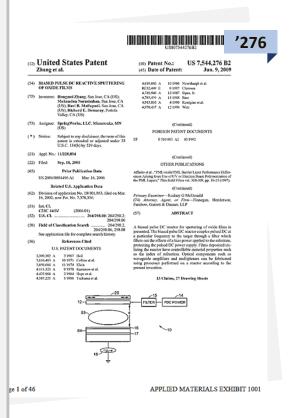
Applied Materials, INC v. Demaray LLC,

IPR2021-00103, -00104 U.S. Pat. Nos. 7,544,276 & 7,381,657

Patent Owner Demonstrative Exhibit

U.S. Patent 7,544,276



Patent No.: US 7,544,276 B2

Date of Patent: Jun. 9, 2009

BIASED PULSE DC REACTIVE SPUTTERING OF OXIDE FILMS

Inventors: **Hongmei Zhang**, San Jose, CA (US);

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Valley, CA (US)

Assignee: SpringWorks, LLC, Minnetonka, MN

(US)

Notice: Subject to any disclaimer, the term of this

patent is extended or adjusted under 35

U.S.C. 154(b) by 529 days.

Appl. No.: 11/228,834

Filed: **Sep. 16, 2005**

. 1001 ('276 Patent)

DEMONSTRATIVE EXHIBIT - NOT EVIDENCE

Institution Decision: Petitioner's Burden

In an *inter partes* review, "the petitioner has the burden from the onset to show with particularity why the patent it challenges is unpatentable." *Harmonic Inc. v. Avid Tech., Inc.*, 815 F.3d 1356, 1363 (Fed. Cir. 2016) (citing 35 U.S.C. § 312(a)(3) (requiring *inter partes* review petitions to identify "with particularity . . . the evidence that supports the grounds for the challenge to each claim")). This burden of persuasion never shifts to Patent Owner. *See Dynamic Drinkware, LLC v. Nat'l Graphics, Inc.*, 800 F.3d 1375, 1378 (Fed. Cir. 2015) (discussing the burden of proof in *inter partes* review).

Grounds Of Institution

Claims	References	Statutory Ground
'276, Claims 1-3, 6-8 '657, claims 2-4, 6, 8, 10-12, 21	Barber + Hirose or Barber + Hirose/Belkind	35 U.S.C. § 103(a)
Remaining claims	Barber + Hirose or Barber + Hirose/Belkind + tertiary references	35 U.S.C. § 103(a)

Barber and Hirose are bases for all grounds

Topics

Petitioner failed to establish Hirose as prior art

The state of the art did not teach or suggest the claimed combination

No reason to modify Barber as Petitioner argues

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