Paper No. \_\_\_\_ Filed: June 30, 2017

UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE PATENT TRIAL AND APPEAL BOARD
APPLE INC., Petitioner,
v.
CALIFORNIA INSTITUTE OF TECHNOLOGY, Patent Owner.
Case IPR2017-00219 Patent 7,116,710

PATENT OWNER'S NOTICE OF OBJECTION TO EVIDENCE

## I. INTRODUCTION

Pursuant to 37 C.F.R. § 42.64(b)(1), Patent Owner California Institute of Technology ("Caltech"), submits the following objections to Petitioner Apple Inc.'s ("Petitioner") Exhibits 1202, 1212, 1213, 1215, 1216 and 1219. As required by 37 C.F.R. § 42.62, Patent Owner's objections below apply the Federal Rules of Evidence ("F.R.E.").

### II. OBJECTIONS

A. Objections to Ex. 1202 and any Reference to/Reliance Thereon

Evidence objected to: Ex. 1202, "Frey, B.J. and MacKay, D.J.C., 'Irregular

Turbocodes.'"

Grounds for Objection: F.R.E. 106 (Remainder of or Related Writings or Recorded Statements); F.R.E. 801, 802 (Impermissible Hearsay); F.R.E. 901 (Authenticating and Identifying Evidence); F.R.E. 1002, 1003 (Admissibility of Duplicates).

Ex. 1202 is purportedly an excerpt of the Proceedings of the Thirty-Seventh Annual Allerton Conference on Communication, Control and Computing and, as such, it is incomplete and omits parts of the record "that in fairness ought to be considered at the same time." In addition, the exhibit represents impermissible hearsay. Moreover, the exhibit has not been authenticated. Finally, the exhibit is not the original writing and "the circumstances make it unfair to admit the



duplicate," including illegibility of aspects of the document.

# B. Objections to Ex. 1212 and any Reference to/Reliance Thereon

Evidence objected to: Ex. 1212, "Declaration of Robin Fradenburgh."

Grounds for Objection: F.R.E. 401 (Test for Relevant Evidence); F.R.E. 402 (Excluding Relevant Evidence for Prejudice, Confusion, Waste of Time, or Other Reasons); F.R.E. 801, 802 (Impermissible Hearsay).

Ex. 1212 is not cited in the petition that initiated this proceeding. As such, this exhibit is not relevant to the instituted ground of review or any other aspect of this proceeding as it has no tendency to make a fact more or less probable than it would be without the evidence. Moreover, Ex. 1212 is additionally not relevant to the instituted ground because any asserted facts to which the exhibit relates are of no consequence in determining this proceeding. Further, to the extent it is deemed relevant admission of the exhibit would be unduly prejudicial, misleading, and a waste of time in view of the fact that it is not cited in the petition. In addition, Ex. 1212 is a declaration prepared for and submitted in another proceeding in which the witness was not made available for cross-examination. Ms. Fradenburgh is not a witness in this proceeding. As such, the exhibit represents impermissible hearsay.

## C. Objections to Ex. 1213, and any Reference to/Reliance Thereon

Evidence objected to: Ex. 1213, "Frey, B.J. and MacKay, D.J.C., 'Irregular



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Turbo-Like Codes."

Grounds for Objection: F.R.E. 401 (Test for Relevant Evidence); F.R.E. 402 (Excluding Relevant Evidence for Prejudice, Confusion, Waste of Time, or Other Reasons).

Ex. 1213 is not cited in the petition that initiated this proceeding. As such, this exhibit is not relevant to the instituted ground of review or any other aspect of this proceeding as it has no tendency to make a fact more or less probable than it would be without the evidence. Moreover, Ex. 1213 is additionally not relevant to the instituted ground because any asserted facts to which the exhibit relates are of no consequence in determining this proceeding. Further, to the extent this exhibit is deemed relevant admission of the exhibit would be unduly prejudicial, misleading, and a waste of time in view of the fact that it is not cited in the petition.

## D. Objections to Ex. 1215 and any Reference to/Reliance Thereon

Evidence objected to: Ex. 1215, "Table of Contents of Proceedings of the 37<sup>th</sup> Allerton Conference on Communication, Control and Computing."

Grounds for Objection: F.R.E. 106 (Remainder of or Related Writings or Recorded Statements); F.R.E. 401 (Test for Relevant Evidence); F.R.E. 402 (Excluding Relevant Evidence for Prejudice, Confusion, Waste of Time, or Other Reasons); F.R.E. 801, 802 (Impermissible Hearsay).F.R.E. 801, 802



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(Impermissible Hearsay); F.R.E. 901 (Authenticating and Identifying Evidence); F.R.E. 1002, 1003 (Admissibility of Duplicates).

Ex. 1215 is purportedly an excerpt of the Proceedings of the Thirty-Seventh Annual Allerton Conference on Communication, Control and Computing and, as such, it is incomplete and omits parts of the record "that in fairness ought to be considered at the same time." In addition, the only citation to Ex. 1215 in the petition that initiated this proceeding appears to be a typo. As such, this exhibit is not relevant to the instituted ground of review or any other aspect of this proceeding as it has no tendency to make a fact more or less probable than it would be without the evidence. Moreover, Ex. 1215 is additionally not relevant to the instituted ground because any asserted facts to which the exhibit relates are of no consequence in determining this proceeding. Further, to the extent it is deemed relevant admission of the exhibit would be unduly prejudicial, misleading, and a waste of time in view of the fact that it is not cited in the petition. In addition, the exhibit represents impermissible hearsay. Moreover, the exhibit has not been authenticated. Finally, the exhibit is not the original writing and "the circumstances make it unfair to admit the duplicate," including illegibility of aspects of the document.

E. Objections to Ex. 1216 and any Reference to/Reliance Thereon Evidence objected to: Ex. 1216, "Joint Claim Construction Statement."



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