

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
U.S. Patent No. 7,116,710

PETITIONER'S UPDATED EXHIBIT LIST

Pursuant to the Board's authorization in Paper 52, dated February 28, 2018,
Petitioners hereby submits the Declaration of James A. Davis, Ph.D. and this
updated Exhibit List. The Declaration of James A. Davis, Ph.D. is Exhibit 1273.

Respectfully submitted,

Date: March 1, 2018

/Michael Smith /

Michael H. Smith
Registration No. 71,190

LIST OF EXHIBITS

Exhibit	Description
1201	U.S. Patent 7,116,710
1202	Frey, B. J. and MacKay, D. J. C., "Irregular Turbocodes," Proc. 37th Allerton Conf. on Comm., Control and Computing, Monticello, Illinois, published on or before March 20, 2000
1203	D. Divsalar, H. Jin, and R. J. McEliece, "Coding theorems for "turbo-like" codes," Proc. 36th Allerton Conf. on Comm., Control and Computing, Allerton, Illinois, pp. 201-10, March, 1999
1204	Luby, M. et al., "Analysis of Low Density Codes and Improved Designs Using Irregular Graphs," STOC '98, pp. 249-59, published in 1998
1205	Pfister et al., "The Serial Concatenation of Rate-1 Codes Through Uniform Random Interleavers" (Exhibit 1 to the Siegel Declaration)
1206	Declaration of Professor James Davis, Ph.D. ("Davis Declaration")
1207	Gallager, R., Low-Density Parity-Check Codes, Monograph, M.I.T. Press, 1963
1208	Berrou et al., "Near Shannon Limit Error-Correcting Coding and Decoding: Turbo Codes," ICC '93, Technical Program, Conference Record 1064, Geneva 1993
1209	MacKay, D. J. C, and Neal, R. M. "Near Shannon Limit Performance of Low Density Parity Check Codes," Electronics Letters, vol. 32, pp. 1645-46, 1996
1210	Benedetto, S. et al., Serial Concatenation of Block and Convolutional Codes, 32.10 Electronics Letters 887-8, 1996
1211	Luby, M. et al., "Practical Loss-Resilient Codes," STOC '97, 1997

f1212	Declaration of Robin Fradenburgh Concerning the “Proceedings, 36th Allerton Conference on Communications, Control, and Computing” Reference
1213	Frey, B. J. and MacKay, D. J. C., “Irregular Turbo-Like Codes” presented at the 1999 Allerton Conference on Communications, Control, and Computing
1214	Prosecution History of the ’710 Patent, Response Dated May 5, 2005
1215	Table of Contents of Proceedings of the 37th Allerton Conference on Communication, Control and Computing from September 22-24, 1999
1216	Joint Claim Construction Statement (Case No. 2:13-cv-07245, Dkt. No. 47)
1217	Expert Report of Dr. Brendan Frey (Case No. 2:13-cv-07245)
1218	Aamod Khandekar, “Graph-based Codes and Iterative Decoding,” Thesis submitted June 10, 2002
1219	Richardson, Shokrollahi, and Urbanke, “Design of Provably Good Low-Density Parity Check Codes”
1220	Declaration of Paul H. Siegel
1221	U.S. Provisional Application No. 60/205,095
1222	Mitzenmacher, M. “Studying balanced allocations with differential equations,” <i>Combinatorics, Probability & Computing</i> 8.5, pp. 473-482, September 1999
1223	Barg <i>et al.</i> , “Linear-time Binary Codes Correcting Localized Structures,” <i>IEEE Transactions on Information Theory</i> 45.7, pp. 2545-2550, November 1999

1224	Shokrollahi, "New Sequences of Linear Time Erasure Codes Approaching the Channel Capacity," <i>Applied Algebra, Algebraic Algorithms and Error-Correcting Codes</i> , pp. 65-76, 1999
1225	Declaration Of Richard Goldenberg In Support Of Unopposed Motions To Submit Replacement Exhibits Pursuant To 37 C.F.R. § 42.104(c)
1226	Declaration Of Jonathan Barbee In Support Of Unopposed Motions To Submit Replacement Exhibits Pursuant To 37 C.F.R. § 42.104(c)
1227	Declaration of James M. Dowd in Support of Motion for Admission <i>Pro Hac Vice</i>
1228	Declaration of Mark D. Selwyn in Support of Motion for Admission <i>Pro Hac Vice</i>
1229	OCLC Record of <i>Proceedings of the 36th Allerton Conference on Communication, Control and Computing</i> , indicating the 36th Allerton Conference Proceeding was published by June 3, 1999
1230	Declaration of Library Expert Theodore A. Fons
1231	Affidavit of Pamela Stansbury (an employee in the Original Cataloging Unit of the Cornell University Library)
1232	Affidavit from Dr. Bruce Hajek (a six-time co-chair of the Allerton Conference, including the 36th Allerton Conference and the 37th Allerton Conference)
1233	Affidavit from Dr. Tamer Basar (a six-time co-chair of the Allerton Conference, including the 36th Allerton Conference)
1234	Affidavit from Dr. Ramavarapu Sreenivas (a two-time co-chair of the Allerton Conference, including the 37th Allerton Conference)
1235	Declaration of Dr. Brendan Frey
1236	A Screen Capture of an Archived Version of the Website for the 37th Annual Allerton Conference, dated September 9, 1999
1237	A Purchase Order for the 37th Allerton Conference Proceedings, dated December 8, 1999
1238	A Bill of Lading for the 37th Annual Allerton Conference Proceedings, with a ship date of February 21, 2000

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