UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

Taiwan Semiconductor Manufacturing Company, Ltd.
Petitioner

v.

GODO KAISHA IP BRIDGE 1
Patent Owner

Case IPR2016-01376 Patent 6,197,696

PATENT OWNER'S PRELIMINARY RESPONSE UNDER 37 C.F.R. § 42.107



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	Α.	The '696 patent is entitled to its claimed priority date of March 26, 1998					
		1.	Step 13(g) – "removing the first resist pattern and then forming a second resist pattern on the third insulating film and the mask pattern, the second resist pattern having openings for forming contact holes"				
		2.	Step 13(h) – "dry-etching the third insulating film using the second resist pattern and the mask pattern as a mask, thereby patterning the third insulating film to have the openings for forming contact holes"				
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	В.	Petitioner has not shown, and cannot show, that Grill is entitled to the priority date of the '628 application20					
		1.	Petitioner never attempts to argue that Grill is entitled to the priority date of the '628 application in the Petition20				
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			(a) Dr. Smith's reliance on a disclosure relating to etch characteristics in the Background of the '628 application is misplaced				



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IV.			demonstrate that Grill discloses or renders obvious "usir pattern and the mask pattern as a mask"	_	
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VI.	Petitioner fails to demonstrate that it would have been obvious to combine Grill and Aoyama				
VII	Conclusion			53	



LIST OF EXHIBITS

Exhibit	Description
EX2001	N. Sclater & J. Markus, McGraw-Hill Electronics Dictionary
	(6th ed. 1997) (excerpted)
EX2002	R. F. Graf, Modern Dictionary of Electronics (6th ed. 1984)
	(excerpted)
EX2003	R. F. Graf, Modern Dictionary of Electronics (7th ed. 1999)
	(excerpted)
EX2004	S. M. Kaplan, Wiley Electrical and Electronics Engineering
	Dictionary (2004) (excerpted)
EX2005	October 7, 2016 Preliminary Constructions, Godo Kaisha IP
	Bridge 1 v. Broadcom Ltd., et al., Case. No. 2:16-cv-134
EX2006	Declaration of Seung Woo Hur



Pursuant to 37 C.F.R. § 42.107, ¹ Patent Owner Godo Kaisha IP Bridge 1 ("IP Bridge") submits this Preliminary Response to the above-captioned Petition for *Inter Partes* Review of U.S. Patent No. 6,197,696 challenging independent claim 13 and its dependent claim 15 ("Pet.," Paper 2), which should be denied in its entirety.

I. Introduction

On its face, Petitioner Taiwan Semiconductor Manufacturing Company, Ltd.'s ("Petitioner's") submission fails to provide the Board with the basic evidence required to institute any *inter partes* review. If the Board nonetheless institutes trial on any of the challenged claims, Patent Owner will address in detail in its § 42.120 Response the numerous substantive errors and shortcomings that underlie each of Petitioner's arguments and its purported evidence. In this paper, however, where any testimonial evidence raising an issue of material fact "will be viewed in the light most favorable to the petitioner" (Rule §42.108), Patent Owner addresses only the meaning of one of the challenged claims' pertinent terms and the single issue made pertinent by Rule 42.107: Petitioner's failure to demonstrate, as to *any* of the challenged claims, a reasonable likelihood of success on any



¹ All emphasis herein is added, and all statutory and regulatory citations are to either 35 U.S.C. or 37 C.F.R., as the context indicates, unless otherwise stated.

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