

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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US ENDODONTICS, LLC,  
Petitioner

v.

GOLD STANDARD INSTRUMENTS, LLC,  
Patent Owner

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Case No. IPR2015-00632  
U.S. Patent No. 8,727,773 B2

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**PETITION FOR *INTER PARTES* REVIEW**

Mail Stop PATENT BOARD  
Patent Trial and Appeal Board  
US Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

*Submitted Electronically via the Patent Review Processing System*

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## LISTING OF EXHIBITS

Exhibit #	Exhibit Description
1001	U.S. Patent No. 8,727,773 B2 (the “773 patent”)
1002	Declaration of A. Jon Goldberg
1003	Harmeet Walia et al., <i>An Initial Investigation of the Bending and Torsional Properties of Nitinol Root Canal Files</i> , 14 J. ENDODONTICS 346 (1988) (“Walia”)
1004	Fujio Miura et al., <i>The super-elastic property of the Japanese NiTi alloy wire for use in orthodontics</i> , 90 AM. J. ORTHODONTICS & DENTOFACIAL ORTHOPEDICS 1 (1986) (“Miura”)
1005	Satish B. Alapati, “An investigation of phase transformation mechanisms for nickel-titanium rotary endodontic instruments,” PhD thesis, 2006. (“Alapati”)
1006	Alan R. Pelton et al., <i>Optimisation of Processing and Properties of Medical-Grade Nitinol Wire</i> , 9 Minimally Invasive Therapies & Allied Techs. 107 (2000) (“Pelton”);
1007	U.S. Patent No. 5,697,906 to Ariola et al.
1008	Prosecution history of the ’773 patent
1009	Prosecution history of U.S. Patent No. 8,062,033
1010	Prosecution history of U.S. Patent No. 8,562,341
1011	US. Provisional Patent Application No. 60/578,091
1012	U.S. Patent Application Publication No. 2008/0032260 A1, Luebke (“Luebke 2008”)
1013	Prosecution history of U.S. Patent No. 8,083,873
1014	U.S. Patent Application Publication No. 2011/0271529 A1, Gao et al. (“Gao”)
1015	U.S. Provisional Patent Application No. 61/332,954

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