

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

GlobalFoundries, Inc.

Petitioner

v.

Godo Kaisha IP Bridge 1

Patent Owner

CASE IPR: *To be assigned*

**PETITION FOR *INTER PARTES* REVIEW
OF UNITED STATES PATENT NO. 6,538,324**

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LIST OF EXHIBITS

- Exhibit 1001: U.S. Patent No. 6,538,324 to Tagami et al.
- Exhibit 1002: File History of U.S. Patent No. 6,538,324.
- Exhibit 1003: Expert Declaration of Dr. Sanjay Kumar Banerjee.
- Exhibit 1004: U.S. Patent No. 5,893,752 to Zhang et al.
- Exhibit 1005: U.S. Patent No. 6,887,353 to Ding et al.
- Exhibit 1006: Holloway et al., "Tantalum as a diffusion barrier between copper and silicon: Failure mechanism and effect of nitrogen additions," *Journal of Applied Physics*, 71(11), 5433-5444 (1992).
- Exhibit 1007: Sun et al., "Properties of reactively sputter-deposited Ta-N thin films," *Thin Solid Films*, 236 (1993) 347-351.
- Exhibit 1008: U.S. Patent No. 5,858,873 to Vitkavage et al.
- Exhibit 1009: U.S. Patent No. 5,668,411 to Hong et al.
- Exhibit 1010: Excerpt of El-Kareh, "Fundamentals of Semiconductor Processing Technologies," Kluwer Academic Publishers (1995).
- Exhibit 1011: Declaration of Dr. Li Jiang.
- Exhibit 1012: Library of Congress Catalog Record of Holloway et al., "Tantalum as a diffusion barrier between copper and silicon: Failure mechanism and effect of nitrogen additions," *Journal of Applied Physics*, 71(11), 5433-5444 (1992).
- Exhibit 1013: Library of Congress Catalog Record of Sun et al., "Properties of reactively sputter-deposited Ta-N thin films," *Thin Solid Films*, 236 (1993) 347-351.
- Exhibit 1014: Library of Congress Catalog Record of El-Kareh, "Fundamentals of Semiconductor Processing Technologies," Kluwer Academic Publishers (1995).
- Exhibit 1015: Stavrev et al., "Crystallographic and morphological characterization of reactively sputtered Ta, Ta-N and Ta-N-O thin films," *Thin Solid Films*, 307 (1997) 79-88.

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