

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of: Chang Kwon, et al.
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Appl. Serial No.: 12/365,559
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Title: MULTIPLE SUPPLY-VOLTAGE POWER-UP/DOWN
DETECTORS

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**PETITION FOR *INTER PARTES* REVIEW OF UNITED STATES PATENT
NO. 8,063,674 PURSUANT TO 35 U.S.C. §§ 311–319, 37 C.F.R. § 42**

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EXHIBITS

- APPLE-1001 U.S. Patent No. 8,063,674 to Kwon *et al.* (“the ’674 patent”)
- APPLE-1002 Excerpts from the Prosecution History of the ’674 Patent (“the Prosecution History”)
- APPLE-1003 Declaration of Dr. Robert Horst
- APPLE-1004 Curriculum Vitae of Dr. Robert Horst
- APPLE-1005 U.S. Patent No. 7,279,943 to Steinacker (“Steinacker”)
- APPLE-1006 U.S. Patent No. 4,717,836 to Doyle (“Doyle”)
- APPLE-1007 Jun Cheol Park and Vincent J. Mooney, *Sleepy Stack Leakage Reduction*, 14 IEEE Transactions On Very Large Scale Integration (VLSI) Systems 1251 (2006) (“Park”)
- APPLE-1008 U.S. Pat. Appl. Pub. No. 2002/0163364 to Majcherczak *et al.* (“Majcherczak”)
- APPLE-1009 U.S. Patent No. 6,646,844 to Matthews (“Matthews”)
- APPLE-1010 G. W. Griffiths, “A Review of Semiconductor Packaging and Its Role in Electronics Manufacturing,” 8th IEEE/CHMT International Conference on Electronic Manufacturing Technology Symposium (1990)
- APPLE-1011 Wang-Chang Albert Gu, “RF Front-End Modules in Cellular Handsets,” 2004 IEEE Compound Semiconductor Integrated Circuit Symposium (2005)
- APPLE-1012 Kaushik Roy *et al.*, “Leakage current mechanisms and leakage reduction techniques in deep-submicrometer CMOS circuits,” 91 Proceedings of the IEEE 2, pp. 305-327 (Apr. 2003) (“Roy”)

- APPLE-1013 Yangyang Ye *et al.*, “A new technique for standby leakage reduction in high-performance circuits,” 1998 Symposium on VLSI Circuits. Digest of Technical Papers (Cat. No.98CH36215), Honolulu, HI, USA, 1998, pp. 40-41 (“Borkar”)
- APPLE-1014 U.S. Patent No. 7,049,865 to Parker *et al.* (“Parker”)
- APPLE-1015 Qadeer A. Khan *et al.*, “A Sequence Independent Power-on-Reset Circuit for Multi-Voltage Systems,” 2006 IEEE International Symposium on Circuits and Systems (Sep. 2006)
- APPLE-1016 Declaration of Jacob Munford (with attachments)

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