UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SAMSUNG ELECTRONICS CO., LTD.
Petitioner

v.

CALIFORNIA INSTITUTE OF TECHNOLOGY
Patent Owner

Patent No. 7,421,032

PETITION FOR *INTER PARTES* REVIEW
OF U.S. PATENT NO. 7,421,032

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LIST OF EXHIBITS

Ex. 1001	U.S. Patent No. 7,421,032
Ex. 1002	Declaration of Matthew C. Valenti, Ph.D., P.E.
Ex. 1003	Curriculum Vitae of Matthew C. Valenti, Ph.D., P.E.
Ex. 1004	Prosecution History of U.S. Patent No. 7,421,032
Ex. 1005	U.S. Patent No. 6,029,264 to Kobayashi et al. ("*Kobayashi*")
Ex. 1006	McEliece *et al.*, "Turbo Decoding as an Instance of Pearl's 'Belief Propogation' Algorithm," *IEEE Journal On Selected Areas in Communication*, Vol. 16, No. 2 (February 1998). ("*McEliece*")
Ex. 1007	MacKay, "A Free Energy Minimization Framework for Inference Problems in Modulo 2 Arithmetic," *Fast Software Encryption*, B. Preneel, Ed. Berlin, Germany: Springer-Verlag Lecture Notes in Computer Science, Vol. 1008 (1995). ("*MacKay*")
Ex. 1008	RESERVED
Ex. 1009	Rorabaugh, *Error Coding Cookbook: Practical C/C++ Routines and Recipes for Error Detection and Correction* (1996). ("*Rorabaugh*")
Ex. 1010	Lin & Costello, *Error Control Coding: Fundamentals and Applications* (1983). ("*Lin/Costello*")
Ex. 1011	Cheng, "On the Construction of Efficient Multilevel Coded Modulations," *Proceedings 1997 IEEE International Symposium on Information Theory* (July 1997). ("*Cheng I*")
Ex. 1012	Cheng, "Iterative Decoding," Ph.D. dissertation, California Institute of Technology, Pasadena, CA (March 1997). ("*Cheng II*")
Ex. 1013	RESERVED
Ex. 1014	RESERVED

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