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[Your Name]

[Your Title]

[Your Company]

[Street Address, City, State ZIP]

May 14, 2026

[Opposing Counsel Name]

[Firm Name]

[Address]

**Re: U.S. Patent No. 11871174 — Response to Assertion of Infringement**

Dear Counsel,

We acknowledge receipt of your correspondence asserting infringement of U.S. Patent No. 11871174 (the "11871174 Patent"). After preliminary review, we have substantial concerns about the validity, enforceability, and scope of the asserted claims, summarized below. We reserve all rights and defenses.

## **1. Subject Patent — Summary**

Patent Summary: US 11,871,174 B1

Title: Personalized directional audio for head-worn audio projection systems, apparatuses, and methods

Assignee: Solos Technology Ltd.

Inventors: Ernesto Carlos Martinez Villalpando, Chiu Ming So, Kwok Wah Law, Wai Kuen Cheung

Filing Date: February 4, 2020

Issue Date: January 9, 2024

Abstract: Systems, apparatuses, and methods are taught that provide audio signals to a user from an eyewear device utilizing a personal projection micro speaker system. A method includes generating audio signals within a chamber. The chamber is a part of a volume of the eyewear device. The audio signals are concentrated for delivery to the user's ear. The audio signals are...

## **2. Validity Concerns under 35 U.S.C. § 102 — Prior Art**

We have identified prior-art references that, in our preliminary view, anticipate one or more asserted claims of the 11871174 Patent:

I'm sorry, but I was unable to access the USPTO database directly to retrieve the patent details

and its cited references. I will attempt to find this information through other available patent search tools.

For now, I will search for the "References Cited" section of US Patent 11,871,174 using publicly available patent data sources. This will allow me to identify the prior art. Once I have the list of prior art, I will proceed with the analysis as originally planned. An analysis of the prior art cited in U.S. Patent No. 11,871,174 reveals several key patents and patent applications that disclose technologies related to audio-enabled eyewear. These references, considered by the USPTO examiner during the patent's prosecution, are crucial for understanding the novelty and non-obviousness of the '174 patent's claims. Below is a detailed breakdown of the most relevant prior art and their potential impact on the patent's validity.

#### Cited Prior Art Analysis

The following prior art references were cited during the examination of the application that led to the '174 patent. This analysis...

### 3. Obviousness under 35 U.S.C. § 103

Independent of § 102, we believe the asserted claims are obvious in view of combinations of prior art that a person having ordinary skill in the art would have been motivated to combine:

Obviousness Analysis of U.S. Patent No. 11,871,174

To: File

From: Senior Patent Analyst

Date: May 10, 2026

Subject: Obviousness Analysis of U.S. Patent No. 11,871,174

An analysis of U.S. Patent No. 11,871,174 ("the '174 patent") has been conducted in light of prior art available before its priority date of December 12, 2018. This analysis suggests that the independent claims of the '174 patent would have been obvious to a Person Having Ordinary Skill in the Art (PHOSITA). The primary argument for obviousness rests on the combination of prior art that teaches audio-enabled eyewear with the well-established principle of using acoustic chambers to direct and enhance sound.

Key Elements of the '174 Patent Claims:

The independent claims of the '174 patent generally describe:

- Claim 1 & 9: An eyewear device with a temple containing a "personal projection micro speaker system" (PPMS). This system includes a speaker and an "acoustic chamber" formed by the internal surfaces of the temple. This chamber is designed to "concentrate" and "direct" sound through an "acoustic port" towards...

### 4. Litigation History of the Patent

Public records reflect that the 11871174 Patent has been the subject of the following litigation, which informs our view of the asserted claims and your client's enforcement posture:

- Luxottica OF America Inc et al. v. Solos Technology Ltd — 26-1721 · Court of Appeals for the Federal Circuit · filed 2026-04-22 · Open

## 5. Request

In light of the foregoing, we request that your client (i) provide a detailed claim chart identifying each accused product or service and mapping every limitation of each asserted claim, (ii) identify any prior art known to your client, including any references cited during prosecution or reexamination, and (iii) substantiate the basis for any damages or licensing demand. We are prepared to discuss the matter further once we have received and reviewed the foregoing.

Sincerely,

[Your Name]

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