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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. 9507477 — Response to Assertion of Infringement

Dear Counsel,

We acknowledge receipt of your correspondence asserting infringement of U.S. Patent No. 9507477 (the "9507477 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 Analyst Report: US 9,507,477 B2

Date of Analysis: 2026-05-13

Subject: United States Patent 9,507,477 B2, "Display device"

This report provides a concise summary of US patent 9,507,477, including its key bibliographic details and a plain-language explanation of its independent claims. Information is based on the full patent text available from the USPTO and publicly accessible patent databases.

A search of the CAFC dockets for 2026 did not yield any specific results for this patent number.

I. Bibliographic Information

- Title: Display device
- Assignee: The patent is currently assigned to Paneltouch Technologies LLC, following a reassignment on April 27, 2024. The original...

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 9507477 Patent:

Analysis of Prior Art for U.S. Patent 9,507,477

Washington D.C. – April 26, 2026 – An analysis of the prior art cited against U.S. Patent No. 9,507,477, titled "Display device," reveals a landscape of existing technologies that address the challenge of detecting defects in the signal interconnections of display panels, particularly those integrated with touch screens. The patent, assigned to Paneltouch Technologies LLC as of the latest records, details a method for easily inspecting for breaks in these connections, which can occur from chipping or cracking of the substrate. This is achieved by incorporating a dedicated "second signal interconnect" or "detection interconnect" along the periphery of the device's transparent substrate.

The core of the invention, as outlined in the independent claims, is a display device that includes a coordinate input device (like a touch panel) with a special conductive line placed near the edge of the substrate. This line is not for primary display or touch functions but serves as a test circuit. A break in this line, which can be checked...

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:

As a senior US patent analyst, I have analyzed US Patent No. 9,507,477 ('477 patent) in view of the prior art. The following analysis outlines grounds for an obviousness rejection under 35 U.S.C. § 103.

Analysis of Obviousness for US Patent 9,507,477

The '477 patent describes a display device that incorporates a coordinate input device (like a touch panel) and features a dedicated "second signal interconnect." This interconnect is a conductive line placed near the periphery of the transparent substrate, outside the regular signal lines. Its purpose is to facilitate the detection of physical defects such as chipping or cracking of the substrate. A break in this peripheral interconnect, which can be easily tested for electrical continuity, indicates a high probability of damage to the functional signal interconnects located inward from it.

The key claims of the '477 patent, including independent claim 1, describe:

- A coordinate input device with a transparent substrate.
- Detection electrodes within a detection region.
- A "first signal interconnect" connecting the detection...

4. Litigation History of the Patent

Public records reflect that the 9507477 Patent has been the subject of the following litigation, which informs our view of the asserted claims and your client's enforcement posture:

- Paneltouch Technologies LLC v. BOE Technology Group Co., Ltd. — 2:25-cv-00245 · U.S. District Court for the Eastern District of Texas · filed 2025-02-28 · Settled

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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