

Paper No. \_\_\_\_

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD,  
Petitioner,

v.

GODO KAISHA IP BRIDGE 1,  
Patent Owner.

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Case IPR2017-01843  
Patent 7,893,501

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**PATENT OWNER'S PRELIMINARY RESPONSE**

## TABLE OF CONTENTS

I.	INTRODUCTION .....	1
A.	Overview of the '501 Patent.....	5
B.	The Claims Were Narrowed During Prosecution to Distinguish Prior Art with Gate Electrodes that Do Not Protrude .....	9
C.	The Petition's Sole Ground Fails .....	10
1.	Overview of Misra.....	11
2.	The Misra/Tsai Combination Plainly Does Not Have a Protruding Gate Electrode .....	12
a.	The Petition Advances an Improper Construction of "Film" that Is Inconsistent with the Specification and Ignores Claim Limitations Imposed on the Parts of the Film from which the Gate Electrode Protrudes .....	13
b.	The Petition's Construction Is Inconsistent with the Prosecution History .....	17
3.	Tsai Does Not Remedy Misra's Failure to Teach the Claimed Protruding Gate Electrode .....	20
II.	OVERVIEW OF THE '501 PATENT AND CHALLENGED CLAIMS .....	20
A.	The Silicon Nitride Film Enhances Performance.....	22
B.	The Gate Electrode Protruding Upward From Parts of the Silicon Nitride Film at Both Sides of the Gate Electrode Is Disclosed in the Specification .....	27
C.	The Protruding Gate Electrode Reduces Parasitic Capacitance Between the Gate Electrode and the Source/Drain Contacts .....	30
D.	The Claims Were Narrowed During Prosecution to Distinguish Prior Art with Gate Electrodes that Do Not Protrude .....	37
III.	CHALLENGED CLAIMS .....	39
IV.	LEVEL OF ORDINARY SKILL IN THE ART .....	39
V.	CLAIM INTERPRETATION .....	40
A.	"the gate electrode protrudes upward from a surface level of parts of the silicon nitride film located at both side surfaces of the gate electrode" .....	41

1.	The Petition Implicitly Advances an Improperly Narrow Construction of “Silicon Nitride Film” that Is Inconsistent with the Specification .....	42
a.	The Claimed Silicon Nitride Film is Not Limited to a Single Layer .....	44
b.	The Claimed Silicon Nitride Film Can Perform More than One Function .....	46
2.	The Petition Implicitly Advances an Improperly Broad Construction of “Parts of the Silicon Nitride Film Located at Both Side Surfaces of the Gate Electrode” that Ignores Limitations in the Claim.....	47
a.	The Petition’s Improperly Broad Construction Ignores Limitations In the Claim .....	48
b.	The Petition’s Overly Broad Construction Is Inconsistent with the Prosecution History.....	50
3.	Petitioner’s Conclusory Expert Testimony Cannot Trump the Intrinsic Evidence.....	56
4.	Conclusion on BRI of “the Gate Electrode Protrudes Upward From a Surface Level of Parts of the Silicon Nitride Film Located at Both Side Surfaces of the Gate Electrode” .....	58
VI.	THE PETITION SHOULD BE DENIED BECAUSE IT FAILS TO DEMONSTRATE A REASONABLE LIKELIHOOD OF PREVAILING AS TO ANY CHALLENGED CLAIMS .....	58
A.	Ground 1: Claims 1, 4-5, 7, 9-11, 15-18, and 23-25 Are Not Rendered Obvious by Misra in view of Tsai.....	58
1.	Overview of Misra.....	59
2.	Overview of Tsai .....	61
3.	Misra in View of Tsai Does Not Teach or Suggest a Protruding Gate Electrode .....	61
a.	Misra’s Silicon Nitride Film Comprises Plasma-Enhanced Nitride Layer 20 <u>and</u> Silicon Nitride Spacers 23 .....	63
(1)	Misra is Not “Nearly Identical” to Figure 1 of the ‘501 Specification .....	65

(2) The '501 Patent's Specification is Explicit that the Claimed Silicon Nitride Film Can Be Formed From Different Layers .....68

b. Misra's Gate Electrode Does Not Protrude Upward from the Surface Level of the Parts of the Silicon Nitride Film Located at the Sides of the Gate Electrode .....69

c. Tsai Does Not Remedy Misra's Failure to Teach the Claimed Protruding Gate Electrode .....76

4. None of Dependent Claims 4, 7, 9-11, 14, 16-18, and 23-25 Are Obvious in View of Misra and Tsai. ....76

VII. CONCLUSION.....77

## TABLE OF AUTHORITIES

### CASES

<i>Aqua Prod., Inc. v. Matal</i> , 872 F.3d 1290 (Fed. Cir. 2017) .....	19
<i>Bell Atl. Network Servs. v. Covad Commc'ns Grp.</i> , 262 F.3d 1258 (Fed. Cir. 2001) .....	57
<i>Blue Calypso, LLC v. Groupon, Inc.</i> , 815 F.3d 1331 (Fed. Cir. 2016) .....	27
<i>Clickbooth.com, LLC v. Essociate, Inc.</i> , IPR2015-00464, Paper 9 (July 9, 2015) .....	42
<i>Cultec, Inc. v. Stormtech LLC</i> , IPR2017-00777, Paper No. 7 at 13 (PTAB Aug. 22, 2017).....	4, 19, 56
<i>Cuozzo Speed Techs., LLC v. Lee</i> , 136 S.Ct. 2131 (2016) .....	40
<i>D'Agostino v. MasterCard International Inc.</i> , 844 F.3d 945 (Fed. Cir. 2016) .....	18, 50, 54, 55
<i>Hospira, Inc. v. Genetech, Inc.</i> , IPR2017-00739, Paper No. 16 at 18 (PTAB July 27, 2017).....	19, 56
<i>In re Slocombe</i> , 510 F.2d 1398 (C.C.P.A. 1975).....	29
<i>Jiawei Tech. (HK) Ltd. v. Richmond</i> , IPR2014-00937, Paper 24, (Feb. 6, 2014).....	41
<i>Jiawei Tech. (HK) Ltd. v. Richmond</i> , IPR2014-00938, Paper 27 (Jan. 13, 2015) .....	42
<i>Microsoft Corp. v. Proxyconn, Inc.</i> , 789 F.3d 1292 (Fed. Cir. 2015) .....	19, 50
<i>PPC Broadband, Inc. v. Corning Optical Communs. RF, LLC</i> , 815 F.3d 747 (Fed. Cir. 2016) .....	40, 47

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