

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.

GESTURE TECHNOLOGY PARTNERS LLC
Patent Owner

Case No. IPR2022-00093
U.S. Patent No. 8,194,924

**PETITION FOR *INTER PARTES* REVIEW
OF U.S. PATENT NO. 8,194,924**

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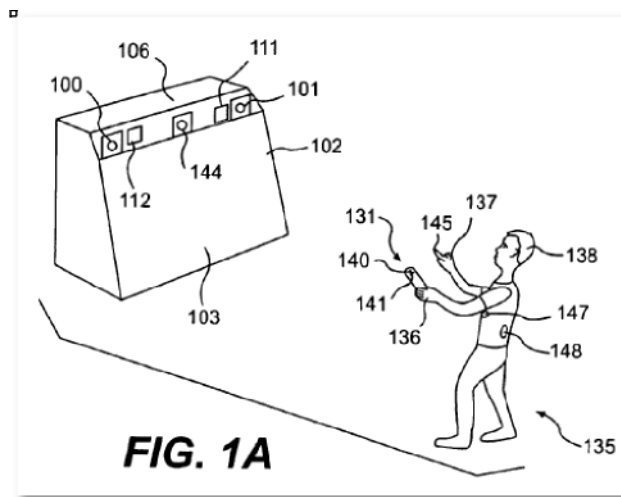
I. INTRODUCTION

Petitioner LG Electronics, Inc. and LG Electronics U.S.A. Inc. (“Petitioner”) requests an *Inter Partes* Review (“IPR”) of claims 1–14 (the “Challenged Claims”) of U.S. Patent No. 8,194,924 (“the ’924 Patent”). This petition is substantively the same as IPR2021-00923 (which is currently pending institution), and is being filed concurrently with a motion for joinder with respect to that proceeding.

II. SUMMARY OF THE ’924 PATENT

A. The ’924 Patent’s Alleged Invention

The ’924 Patent describes computer devices that “optically sens[e] human input” using one or more cameras, contemplating applications in a “variety of fields such as computing, gaming, medicine, and education.” ’924 Patent (Ex. 1001), 2:7– 23. A number of scenarios are described, including multiple cameras mounted in a fixed display as depicted in Fig. 1A below and a single camera mounted in a handheld device as depicted in Fig. 8B below:



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