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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. 8805185 — Response to Assertion of Infringement**

Dear Counsel,

We acknowledge receipt of your correspondence asserting infringement of U.S. Patent No. 8805185 (the "8805185 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**

As a senior US patent analyst, here is a concise summary of US patent 8,805,185.

Patent Information:

- Title: Wavelength-division multiplexing transmission device
- Assignee: Mitsubishi Electric Corp
- Inventor: Hajime Okada
- Filing Date: June 20, 2011
- Issue Date: August 12, 2014
- Abstract: A wavelength-division multiplexing transmission device including: a dummy light source configured to emit and quench dummy light; a monitoring unit configured to monitor an optical level relating to the received wavelength-division multiplexed light; a dummy light controller configured to control the dummy light source to emit dummy light in case where the monitoring unit determines based on the...

## **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 8805185 Patent:

Here is an analysis of the prior art cited by US patent 8,805,185.

Analysis of Prior Art for US Patent 8,805,185

The following patents were cited as prior art during the examination of US patent 8,805,185. This analysis evaluates their relevance and potential to anticipate the claims of the '185 patent under 35 U.S.C. § 102.

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1. US Patent 6,324,318 B1

- Full Citation: US Patent 6,324,318 B1, "Redundant optical source switching method and wavelength division multiplexing transmission apparatus using the same"
- Assignee: Fujitsu Limited
- Filing Date: December 15, 1998
- Publication Date: November 27, 2001
- Brief Description: This patent describes a system for ensuring reliability in a WDM transmission system by using a redundant or backup light source. It includes a monitoring function that detects a failure in the primary light source (e.g., a drop in optical power). Upon detecting a failure, an optical switch is used to replace the failed primary signal with a signal from the redundant light source. The goal is to prevent signal loss and maintain the transmission.
- ...

### **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:

Here is an analysis of the obviousness of US patent 8,805,185 under 35 U.S.C. § 103, based on the provided prior art.

Obviousness Analysis of US Patent 8,805,185

A determination of obviousness under 35 U.S.C. § 103 requires analyzing whether the differences between the claimed invention and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art (PHOSITA).

Based on the provided prior art, the claims of US patent 8,805,185 appear to be obvious over the combination of US Patent Application Publication 2006/0018658 A1 (hereinafter "Mori") and US Patent 6,449,070 B1 (hereinafter "Fujitsu '070").

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1. Scope and Content of the Prior Art

- Mori (US 2006/0018658 A1): Mori discloses the core inventive concept of the '185 patent. It explicitly teaches a solution to the problem of stabilizing the output of an optical amplifier in a WDM system when the number of input channels decreases. The proposed solution is to:  
Monitor the input optical signal.  
Detect a decrease in the number...

### **4. 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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