

Filed on behalf of Western Digital Technologies, Inc.

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UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

WESTERN DIGITAL TECHNOLOGIES, INC.,
Petitioner,

v.

GODO KAISHA IP BRIDGE 1,
Patent Owner.

Case No. IPR2024-01447

U.S. Patent No. 8,405,134

PETITIONER'S OBJECTIONS TO EVIDENCE

I. INTRODUCTION

Pursuant to the Federal Rules of Evidence (“FRE”) and 37 C.F.R. § 42.64(b)(1), Petitioner Western Digital Technologies, Inc. timely objects to the evidence submitted by Patent Owner in this proceeding. Petitioner may move to exclude the challenged exhibits under 37 C.F.R. § 42.64(c) unless Patent Owner provides evidence curing the objections identified by Petitioner below.

II. SPECIFIC OBJECTIONS

A. Exhibits 2007-2008 – Yuasa (JJAP) and Yuasa (Nature)

Petitioner objects to Exhibits 2007 and 2008 under FRE 401-403 because they are not relevant to any issue in the IPR. These publications describe Fe-MgO-Fe magnetic tunnel junctions, which are not within the scope of any claim in the ’134 Patent and thus cannot have any nexus to the claimed inventions.

B. Exhibit 2020 – Tsymbal

Petitioner objects to Exhibit 2020 under FRE 106 because Patent Owner only purports to provide an excerpt of the document and has not made available a full copy to Petitioner.

C. Exhibit 2024 – The 23rd (FY2022) Japan Society of Applied Physics Achievement Award Recipients

Petitioner objects to Exhibit 2024 under FRE 604 because EX2024 purports to be a certified translation from Japanese to English of “The 23rd (FY2022) Japan Society of Applied Physics Achievement Award Recipients” but the translator

certification does not identify the name of the document purportedly translated. *See* EX2024 at 1.

Petitioner further objects to Exhibit 2024 under FRE 901 because Patent Owner has not produced any evidence “sufficient to support a finding that the item is what the proponent claims it is.” FRE 901(a).

Petitioner further objects to Exhibit 2024 under FRE 801-802 because it is offered for the truth of the matters asserted and is not subject to any hearsay exception. For example, Patent Owner relies on certain dates and statements of fact in Exhibit 2024 for the truth of the matters asserted. *See, e.g.*, POR at 65-66; EX2053 ¶ 268.

D. Exhibit 2026 – 2021 New Fellows

Petitioner objects to Exhibit 2026 under FRE 901 because Patent Owner has not produced any evidence “sufficient to support a finding that the item is what the proponent claims it is.” FRE 901(a).

Petitioner further objects to Exhibit 2026 under FRE 801-802 because it is offered for the truth of the matters asserted and is not subject to any hearsay exception. For example, Patent Owner relies on certain dates and statements of fact in Exhibit 2026 for the truth of the matters asserted. *See, e.g.*, POR at 66; EX2053 ¶ 268.

E. Exhibit 2027 – JST owned patent wins Future Creative Invention Prize

Petitioner objects to Exhibit 2027 under FRE 901 because Patent Owner has not produced any evidence “sufficient to support a finding that the item is what the proponent claims it is.” FRE 901(a).

Petitioner further objects to Exhibit 2027 under FRE 801-802 because it is offered for the truth of the matters asserted and is not subject to any hearsay exception. For example, Patent Owner relies on certain dates and statements of fact in Exhibit 2027 for the truth of the matters asserted. *See, e.g.*, POR at 66; EX2053 ¶ 268.

F. Exhibit 2028 – Dr. Shinji Yuasa profile

Petitioner objects to Exhibit 2028 under FRE 901 because Patent Owner has not produced any evidence “sufficient to support a finding that the item is what the proponent claims it is.” FRE 901(a).

Petitioner further objects to Exhibit 2028 under FRE 801-802 because it is offered for the truth of the matters asserted and is not subject to any hearsay exception. For example, Patent Owner relies on certain dates and statements of fact in Exhibit 2028 for the truth of the matters asserted. *See, e.g.*, POR at 67; EX2053 ¶ 272.

G. Exhibit 2029 – AIST wins three Science and Technology Awards in the 2016 Minister of Education, Culture, Sports, Science and Technology Commendation for Science and Technology

Petitioner objects to Exhibit 2029 under FRE 901 because Patent Owner has not produced any evidence “sufficient to support a finding that the item is what the proponent claims it is.” FRE 901(a). Patent Owner provided the following webpage address in connection with Exhibit 2029 (*see* POR at viii), but this address directs to a webpage in the Japanese language and Patent Owner did not provide a certified English translation: https://www.aist.go.jp/aist_j/news/prize/pr20160412_3.html.

Petitioner further objects to Exhibit 2029 under FRE 801-802 because it is offered for the truth of the matters asserted and is not subject to any hearsay exception. For example, Patent Owner relies on certain dates and statements of fact in Exhibit 2029 for the truth of the matters asserted. *See, e.g.*, POR at 66; EX2053 ¶ 269.

H. Exhibit 2031 – Shinji Yuasa – IEEE Magnetics Society

Petitioner objects to Exhibit 2031 under FRE 901 because Patent Owner has not produced any evidence “sufficient to support a finding that the item is what the proponent claims it is.” FRE 901(a).

Petitioner further objects to Exhibit 2031 under FRE 801-802 because it is offered for the truth of the matters asserted and is not subject to any hearsay

exception. For example, Patent Owner relies on certain statements of fact in Exhibit 2031 for the truth of the matters asserted. *See, e.g.*, POR at 66; EX2053 ¶ 270.

I. Exhibit 2032 – AIST: Winner of the 20th Tsukuba Award

Petitioner objects to Exhibit 2032 under FRE 901 because Patent Owner has not produced any evidence “sufficient to support a finding that the item is what the proponent claims it is.” FRE 901(a). Patent Owner provided the following webpage address in connection with Exhibit 2032 (*see* POR at viii), but this address directs to a webpage in the Japanese language and Patent Owner did not provide a certified English translation: https://www.aist.go.jp/aist_j/news/prize/itemid025-000077.html.

Petitioner further objects to Exhibit 2032 under FRE 801-802 because it is offered for the truth of the matters asserted and is not subject to any hearsay exception. For example, Patent Owner relies on certain dates and statements of fact in Exhibit 2032 for the truth of the matters asserted. *See, e.g.*, POR at 67; EX2053 ¶ 271.

J. Exhibit 2033 – Announcing the winners for “Tsukuba Prize,” “Esaki Leona Prize,” and “Tsukuba Encouragement Prize”

Petitioner objects to Exhibit 2033 under FRE 901 because Patent Owner has not produced any evidence “sufficient to support a finding that the item is what the proponent claims it is.” FRE 901(a).

Petitioner further objects to Exhibit 2033 under FRE 801-802 because it is offered for the truth of the matters asserted and is not subject to any hearsay exception. For example, Patent Owner relies on certain dates and statements of fact in Exhibit 2033 for the truth of the matters asserted. *See, e.g.*, POR at 67; EX2053 ¶ 271.

K. Exhibit 2034 – AIST: 34th Inoue Harunari Prize

Petitioner objects to Exhibit 2034 under FRE 901 because Patent Owner has not produced any evidence “sufficient to support a finding that the item is what the proponent claims it is.” FRE 901(a). Patent Owner provided the following webpage address in connection with Exhibit 2034 (*see* POR at viii), but this address directs to a webpage in the Japanese language and Patent Owner did not provide a certified English translation: https://www.aist.go.jp/aist_j/news/prize/itemid025-000082.html.

Petitioner further objects to Exhibit 2034 under FRE 801-802 because it is offered for the truth of the matters asserted and is not subject to any hearsay exception. For example, Patent Owner relies on certain dates and statements of fact in Exhibit 2034 for the truth of the matters asserted. *See, e.g.*, POR at 67; EX2053 ¶ 271.

L. Exhibit 2035 – Technological seeds that overcome the valley of death

Petitioner objects to Exhibit 2035 under FRE 901 because Patent Owner has not produced any evidence “sufficient to support a finding that the item is what the proponent claims it is.” FRE 901(a). Patent Owner provided the following webpage address in connection with Exhibit 2035 (*see* POR at ix), but this address is in the Japanese language and does not direct to the purported article entitled “Technological seeds that overcome the valley of death (Shinji Yuasa/Head of the Spintronics Group, National Institute of Advanced Industrial Science and Technology)”: https://scienceportal.jst.go.jp/explore/highlight/20090717_01/.

Petitioner further objects to Exhibit 2035 under FRE 801-802 because it is offered for the truth of the matters asserted and is not subject to any hearsay exception. For example, Patent Owner relies on certain dates and statements of fact in Exhibit 2035 for the truth of the matters asserted. *See, e.g.*, POR at 67; EX2053 ¶ 271.

M. Exhibit 2038 – Maat

Petitioner objects to Exhibit 2038 under FRE 801-802 because it is offered for the truth of the matters asserted and is not subject to any hearsay exception. For example, Patent Owner relies on certain dates and statements of fact in Exhibit 2038 for the truth of the matters asserted. *See, e.g.*, POR at 68; EX2053 ¶ 273.

N. Exhibit 2039 – Butler

Petitioner objects to Exhibit 2039 under FRE 801-802 because it is offered for the truth of the matters asserted and is not subject to any hearsay exception. For example, Patent Owner relies on certain dates and statements of fact in Exhibit 2039 for the truth of the matters asserted. *See, e.g.*, POR at 68; EX2053 ¶ 273.

O. Exhibit 2048 – Ohring

Petitioner objects to Exhibit 2048 under FRE 106 because Patent Owner only purports to provide an excerpt of the document and has not made available a full copy to Petitioner.

P. Exhibit 2053 – Declaration of Caroline A. Ross, Ph.D.

Petitioner objects to Exhibit 2053 under FRE 701-705 and 801-802 because Dr. Ross has not been made available for deposition. Petitioner reserves the right to raise any additional objections that become apparent from Dr. Ross' declaration at that time if she is made available for deposition.

Q. Exhibit 2058 – Powder diffraction file for Au

Petitioner objects to Exhibit 2058 under FRE 901 because Patent Owner has not produced any evidence "sufficient to support a finding that the item is what the proponent claims it is." FRE 901(a). Patent Owner provided the following webpage address in connection with Exhibit 2058 (*see* POR at x), but this address does not direct to the purported article entitled "Power diffraction file for Au, from Joint

Committee of Powder Diffraction Standards (JCPDS), The International Centre for Diffraction Data, icdd.com”: <https://www.icdd.com/>.

Petitioner further objects to Exhibit 2058 under FRE 801-802 because it is offered for the truth of the matters asserted and is not subject to any hearsay exception. For example, Patent Owner relies on certain statements of fact in Exhibit 2058 for the truth of the matters asserted. *See, e.g.*, POR at 54; EX2053 ¶ 226.

R. Exhibit 2059 – Excerpt of Deposition Transcript of Dr. Jeffrey Bokor, *Qualcomm Inc. v. Monterey Research, LLC*, IPR2021-00125, EX1020 (Nov. 19, 2021)

Petitioner objects to Exhibit 2059 under FRE 401-403 because Exhibit 2059 is a transcript from an unrelated proceeding regarding an unrelated patent and unrelated parties and thus is not relevant to any issue in this IPR, and any probative value is substantially outweighed by the danger of unfair prejudice and confusing the issues.

Petitioner further objects to Exhibit 2059 under FRE 106 because Patent Owner only purports to provide an excerpt of the document and has not made available a full copy to Petitioner.

S. Exhibit 2069 – Murr

Petitioner objects to Exhibit 2068 under FRE 401-403 because Exhibit 2069 is dated after the asserted earliest filing date of the '134 Patent and is thus not relevant to any issue in this IPR.

Petitioner further objects to Exhibit 2069 under FRE 801-802 because it is offered for the truth of the matters asserted and is not subject to any hearsay exception. For example, Patent Owner relies on certain statements of fact in Exhibit 2069 for the truth of the matters asserted. *See, e.g.*, POR at 33; EX2053 ¶ 131.

Petitioner further objects to Exhibit 2069 under FRE 106 because Patent Owner only purports to provide an excerpt of the document and has not made available a full copy to Petitioner.

ARMOND WILSON LLP

Dated: July 23, 2025

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CERTIFICATE OF SERVICE

The undersigned certifies that pursuant to 37 C.F.R. § 42.6(e), a true copy of the foregoing **PETITIONER’S OBJECTIONS TO EVIDENCE** is being served electronically on July 23, 2025 to the following counsel for Patent Owner to the following email addresses:

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