

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

ZHUHAI COSMX BATTERY CO., LTD.,
Petitioner

v.

NINGDE AMPEREX TECHNOLOGY LTD.,
Patent Owner

IPR2025-00524
Patent 12,015,118

PATENT OWNER'S OBJECTIONS TO EVIDENCE
PURSUANT TO 37 CFR § 42.64(B)(1)

Pursuant to 37 C.F.R. § 42.64(b), Patent Owner Ningde Amperex Technology Ltd. (“ATL” or “Patent Owner”) respectfully asserts the following objections to the evidence proffered with the Corrected Petition (“Petition”) filed by Petitioner Zhuhai CosMX Battery Co., Ltd. (“Petitioner” or “CosMX”) regarding the claims of U.S. Patent No. 12,015,118 (“the ’118 patent”). The Federal Rules of Evidence (“FRE”) apply to these proceedings according to the provisions of 37 C.F.R. § 42.62(a), and these rules, along with relevant case law and PTAB Rules, form the basis of objections contained herein. Patent Owner’s objections apply equally to Petitioner’s reliance on or citation to any objected evidence in its papers. These objections are being served and filed within 10 business days from the institution of trial on October 24, 2025.

Evidence	Objection(s)
Ex. 1007	Exhibit 1007 is the alleged Excel Spreadsheet of Saka Calculations. Patent Owner objects to this exhibit as irrelevant under FRE 402, and prejudicial, misleading, confusing, and/or a waste of time under FRE 403. Patent Owner also objects to this exhibit as not based on sufficient facts or data, <i>e.g.</i>, under FRE 702(b), not based on reliable principles or methods, <i>e.g.</i> under FRE 702(c), and as not reflecting a reliable application of the principles and methods to the facts, <i>e.g.</i> under FRE 702(d).
Ex. 1010	Exhibit 1010 is the Declaration of Dr. Samuel Guido. Patent Owner objects to ¶¶ 59-70, 73-77, 80-94, 105-126, 140-174, 189-214, 216-220, 224-227, 233-234, 238-241,

	247-248, 250-256, 259-288, 291-318, 334-368, 379-408, 411-451, 461-495, and 503-528 (including illustrations, diagrams, or annotations included or referenced in any of the above paragraphs not part of the cited prior art) of this exhibit as not based on sufficient facts or data, <i>e.g.</i>, under FRE 702(b), not based on reliable principles or methods, <i>e.g.</i> under FRE 702(c), and as not reflecting a reliable application of the principles and methods to the facts, <i>e.g.</i> under FRE 702(d), as irrelevant under FRE 402, and prejudicial, misleading, confusing, and/or a waste of time under FRE 403. Also as this exhibit cites or references the exhibits that are otherwise objected to, those objections are incorporated herein.
Ex. 1012	Exhibit 1012 is the Certified Translation of the File History of Chinese Patent No. 109004170. Patent Owner objects to this exhibit as irrelevant under FRE 402, and prejudicial, misleading, confusing, and/or a waste of time under FRE 403. Patent Owner also objects to this exhibit inadmissible hearsay under FRE 802.
Ex. 1013	Exhibit 1013 is "Lithium Ion Battery Nickel Manganese Cobalt Oxide Nmc Cathode Raw Material For Lab Battery Research." Patent Owner objects to this exhibit as irrelevant under FRE 402, and prejudicial, misleading, confusing, and/or a waste of time under FRE 403. Patent Owner also objects to this exhibit as lacking authenticity under FRE 901 and for being inadmissible hearsay under FRE 802.
Ex. 1015	Exhibit 1015 is File History of U.S. Patent No. 11,664,528 Patent Owner objects to this exhibit as irrelevant under FRE 402, and prejudicial, misleading, confusing, and/or a waste of time under FRE 403.

IPR2025-00524
U.S. Patent No. 12,015,118
Patent Owner's Objections to Evidence

Ex. 1016	Exhibit 1016 is File History of U.S. Patent No. 11,322,774 Patent Owner objects to this exhibit as irrelevant under FRE 402, and prejudicial, misleading, confusing, and/or a waste of time under FRE 403.
Ex. 1017	Exhibit 1017 is File History of U.S. Patent No. 10,693,181 Patent Owner objects to this exhibit as irrelevant under FRE 402, and prejudicial, misleading, confusing, and/or a waste of time under FRE 403.
Ex. 1018	Exhibit 1018 is the ISO 13320-1 standard Patent Owner objects to this exhibit as irrelevant under FRE 402, and prejudicial, misleading, confusing, and/or a waste of time under FRE 403. Patent Owner also objects to this exhibit as lacking authenticity under FRE 901 and for being inadmissible hearsay under FRE 802.
Ex. 1020	Exhibit 1020 is Kim, J., et al., "Structure Dependent Electrochemical Behaviors of Hard Carbon Anode Materials Derived from Natural Polymers for Next-Generation Sodium Ion Battery" Polymers, 15(22):4373 (Nov. 2023) Patent Owner objects to this exhibit as irrelevant under FRE 402, and prejudicial, misleading, confusing, and/or a waste of time under FRE 403. Patent Owner also objects to this exhibit as lacking authenticity under FRE 901 and for being inadmissible hearsay under FRE 802.
Ex. 1021	Exhibit 1021 is Malvern Instruments Ltd., "A basic guide to particle characterization." Patent Owner objects to this exhibit as irrelevant under FRE 402, and prejudicial, misleading, confusing, and/or a waste of time under FRE 403. Patent Owner also objects to this exhibit as lacking authenticity under FRE 901 and for being inadmissible hearsay under FRE 802.

Ex. 1022	Exhibit 1022 is “Battery Capacity.” Patent Owner objects to this exhibit as irrelevant under FRE 402, and prejudicial, misleading, confusing, and/or a waste of time under FRE 403. Patent Owner also objects to this exhibit as lacking authenticity under FRE 901 and for being inadmissible hearsay under FRE 802.
Ex. 1023	Exhibit 1023 is “What is the difference between hard carbon black and soft carbon black?,” Dery Chemical. Patent Owner objects to this exhibit as irrelevant under FRE 402, and prejudicial, misleading, confusing, and/or a waste of time under FRE 403. Patent Owner also objects to this exhibit as lacking authenticity under FRE 901 and for being inadmissible hearsay under FRE 802.
Ex. 1024	Exhibit 1024 is “Overview of carbon black industry in China,” Henan Jinhe Industry Co., Ltd., Patent Owner objects to this exhibit as irrelevant under FRE 402, and prejudicial, misleading, confusing, and/or a waste of time under FRE 403. Patent Owner also objects to this exhibit as lacking authenticity under FRE 901 and for being inadmissible hearsay under FRE 802.
Ex. 1025	Exhibit 1025 is Abanades, A., et al., “Experimental analysis of direct thermal methane cracking,” International Journal of Hydrogen Energy, Vol. 36, pp. 12877-86 (Aug. 2011). Patent Owner objects to this exhibit as irrelevant under FRE 402, and prejudicial, misleading, confusing, and/or a waste of time under FRE 403. Patent Owner also objects to this exhibit as lacking authenticity under FRE 901 and for being inadmissible hearsay under FRE 802.

Ex. 1026	Exhibit 1026 is Kim, M., et al., "Preparation of high-crystallinity synthetic graphite from hard carbon-based carbon black," Applied Physics, Vol. 127:156 (Feb. 2021). Patent Owner objects to this exhibit as irrelevant under FRE 402, and prejudicial, misleading, confusing, and/or a waste of time under FRE 403. Patent Owner also objects to this exhibit as lacking authenticity under FRE 901 and for being inadmissible hearsay under FRE 802.
Ex. 1027	Exhibit 1027 is Dick, J.S., et al., "Alternate Instrumental Methods of Measuring Scorch and Cure Characteristics," Polymer Testing, Vol. 14, pp. 45-84 (April 1994). Patent Owner objects to this exhibit as irrelevant under FRE 402, and prejudicial, misleading, confusing, and/or a waste of time under FRE 403. Patent Owner also objects to this exhibit as lacking authenticity under FRE 901 and for being inadmissible hearsay under FRE 802.
Ex. 1028	Exhibit 1028 is Schlögl, R., "Part A: 2.1.10 Carbons," Department of Inorganic Chemistry, Fritz-Haber-Institute of the MPG (2008). Patent Owner objects to this exhibit as irrelevant under FRE 402, and prejudicial, misleading, confusing, and/or a waste of time under FRE 403. Patent Owner also objects to this exhibit as lacking authenticity under FRE 901 and for being inadmissible hearsay under FRE 802.

Dated: November 7, 2025

Respectfully submitted,

By: /Christopher TL Douglas/
Christopher TL Douglas, Reg. No. 56,950

CERTIFICATE OF SERVICE

Pursuant to 37 C.F.R. §42.64(b)(1), the undersigned hereby certifies that a true and correct copy of the foregoing **PATENT OWNER'S OBJECTIONS TO EVIDENCE PURSUANT TO 37 CFR § 42.64(B)(1)** was served in its entirety on November 7, 2025 via filing through the Patent Trial and Appeal Case Tracking System (P-TACTS) and electronic mail on the following counsel of record for Petitioner:

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Date: November 7, 2025

By: / Christopher TL Douglas /
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