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[Your Name]

[Your Title]

[Your Company]

[Street Address, City, State ZIP]

May 25, 2026

[Opposing Counsel Name]

[Firm Name]

[Address]

Re: U.S. Patent No. 11777776 — Response to Assertion of Infringement

Dear Counsel,

We acknowledge receipt of your correspondence asserting infringement of U.S. Patent No. 11777776 (the "11777776 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

US Patent 11777776, titled "Header repetition in packet-based OFDM systems," was issued to AX Wireless LLC. The patent lists Joon Bae KIM and Marcos C. Tzannes as inventors. The application was filed on September 7, 2022, and the patent was granted and published on October 3, 2023. The priority date for this patent is August 21, 2009.

Abstract:

The patent describes a wireless communication device and method for header repetition. It involves receiving and decoding a wireless packet that can have either a first packet format or a second packet format. The first format includes a first header field carried by a single Orthogonal Frequency Division Multiplexing (OFDM) symbol. The second...

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 11777776 Patent:

I am unable to directly search the USPTO database for patent number 11777776 due to the limitations of my current tools, which only allow for general Google searches. The provided search results from the USPTO website () describe how to use their search tools but do not offer a direct interface for me to perform a specific patent number search.

Therefore, I cannot, at this moment, identify the most relevant prior art by examining the patent's citations directly through a live USPTO database search.

However, I can extract the patent citations listed within the provided full patent text of US11777776 and then provide details on those. The full patent text of US11777776 includes a "Citations" section. I will now analyze this section to identify prior art and assess potential anticipation.

Prior Art Analysis for US Patent 11777776 based on provided patent text:

The "Citations" section of US11777776 lists numerous patent and non-patent documents. I will focus on the patent citations that are marked as being "Cited by examiner" () as these are typically the most relevant for an...

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:

US Patent 11777776, concerning header repetition in packet-based Orthogonal Frequency Division Multiplexing (OFDM) systems, would likely be found obvious under 35 U.S.C. § 103 when considering a combination of readily available prior art references, particularly those explicitly cited or discussed in the patent's background. A Person Having Ordinary Skill in the Art (PHOSITA) in wireless communication systems would have been motivated to combine these references to achieve robust and flexible header decoding in environments with varying channel conditions or device capabilities.

The core of the claimed invention, as captured in independent claims 1 and 7, involves:

1. A wireless communication device or method for receiving and decoding a wireless packet through a communication channel.
2. The wireless packet can be in a first format (header on a single OFDM symbol) or a second format (header on a first OFDM symbol, followed by a repetition of that header on a second OFDM symbol).
3. The device or method distinguishes the second packet format from the first by detecting the repeated...

4. Litigation History of the Patent

Public records reflect that the 11777776 Patent has been the subject of the following litigation, which informs our view of the asserted claims and your client's enforcement posture:

- Untitled case — 337-TA-1489 · US International Trade Commission · Critical

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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