## UNITED STATES PATENT AND TRADEMARK OFFICE

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### BEFORE THE PATENT TRIAL AND APPEAL BOARD

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SAMSUNG ELECTRONICS CO., LTD; AND SAMSUNG ELECTRONICS AMERICA, INC
Petitioner

v.

IMAGE PROCESSING TECHNOLOGIES, LLC Patent Owner.

\_\_\_\_

CASE IPR2017-00353 Patent No. 8,983,134

DECLARATION OF DR. ALAN BOVIK IN SUPPORT OF PATENT OWNER RESPONSE PURSUANT TO 37 C.F.R. § 42.120



## Ex. 2007 - Declaration of Dr. Bovik

## **TABLE OF CONTENTS**

I.	Intr	oduction	1
	A.	Background and Qualifications	2
	B.	Materials Considered	7
	C.	Claim Construction	8
	1. clas	"forming at least one histogram said at least one histogram referring to ses defining said target"	
		"wherein forming the at least one histogram further comprises determining ninima and maxima and Y minima and maxima of boundaries of the target."  14	
II.	Sun	nmary of Opinions1:	5
III.	My	Analysis of Claims 1 and 2	5
	A.	Summary1	5
	B.	Discussion of References	6
	1.	Gilbert	
	2.	Hashima	
	3.	Ueno	
	C.	The Asserted References Do Not Teach or Suggest All Elements of the '134 Patent	4
	1.	Gilbert Does Not Teach or Suggest Claim Elements [1a], [1b], and [1c] .25	
	2.	Hashima Does Not Teach or Suggest Claim Elements [1a] and [1c]32	
	3.	Ueno Does Not Teach or Suggest Claim Element [1c]37	
	D.	A POSA Would Not Have Selected and Combined the Asserted	
		References	0
	1.	A POSA Would Not Have Selected and Combined Gilbert and Hashima 40	
	2.	A POSA Would Not Have Selected and Combined Gilbert and Ueno45	
IV.	Con	cluding Statement 4	8



# **LIST OF APPENDICES**

APPENDIX A Dr. Alan Bovik Curriculum Vitae



knowledge that willful false statements and the like so made are punishal fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful statements may jeopardize the validity of the application or any patent thereupon.

I declare under penalty of perjury under the laws of the United Sta America that the following is true and correct.

Dated: August 25, 2017

Respectfully Submitted

Alan Bovik

### I. INTRODUCTION

- 1. I have been retained by counsel for Image Processing Technologies LLC ("Image Processing" or "Patent Owner") as an expert consultant in regards to *inter partes* review proceeding IPR2017-00353 for U.S. Patent No. 8,983,134.
- 2. In IPR2017-00353, I understand that Petitioners, Samsung Electronics Co., Ltd. and Samsung Electronics America, Inc. ("Samsung" or "Petitioners") challenged the validity of Claims 1 and 2 of the '134 Patent.
- 3. I understand that the Board instituted an *inter partes* review on the following Grounds: Claims 1 and 2 as obvious under 35 U.S.C. § 103(a) over Gilbert in view of Hashima; Claims 1 and 2 as obvious under 35 U.S.C. § 103(a) over Ueno in view of Gilbert. Paper No. 12 (Institution Decision) at 29.
- 4. I was asked to consider whether the instituted claims of the U.S. Patent No. 8,983,134 ("the '134 Patent") (Ex. 1001), which are claims 1 and 2, would have been obvious to a person of ordinary skill in the art ("POSA") as of the date of the invention.
- 5. Based on my analysis of the '134 Patent and my understanding of the state of the relevant prior art as well as the specific references relied upon by the Petitioner for the ground that was instituted by the Board, it is my opinion that the challenged claims would not have been obvious to a POSA as of the date of the invention.



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