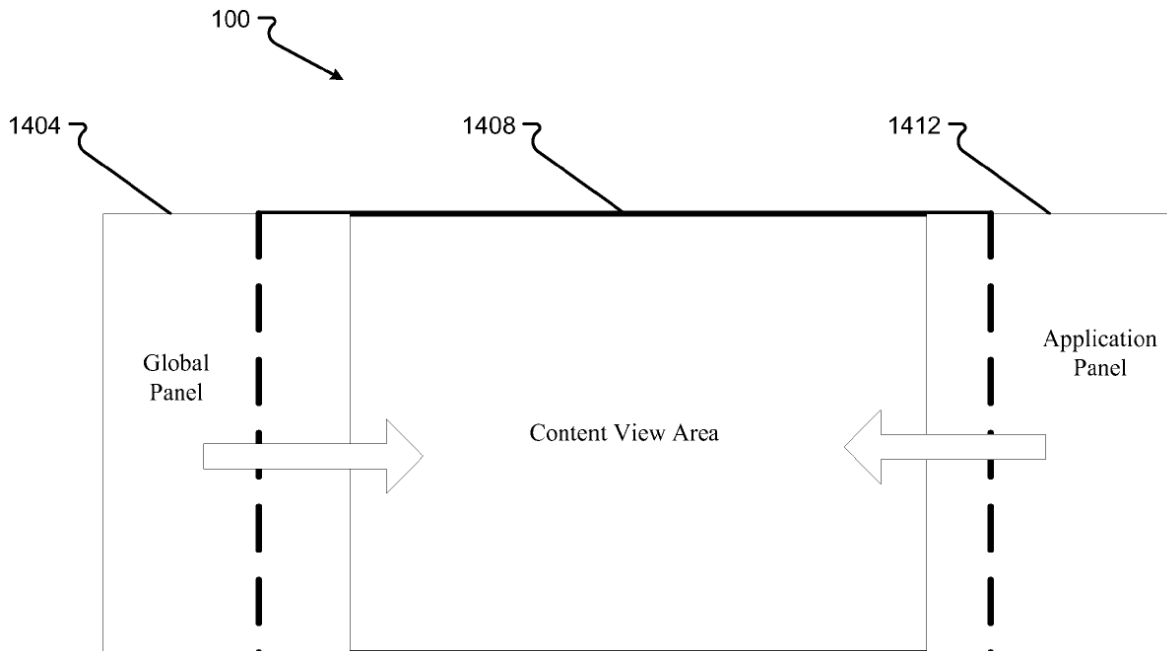
Figure 14 illustrates Intelligent TV 100, displaying global panel 1404, active content view 1408, and application panel 1412. *Id.* at 30:39–40. "The content displayed in the application panel 1412 depends on the content displayed in content view area 1408." *Id.* at 32:16–17. The '174 patent discloses application panel 1412 may comprise an application panel navigation bar 1604, a content area 1608, and a hotkey legend 1612. *Id.* at 32:47–49; *see also* Fig. 16A. "[D]epending on the active content area currently selected or being viewed, the panel content area 1608 may change and/or may be presented in a different way (i.e., have a slightly different look or content)." *Id.* at 33:1–6.

Within the application panel 1412, multiple content area panels are possible, based on the content of navigation. *Id.* at 35:26–29. Panel types can be categorized, and each category may include several panel types within it. *Id.* at 35:38–44. Figures 17A and 17B illustrate a number of panel types, such as "Series Info," "Collection Info," Photo Album Info," "Device

Info," "Video Info," "Movie Info," "Episode Info," "Videos," "Movies,"
"TV Shows," "Most Viewed," and "Search Results." *Id.* at Figs. 17A, 17B.

As an example, if "Info" is selected on navigation bar 1604, a panel
may display based on the panel type "Series Info" 1704A, or any other panel
type in the "Info Views" category. *Id.* at 35:29–45; *see also id.* at Fig. 17A.
Figure 20C, reproduced below, illustrates the layout and content of the
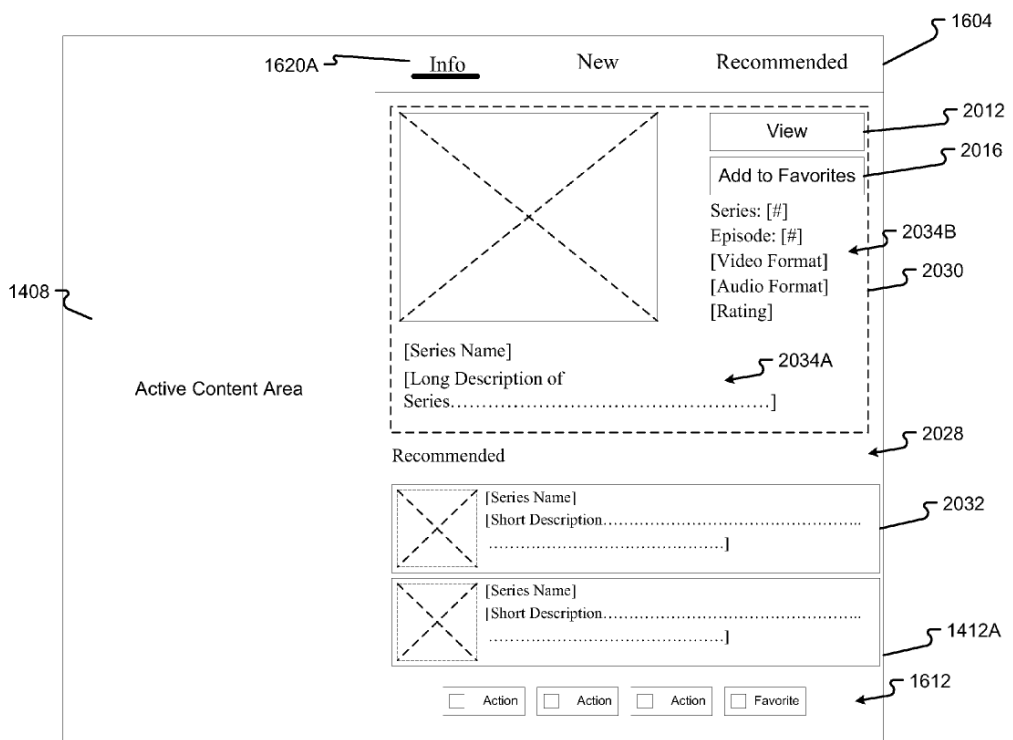display in the situation just described.

Fig. 20C

Figure 20C shows content area 1408, and info panel 1412A, which
includes menu bar 1604, and information from "panel type 1704A." *Id.*
at 39:61–66. "The series panel type 1704A may include series information
2034A and 2034B, a view button 2012, a favorite button 2016, and a
thumbnail display of the series information 2008." *Id.* at 40:1–4.

DOCKET ALARM

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.