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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. 12377343 — Response to Assertion of Infringement**

Dear Counsel,

We acknowledge receipt of your correspondence asserting infringement of U.S. Patent No. 12377343 (the "12377343 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**

Based on an analysis of US patent 12,377,343, here is a summary of its key details and claims.  
Patent Summary

- Title: Puzzle platform
- Assignee: The current assignee is Hong Kong Zhan Teng Jiada Technology Ltd, following an assignment from Shenzhen Shi Hu Lian Heng Tong Trading Co. Ltd. on January 9, 2026.
- Inventors: Meng Zhang, Xiaoling CHE
- Filing Date: July 25, 2024
- Issue Date: August 5, 2025
- Abstract: The patent describes a puzzle platform featuring a main puzzle plate with a detachable upper border that creates a workspace. Underneath the plate, a reinforcing assembly, which is integrated with the puzzle plate as a single unit, provides structural support and creates a...

## **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 12377343 Patent:

Prior Art Analysis for US Patent 12,377,343

The following analysis details the most relevant prior art cited by US patent 12,377,343. The analysis is based on the information provided in the patent's "Description of Related Arts" section and the continuity data, which lists several parent applications.

A key piece of prior art is explicitly mentioned and critiqued within the patent's text. Additional prior art consists of the patent's own family members, from which it claims priority. These earlier applications inherently contain disclosures relevant to the claims of the issued patent.

#### Cited Prior Art

1. U.S. Patent Application Publication No. US20210170267A1

- Full Citation: US Patent Application Publication No. 2021/0170267 A1
- Publication Date: June 10, 2021
- Brief Description: This document describes a jigsaw puzzle apparatus that includes a main board for assembling puzzle pieces. It features a multi-layer edge structure where a "perimeter edge" is stacked on a "first side edge," with a drawer extendable from the side.
- Potential Anticipation of Claims: The inventors of...

### **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 US Patent 12,377,343

An analysis of US patent 12,377,343 in light of publicly available prior art suggests that its claims may be obvious under 35 U.S.C. § 103 to a person having ordinary skill in the art (POSITA) of puzzle accessories and game board design. The core concepts of the patent—a puzzle board with integrated drawers, a surrounding border, and a rotating base—are all well-established features in the field.

The analysis below combines references that predate the patent's priority date of September 26, 2021. These references include existing products, DIY guides, and other patents that disclose the key elements of the claimed invention. A POSITA would have been motivated to combine these known elements to achieve the predictable result of a more convenient, organized, and user-friendly puzzle platform.

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#### Analysis of Independent Claim 1

Claim 1 describes a puzzle platform where the puzzle board and its reinforcing assembly are a single, integral piece. It features a detachable upper part that connects via hooks and holes, with the assembly...

### **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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