505030745 08/01/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOS TIMMERMANS	12/15/2010
JEAN RAYMOND	02/02/2011
JOHN IVEY	02/02/2011

RECEIVING PARTY DATA

Name:	ALTAIR ENGINEERING, INC.
Street Address:	1820 E. BIG BEAVER RD.
City:	TROY
State/Country:	MICHIGAN
Postal Code:	48083

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16049087

CORRESPONDENCE DATA

Fax Number: (877)769-7945

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (212) 641-2285

Email: mwhite@fr.com

Correspondent Name: RICHARD WONG

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER: 43267-0002019

NAME OF SUBMITTER: MARYANN WHITE

SIGNATURE: /Maryann White/

DATE SIGNED: 08/01/2018

Total Attachments: 4

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PATENT 505030745 REEL: 046523 FRAME: 0683

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PATENT REEL: 046523 FRAME: 0684

ASSIGNMENT

WHEREAS, we, Jos Timmermans of Ortonville, Michigan, Jean C. Raymond of Nominique, Quebec, Canada and John Ivey of Farmington Hills, MI (hereinafter referred to as "ASSIGNORS"), have invented a certain invention entitled LIGHT TUBE AND POWER SUPPLY CIRCUIT, as set forth in this United States Patent Application.

executed concurrently herewith	
executed on	-
Serial No. 12/965, 019 Filed Decem	ber 10, 2010

WHEREAS, Altair Engineering, Inc., a corporation of the State of Michigan having its principal place of business at 1820 E. Big Beaver Road, Troy, Michigan 48083-2031 (hereinafter referred to as "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to said invention;

NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS have sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, the full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the international Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNORS had this Assignment not been made.

ASSIGNORS HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNORS HEREBY AGREE (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings,

whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNORS HEREBY REPRESENT AND WARRANT that ASSIGNORS have the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNORS have not executed and will not execute any document or instrument in conflict herewith.

ASSIGNORS HEREBY GRANT to the law firm of Young Basile Hanlon & MacFarlane, P.C. the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNORS UNDERSTAND AND AGREE that the attorneys and agents of the law firm of Young Basile Hanlon & MacFarlane, P.C. do not personally represent ASSIGNORS or ASSIGNORS' legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNORS with respect to this Assignment, ASSIGNORS acknowledge its right to seek its own independent legal counsel.

NAMES AND SIGNATURE OF ASSIGNOR		
Name: Jos Timmermans	Signature:	Date: 12/15/2010
Name: Jean Raymond	Signature:	Date:
Name: John Ivey	Signature:	Date:
NAMES AND SIGNATURE OF WITNESS		
Name:	Signature:	Date:

Note: *Prima facie* evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

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	NAMES AND SIGNATURE OF ASSIG	NOR
Name: Jos Timmermans	Signature: 1	. Date:
Name: Jean Raymond		Care: 02/02/11
Name: John Ivey	Signature.	Date:
NAMES AND SIGNATURE OF WITNESS		
A STATE OF THE PROPERTY OF THE	Signature:	Date:
Name:		

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NAMES AND SIGNATURE OF ASSIGNOR		
Name: Jos Timmermans	Signature;	Date:
Name: Jean Raymond	Signature:	Date:
Name: John Ivey	Signature;	Date: 1/2/11
NAMES AND SIGNATURE OF WITNESS		
Name:	Signature:	Date:

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