

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent of: Al-Ali  
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Title: LOW POWER PULSE OXIMETER

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**PETITION FOR *INTER PARTES* REVIEW OF UNITED STATES PATENT  
NO. 8,457,703 PURSUANT TO 35 U.S.C. §§ 311–319, 37 C.F.R. § 42**

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**EXHIBITS**

- APPLE-1001 U.S. Patent No. 8,457,703 to Al-Ali (“the ’703 Patent”)
- APPLE-1002 Excerpts from the Prosecution History of the ’703 Patent
- APPLE-1003 Declaration of Brian W. Anthony, Ph.D.
- APPLE-1004 U.S. Patent No. 6,293,915 to Amano et al. (“Amano”)
- APPLE-1005 U.S. Patent No. 6,393,311 to Edgar, Jr. et al. (“Edgar”)
- APPLE-1006 U.S. Patent No. 6,527,729 to Turcott (“Turcott”)
- APPLE-1007 U.S. Patent No. 5,632,272 to Diab et al. (“Diab”)
- APPLE-1008 U.S. Patent No. 6,178,343 to Bindszus et al.
- APPLE-1009 U.S. Patent No. 5,924,979 to Swedlow et al.
- APPLE-1010 Tremper, *Pulse Oximetry*, Anesthesiology, The Journal of the American Society of Anesthesiologists, Inc., Vol. 70, No. 1 (January 1989)
- APPLE-1011 Mendelson, *Skin Reflectance Pulse Oximetry: In Vivo Measurements from the Forearm and Calf*, Journal of Clinical Monitoring, Vol. 7, No. 1 (January 1991)
- APPLE-1012 Excerpts from Bronzino, *The Biomedical Engineering Handbook*, CRC Press, Inc. (1995)
- APPLE-1013 Konig, *Reflectance Pulse Oximetry – Principles and Obstetric Application in the Zurich System*, Journal of Clinical Monitoring, Vol. 14, No. 6 (August 1998)
- APPLE-1014 U.S. Patent No. 5,490,505 to Diab et al.
- APPLE-1015 U.S. Patent No. 5,027,410 to Williamson et al.

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