

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5649819

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
RUNTIME DESIGN AUTOMATION INC.		07/02/2019
RECEIVING PARTY DATA		
Name:	ALTAIR ENGINEERING, INC.	
Street Address:	1820 EAST BIG BEAVER ROAD	
City:	TROY	
State/Country:	MICHIGAN	
Postal Code:	48083	
PROPERTY NUMBERS Total: 5		
Property Type	Number	
Application Number:	08540392	
Application Number:	11428241	
Application Number:	14705703	
Application Number:	15600602	
Application Number:	16440806	
CORRESPONDENCE DATA		
Fax Number:	(877)769-7945	
<i>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.</i>		
Phone:	(212) 641-2285	
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Correspondent Name:	RICHARD WONG	
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ATTORNEY DOCKET NUMBER:	39410-0001003	
NAME OF SUBMITTER:	MARYANN WHITE	
SIGNATURE:	/Maryann White/	
DATE SIGNED:	08/02/2019	
Total Attachments: 4		

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ASSIGNMENT

Assignor: **Runtime Design Automation Inc.**
a corporation organized and existing under the laws of Delaware, and having a place
of business at:
2560 Mission College Boulevard, Suite 130
Santa Clara, CA 95054

Assignee: **Altair Engineering, Inc.**
a corporation organized and existing under the laws of Delaware, and having a place
of business at:
1820 East Big Beaver Road
Troy, MI 48083

1. Assignor represents that it is the owner of the patents and patent applications listed on the attached Schedule, and of all foreign and domestic patents, patent applications, including continuation-in-part applications, reissues, re-examinations, certificates of invention, and the like that derive priority from, or claim the benefit of the filing date of, the patents and patent applications listed (the "Patents and Patent Applications") and of all new and useful inventions and improvements that are disclosed in the Patents and Patent Applications (the "Inventions"). The Patents and Patent Applications and the Inventions are collectively referred to as the "Patent Assets."
2. Assignor hereby assigns to Assignee its entire worldwide right, title, and interest in and to the Patent Assets, including the right to file and prosecute, in its own name wherever so permitted by law or in the name of Assignee wherever necessary, patent applications, including corresponding and continuing applications, reissues, re-examinations, certificates of invention, and the like based on any of the Patent Assets, and to claim priority to any of the Patents and Patent Applications pursuant to the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. Assignor acknowledges receipt of fair and adequate consideration for this Assignment.

3. Assignor shall, when requested by Assignee, (i) execute or cause to be executed all rightful oaths, assignments, and powers of attorney to Assignee or to agents and legal representatives of Assignee, and all other papers necessary and proper to carry out the intent and purpose of this Assignment, (ii) execute all papers necessary in connection with the Patents and Patent Applications, and any continuing, divisional, reissue, reexamination or other corresponding application thereof or post-grant proceeding relating thereto and to execute any separate assignment in connection with any such application as Assignee may deem necessary or expedient; and (iii) perform all affirmative acts that may be necessary to obtain a grant of a valid patent to Assignee on any of the Inventions.
4. Assignor hereby assigns to Assignee all of Assignor's right, title, and interest in and to any claims, whether known or unknown, suspected or unsuspected, of any nature, including choses in action, that Assignor has or may have against any party for infringement of the Patents and Patent Applications, including the right to sue for past infringement, and acknowledges receipt of fair and adequate consideration for this Assignment.
5. Assignor represents that Assignor has the full right to convey the interests assigned by this Assignment, and that Assignor has not executed and will not execute any agreement in conflict with this Assignment.
6. This Assignment is binding upon and inures to the benefit of the successors and assigns of the parties.

[ASSIGNMENT CONTINUES ON SIGNATURE PAGE]

Assignment from Runtime Design Automation Inc. to Altair Engineering, Inc.

The Assignor hereby executes this Assignment.

Assignor: **Runtime Design Automation Inc.**

Signature: _____

Date: _____

Name: _____

Title: _____

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: **Altair Engineering, Inc.**

Signature: _____

Date: _____

Name: _____

Title: _____

Schedule

List of Patents and Patent Applications

Attorney Docket No.	Title	Filing Date	App No.	Issue Date	Patent No.
39410-0111001	A RUN TIME DEPENDENCY MANAGEMENT FACILITY FOR CONTROLLING CHANGE PROPAGATION UTILIZING RELATIONSHIP GRAPH	10/6/1995	08/540,392	5/27/1997	5,634,056
39410-0112001	A METHOD AND SYSTEM FOR PERFORMING FAIR-SHARE PREEMPTION	6/30/2006	11/428,241	5/3/2011	7,937,706
39410-0113001	MULTILAYERED RESOURCE SCHEDULING	5/6/2015	14/705,703	5/23/2017	9,658,893
39410-0113002	MULTILAYERED RESOURCE SCHEDULING	5/19/2017	15/600,602	6/25/2019	10,331,488
39410-0113003	MULTILAYERED RESOURCE SCHEDULING	6/13/2019	16/440,806	n/a	n/a

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