

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 IPR2017-01841  
Patent 7,893,501

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**PATENT OWNER'S PRELIMINARY RESPONSE**

## TABLE OF CONTENTS

I.	INTRODUCTION .....	1
A.	Overview of ‘501 Patent .....	1
B.	The Petition’s Sole Ground Fails .....	4
1.	Overview of Igarashi.....	4
2.	Igarashi Does Not Teach Isolation or Active Regions in the Fifth Embodiment Relied Upon in the Ground .....	7
3.	The Petition Provides No Motivation to Modify Igarashi’s Fifth Embodiment to Use the Isolation Regions of Igarashi’s First Embodiment .....	8
4.	Woerlee Does Not Remedy Igarashi’s Failure to Teach Isolation Regions Forming an Active Region in Igarashi’s Fifth Embodiment. ....	9
5.	All Challenged Claims Distinguish Over the Petitioner’s Alleged Igarashi/Woerlee Combination .....	11
a.	The Region Bounded and Defined by the STI Regions Is Not an Active Region of Either of the Two MISFETS in the Memory Cell.....	13
b.	The Channel Region of Each Transistor Is Not an Active Region as Claimed .....	14
II.	OVERVIEW OF THE ‘501 PATENT AND CHALLENGED CLAIMS .....	17
III.	CHALLENGED CLAIMS .....	23
IV.	LEVEL OF ORDINARY SKILL IN THE ART .....	24
V.	CLAIM INTERPRETATION .....	24
A.	“wherein the MISFET includes: an active region made of a semiconductor substrate” .....	25
1.	The ‘501 Patent Specification Describes a MISFET's Active Region as Defined by Isolation Regions that Isolate the MISFET from Other Transistors Formed in the Substrate .....	26

2.	The ‘501 Patent Specification’s Usage Is Consistent with the Ordinary Meaning in the Art of a Transistor’s “Active Region” .....	29
VI.	THE PETITION SHOULD BE DENIED BECAUSE IT FAILS TO DEMONSTRATE A REASONABLE LIKELIHOOD OF PREVAILING AS TO ANY CHALLENGED CLAIM. ....	31
A.	<u>Ground 1</u> : Claims 1, 4, 7, 9-11, 14, 16-18, and 23-25 Are Not Rendered Obvious by Igarashi and Woerlee.....	31
1.	Overview of Igarashi.....	32
2.	Overview of Woerlee .....	36
3.	The Petition Fails to Demonstrate that a POSITA Following the Teachings of Igarashi and Woerlee Would Have Been Led to a Semiconductor Device as Claimed .....	37
a.	Igarashi Does Not Teach that the Fifth Embodiment (Fig. 12) Relied Upon in the Ground Includes Isolation Regions or an Active Region Formed Thereby.....	38
b.	The Petition Provides No Motivation to Modify Igarashi’s Fifth Embodiment to Use the Isolation Regions of Igarashi’s First Embodiment.....	44
c.	Woerlee Does Not Remedy Igarashi’s Failure to Teach Isolation Regions Forming an Active Region in Igarashi’s Fifth Embodiment. ....	47
d.	Even If Igarashi Is Considered to Teach What the Petition Alleges, All Challenged Claims Distinguish Over the Petitioner’s Alleged Igarashi/Woerlee Combination.....	51
(1)	The Region Bounded and Defined by the STI Regions Is Not an Active Region of Either of the Two MISFETS in the Memory Cell .....	52
(2)	The Channel Region of Each Transistor Is Not an Active Region as Claimed .....	55

4.	None of Dependent Claims 4, 7, 9-11, 14, 16-18, and 23-25 Would Have Been Obvious Over Igarashi and Woerlee. ....	58
VII.	CONCLUSION.....	59

## TABLE OF AUTHORITIES

### CASES

<i>Cuozzo Speed Techs., LLC v. Lee</i> , 136 S.Ct. 2131 (2016) .....	24
<i>In re Stepan Co.</i> , 868 F.3d 1342 (Fed. Cir. 2017) .....	8, 9, 45, 46
<i>KSR Int'l Co. v. Teleflex Inc.</i> , 550 U.S. 398 (2007) .....	8, 44
<i>Liberty Mut. Ins. Co. v. Progressive Cas. Ins. Co.</i> , CBM2012-00003, Paper No. 8 (PTAB Oct. 25, 2012) .....	39, 41
<i>PPC Broadband, Inc. v. Corning Optical Commc'ns RF, LLC</i> , 815 F.3d 747 (Fed. Cir. 2016) .....	25
<i>SAS Inst., Inc. v. ComplementSoft, LLC</i> , 825 F.3d 1341 (Fed. Cir. 2016) .....	25
<i>Smith &amp; Nephew, Inc. v. Arthrex, Inc.</i> , IPR2016-00918, Paper No. 42 (PTAB Oct. 16, 2017) .....	43
<i>Straight Path IP Grp., Inc. v. Sipnet EU S.R.O.</i> , 806 F.3d 1356 (Fed. Cir. 2015) .....	24
<i>Trivascular, Inc. v. Samuels</i> , 812 F.3d 1056 (Fed. Cir. 2016) .....	24

### STATUTES

35 U.S.C. § 314(a) .....	31
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### REGULATIONS

37 C.F.R. § 42.100(b) .....	24
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