

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TYZX, Inc.	02/04/2013
RECEIVING PARTY DATA	
Name:	INTEL CORPORATION
Street Address:	2200 MISSION COLLEGE BOULEVARD
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95052
PROPERTY NUMBERS Total: 8	
Property Type	Number
Patent Number:	7664315
Patent Number:	7970177
Patent Number:	6215898
Patent Number:	6661918
Patent Number:	6188777
Patent Number:	7003134
Application Number:	13105226
Application Number:	13105218
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:

TYZX ACQUISITION

NAME OF SUBMITTER:

Timothy N. Trop

Total Attachments: 5

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Assignment of Patent Rights

Whereas, TYZX, Inc., a company incorporated under the laws of Delaware, with its registered office at Corporate Trust Center, 1209 Orange St., Wilmington, Delaware, 19801, (hereinafter "**Company**") is the sole and exclusive owner of certain United States (hereinafter "U.S.") and/or foreign patents and/or patent applications listed in Exhibit A annexed hereto (collectively referred to hereinafter as the "**Patents and Patent Applications**"); and

And whereas Intel Corporation, a Delaware Corporation, with an office at 2200 Mission College Blvd, Santa Clara, California, 95054, (hereinafter "**Intel**") is desirous of acquiring the right, title and interest in, to and under the said Patents and Patent Applications (and all foreign counterparts and related foreign patents).

Now, Therefore,

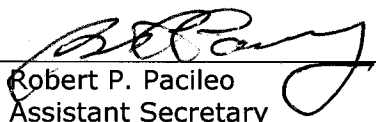
For good and valuable consideration, the receipt of which is hereby acknowledged, Company does hereby assign all rights, title, and interest to Intel, of the aforesaid Patents and Patent Applications, any inventions claimed in said Patents and Patent Applications, and any and all patents and patent applications to which any of the Patents and Patent Applications directly or indirectly claims priority, and for which any of the Patents and Patent Applications directly or indirectly forms a basis for priority including, without limitation, any and all reissue applications, reexaminations, extensions, continuation applications, continuation-in-part applications, continuing prosecution applications, requests for continued examination, divisional applications, substitute applications, design applications and any and all other patent applications that have been or will be filed in the U.S. or elsewhere that relate to the Patents and Patent Applications including foreign patents, foreign patent applications, and foreign counterparts relating to the Patents and Patent Applications such as certificates of invention, utility models, registrations, industrial design protections, design patents, or other governmental grants or issuances which have already been filed, which have already been granted, which may be filed, or which may be granted, the same to be held and enjoyed by Intel for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives, to the end of the term or terms for which said Patents and Patent Applications are or may be granted, reissued or extended as fully and entirely as the same would have been held and enjoyed by Company, if this assignment and sale had not been made; together with all claims for damages by reason of past infringement of said Patents and Patent Applications, with the right to sue for, and collect the same for its own use and behalf, and for the use and behalf of its successors, assigns or other legal representatives.

And, Company, hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States on said inventions to Intel as assignee of the entire interest, and hereby covenants that Company has full right to convey the entire interest herein assigned, and that, except as otherwise provided between the parties, Company has not executed, and will not execute, any agreements in conflict therewith.

In Witness Whereof, Company, by its duly authorized representative, has executed this Assignment of Patent Rights.

Tyxx, Inc.

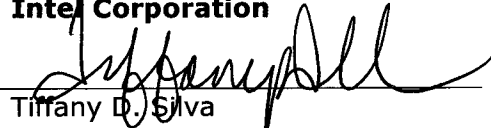
By:


Robert P. Pacileo
Assistant Secretary


Date:

Intel Corporation

By:


Tiffany D. Silva
Assistant Secretary

Date:

LEGAL OK	
	2/4/ 2013

Mike Labbee

EXHIBIT A

Docket No.	Title	Jurisdiction	App Date	App No.	Reg. Date	Reg. No.
TYZXP001	INTEGRATED IMAGE PROCESSOR	USA	10/31/2005	11/264,760	2/16/2010	7,664,315
TYZXP001+	DEEP SEA G2 SYSTEM OVERVIEW	USA	11/3/2004	60/624,954		
TYZXP001C1	INTEGRATED IMAGE PROCESSOR	USA	12/21/2009	12/655,010		
TYZXP001EP	INTEGRATED IMAGE PROCESSOR	European Patent Application	5/14/2007	05821343.0		
TYZXP001JP	INTEGRATED IMAGE PROCESSOR	Japan	5/2/2007	2007-540360		
TYZXP001PCT	INTEGRATED IMAGE PROCESSOR	PCT Patent Application	10/31/2005	PCT/US05/39285		
TYZXP002	ENHANCING STEREO DEPTH MEASUREMENTS WITH PROJECTED TEXTURE	USA	3/22/2007	11/728,202	6/28/2011	7,970,177
TYZXP002+	ENHANCING STEREO DEPTH MEASUREMENTS WITH PROJECTED TEXTURE	USA	3/23/2006	60/785,797		
TYZXP002C1	ENHANCING STEREO DEPTH MEASUREMENTS WITH PROJECTED TEXTURE	USA	5/20/2011	13/112,247	8/7/2012	8,238,611
TYZXP002PCT	ENHANCING STEREO DEPTH MEASUREMENTS WITH PROJECTED TEXTURE	PCT Patent Application	3/23/2007	PCT/US07/07391		
TYZXP003+	METHOD FOR RANGE BASED EXPOSURE CONTROL	USA	5/9/2008	61/127,112		
TYZXP004+	METHOD FOR RANGE BASED EXPOSURE CONTROL	USA	5/13/2009	61/216,201		
TYZXP005	PIPELINED CORRELATION OPERATION IN AN IMAGE PROCESSING SYSTEM	USA	4/15/1997	08/839,767	4/10/2001	6,215,898
TYZXP005AU	DATA PROCESSING SYSTEM AND METHOD	Australia	4/2/1998	69502/98	6/15/2000	716654
TYZXP005C1	DATA PROCESSING SYSTEM AND METHOD	USA	8/17/2000	09/641,610	9/24/2002	6,456,737
TYZXP005C1JP	DATA PROCESSING SYSTEM AND METHOD	Japanese		2007-252770		
TYZXP005C2	DATA PROCESSING SYSTEM AND METHOD	USA	12/14/2001	10/020,862		
TYZXP005C3	DATA PROCESSING SYSTEM AND METHOD	USA	7/21/2005	11/187,613	7/28/2009	7,567,702
TYZXP005C4	GENERATION OF A DISPARITY RESULT WITH LOW LATENCY	USA	1/30/2009	12/362,562	4/12/2011	7,925,077
TYZXP005C5	GENERATION OF A DISPARITY RESULT WITH LOW LATENCY	USA	3/2/2011	13/039,248		
TYZXP005C6	GENERATION OF A DISPARITY RESULT WITH LOW LATENCY	USA	8/1/2012	13/563,889		

Docket No.	Title	Jurisdiction	App Date	App No.	Reg. Date	Reg. No.
TYZXP005CA	PIPELINED CORRELATION OPERATION IN AN IMAGE PROCESSING SYSTEM	Canada		2258293		
TYZXP005EP	PIPELINED CORRELATION OPERATION IN AN IMAGE PROCESSING SYSTEM	European Patent Application		98915278.0		
TYZXP005JP	DATA PROCESSING SYSTEM AND METHOD	Japan		10-543972	8/15/2008	4168125
TYZXP005PCT	PIPELINED CORRELATION OPERATION IN AN IMAGE PROCESSING SYSTEM	PCT Patent Application	4/2/1998	PCT/US98/06675		
TYZXP006	BACKGROUND ESTIMATION AND REMOVAL BASED ON RANGE AND COLOR	USA	12/3/1999	09/453,450	12/9/2003	6,661,918
TYZXP006+	BACKGROUND ESTIMATION AND REMOVAL BASED ON RANGE AND COLOR	USA	12/4/1998	60/110,919		
TYZXP006C1	BACKGROUND ESTIMATION AND SEGMENTATION BASED ON RANGE AND COLOR	USA	11/7/2003	10/703,393	1/8/2008	7,317,830
TYZXP006PCT	BACKGROUND ESTIMATION AND SEGMENTATION BASED ON RANGE AND COLOR	PCT Patent Application	12/3/1999	PCT/US99/28538		
TYZXP007	A REAL-TIME, OPEN-BACKGROUND VIRTUAL MIRROR OR DISPLAY WITH FACE-SPECIFIC VISUAL DISTORTION	USA	6/22/1998	09/102,101	2/13/2001	6,188,777
TYZXP007+	A REAL-TIME, OPEN-BACKGROUND VIRTUAL MIRROR OR DISPLAY WITH FACE-SPECIFIC VISUAL DISTORTION	USA	8/1/1997	60/054,572		
TYZXP007AU	A REAL-TIME, OPEN-BACKGROUND VIRTUAL MIRROR OR DISPLAY WITH FACE-SPECIFIC VISUAL DISTORTION	Australia		8584898		
TYZXP007C1	METHOD AND APPARATUS FOR PERSONNEL DETECTION AND TRACKING	USA	12/1/2000	09/726,425	9/3/2002	6,445,810
TYZXP007EP	A REAL-TIME, OPEN-BACKGROUND VIRTUAL MIRROR OR DISPLAY WITH FACE-SPECIFIC VISUAL DISTORTION	European Patent Application		98937951.5		
TYZXP007PCT	METHOD AND APPARATUS FOR PERSONNEL DETECTION AND TRACKING	PCT Patent Application	7/31/1998	PCT/US98/15323		
TYZXP008+	TRACKING ARTICULATED OBJECTS IN REAL-TIME RANGE IMAGE SEQUENCES	USA	3/10/1999	60/124,158		
TYZXP009	3D POSE TRACKING WITH LINEAR DEPTH AND BRIGHTNESS	USA	3/8/2000	09/520,964	2/21/2006	7,003,134

Docket No.	Title	Jurisdiction	App Date	App No.	Reg. Date	Reg. No.
	CONSTRAINTS					
TYZXP009+	3D POSE TRACKING WITH LINEAR DEPTH AND BRIGHTNESS CONSTRAINTS	USA	3/8/1999	60/123,329		
TYZXP009C1	THREE DIMENSIONAL OBJECT POSE ESTIMATION WHICH EMPLOYS DENSE DEPTH INFORMATION	USA	8/1/2005	11/195,039	1/2/2007	7,158,656
TYZXP009C2	THREE DIMENSIONAL OBJECT POSE ESTIMATION WHICH EMPLOYS DENSE DEPTH INFORMATION	USA	11/9/2006	11/595,807		
TYZXP0010	DISPLAY SCREEN FOR CAMERA CALIBRATION	USA	5/11/2011	13/105,226		
TYZXP0010PCT	DISPLAY SCREEN FOR CAMERA CALIBRATION	PCT Patent Application	5/9/2012	PCT/US12/37153		
TYZXP0011	CAMERA CALIBRATION USING AN EASILY PRODUCED 3D CALIBRATION PATTERN	USA	5/11/2011	13/105,218		
TYZXP0011PCT	CAMERA CALIBRATION USING AN EASILY PRODUCED 3D CALIBRATION PATTERN	PCT Patent Application	5/9/2012	PCT/US12/37157		
TYZXP0012+	LOW-LATENCY WARPING OF A DEPTH MAP TO ALIGN WITH THE PERSPECTIVE ON AN INDEPENDENT CAMERA	USA	3/28/2012	61/616,507		
TYZXP0013+	RUNTIME ADJUSTMENT OF IMAGE WARPING PARAMETERS IN A MULTI-CAMERA SYSTEM	USA	4/2/2012	61/619,094		
TYZXP0014+	ROW CAUSAL SCANLINE OPTIMIZATION STEREO	USA	5/11/2012	61/645,989		
TYZXP0015+	COMPOUND IMAGE DEMOSAICING AND WARPING	USA	5/11/2012	61/645,995		