### Served on behalf of: Gold Standard Instruments, LLC

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### UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

US ENDODONTICS, LLC,

Petitioner,

v.

GOLD STANDARD INSTRUMENTS, LLC, Patent Owner.

Case IPR2015-00632 Patent 8,727,773 B2

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## PATENT OWNER'S OBJECTIONS TO PETITIONER'S EVIDENCE



Pursuant to 37 C.F.R. § 42.64(b)(1), Patent Owner Gold Standard Instruments, LLC, objects to the following evidence submitted by Petitioner with its Petition for Inter Partes Review of U.S. Patent No. 8,727,773 (Paper No. 2).

<b>Evidence Submitted by Petitioner</b>	Patent Owner's Objections
Ex. 1002 (Declaration of A. Jon	All portions of the Declaration not
Goldberg)	based on personal knowledge are
	objected to as improper hearsay (FRE
	801).
	Paragraphs 88, 99-105, 113, 120-124,
	126, 127, 129, 138, 140, 141-144, 146,
	153-163, 165, 167, 168, 171, 175, 181,
	183, 186, 187, 192-198, 206, 214, 217-
	221, and 223-227 are objected to as
	improper legal conclusions (FRE 702).
	Paragraphs 25-35, 37-40, 42-58, 65-70,
	75-82, 86-127, 168-198, 226-227 are
	objected to as irrelevant to the grounds
	upon which trial has been instituted
	(FRE 401-403).
	Paragraphs 39, 40, 134-137, 172, and
	201 are objected to as lacking
	foundation, assuming facts not in
	evidence, containing testimony on
	matters in which the witness lacks
	personal knowledge, and conclusory
	(FRE 602, 703, 705).
	Paragraph 204 is objected to for lack of
F 1002 (V	authentication (FRE 901).
Ex. 1003 (Harmeet Walia et al., An	This exhibit is objected to as irrelevant
Initial Investigation of the Bending and	to the grounds upon which trial has
Torsional Properties of Nitinol Root	been instituted (FRE 401-403) and as
Canal Files, 14 J. ENDODONTICS 346	improper hearsay (FRE 801).
(1988))	



<b>Evidence Submitted by Petitioner</b>	Patent Owner's Objections
Ex. 1004 (Fujio Miura et al., The super-	This exhibit is objected to as irrelevant
elastic property of the Japanese NiTi	to the grounds upon which trial has
alloy wire for use in orthodontics, 90	been instituted (FRE 401-403) and as
AM. J. ORTHODONTICS &	improper hearsay (FRE 801).
DENTOFACIAL ORTHOPEDICS 1	
(1986))	
Ex. 1005 (Satish B. Alapati, "An	This exhibit is objected to as irrelevant
investigation of phase transformation	to the grounds upon which trial has
mechanisms for nickel-titanium rotary	been instituted (FRE 401-403) and as
endodontic instruments," PhD thesis,	improper hearsay (FRE 801).
2006)	
Ex. 1006 (Alan R. Pelton et al.,	This exhibit is objected to as irrelevant
Optimisation of Processing and	because it is not analogous prior art
Properties of Medical-Grade Nitinol	(FRE 401-403) and as improper
Wire, 9 Minimally Invasive Therapies	hearsay (FRE 801).
& Allied Techs. 107 (2000))	
Ex. 1007 (U.S. Patent No. 5,697,906 to	This exhibit is objected to as irrelevant
Ariola et al.)	to the grounds upon which trial has
	been instituted (FRE 401-403) and as
	improper hearsay (FRE 801).
Ex. 1009 (Prosecution history of U.S.	This exhibit is objected to as irrelevant
Patent No. 8,062,033)	to the grounds upon which trial has
	been instituted (FRE 401-403) and as
	improper hearsay (FRE 801).
Ex. 1010 (Prosecution history of U.S.	This exhibit is objected to as irrelevant
Patent No. 8,562,341)	to the grounds upon which trial has
	been instituted (FRE 401-403) and as
	improper hearsay (FRE 801).
Ex. 1011 (US. Provisional Patent	This exhibit is objected to as irrelevant
Application No. 60/578,091)	to the grounds upon which trial has
	been instituted (FRE 401-403) and as
	improper hearsay (FRE 801).
Ex. 1012 (U.S. Patent Application	This exhibit is objected to as irrelevant
Publication No. 2008/0032260 A1,	to the grounds upon which trial has
Luebke)	been instituted (FRE 401-403) and as
	improper hearsay (FRE 801).



<b>Evidence Submitted by Petitioner</b>	Patent Owner's Objections
Ex. 1013 (Prosecution history of U.S.	This exhibit is objected to as irrelevant
Patent No. 8,083,873)	to the grounds upon which trial has
	been instituted (FRE 401-403) and as
	improper hearsay (FRE 801).
Ex. 1014 (U.S. Patent Application	This exhibit is objected to as irrelevant
Publication No. 2011/0271529 A1, Gao	to the grounds upon which trial has
et al.)	been instituted (FRE 401-403) and as
	improper hearsay (FRE 801).
Ex. 1015 (U.S. Provisional Patent	This exhibit is objected to as irrelevant
Application No. 61/332,954)	to the grounds upon which trial has
	been instituted (FRE 401-403) and as
	improper hearsay (FRE 801).
Ex. 1017 (International Standard ISO	This exhibit is objected to as irrelevant
3630-1, 2nd ed. (2008))	to the grounds upon which trial has
	been instituted (FRE 401-403) and as
	improper hearsay (FRE 801).
Ex. 1018 (Salwa E. Khier et al., Bending	This exhibit is objected to as irrelevant
properties of superelastic and	to the grounds upon which trial has
nonsuperelastic nickel-titanium	been instituted (FRE 401-403) and as
orthodontic wires, 99 AM. J.	improper hearsay (FRE 801).
ORTHODONTICS & DENTOFACIAL	
ORTHOPEDICS 310 (1991))	
Ex. 1020 (U.S. Patent No. 5,628,674 to	This exhibit is objected to as irrelevant
Heath et al.)	to the grounds upon which trial has
	been instituted (FRE 401-403) and as
	improper hearsay (FRE 801).
Ex. 1021 (Edgar Schäfer et al., Bending	This exhibit is objected to as irrelevant
properties of rotary nickel-titanium	to the grounds upon which trial has
instruments, 96 ORAL SURGERY	been instituted (FRE 401-403) and as
ORAL MEDICINE ORAL	improper hearsay (FRE 801).
PATHOLOGY 757 (2003))	
Ex. 1024 (S. Miyazaki et al.,	This exhibit is objected to as irrelevant
Characteristics of Deformation and	to the grounds upon which trial has
Transformation Pseudoelasticity in Ti-Ti	been instituted (FRE 401-403) and as
Alloys, 43 J. PHYSIQUE COLLOQUES	improper hearsay (FRE 801).
C4-255 (1982))	



<b>Evidence Submitted by Petitioner</b>	Patent Owner's Objections
Ex. 1025 (Franklin S. Weine,	This exhibit is objected to as irrelevant
ENDODONTIC THERAPY, 6th Ed.,	to the grounds upon which trial has
2004, Chapter 5)	been instituted (FRE 401-403) and as
	improper hearsay (FRE 801).
Ex. 1026 (Japanese Unexamined Patent	This exhibit is objected to as irrelevant
Application Publication No. 2006-	to the grounds upon which trial has
149675, Matsutani et al.)	been instituted (FRE 401-403) and as
	improper hearsay (FRE 801).
Ex. 1027 (English translation of	This exhibit is objected to as irrelevant
Japanese Unexamined Patent	to the grounds upon which trial has
Application Publication No. 2006-	been instituted (FRE 401-403), as
149675, Matsutani et al.)	hearsay evidence (FRE 801), and for
	lack of authentication (FRE 901).

The foregoing objections are made within 10 business days of the institution of the trial in accordance with 37 C.F.R. § 42.64(b)(1).

Respectfully submitted,

Dated: August 19, 2015 By: /Joseph A. Hynds/

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