

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM362043

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	SUPPLEMENTAL FIRST-LIEN TRADEMARK SECURITY AGREEMENT		
<b>SEQUENCE:</b>	1		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Kronos Technology Systems Limited Partnership		11/10/2015	LIMITED PARTNERSHIP: MASSACHUSETTS
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	CREDIT SUISSE AG, CAYMAN ISLANDS BRANCH, as Collateral Agent		
<b>Street Address:</b>	Elevn Madison Avenue		
<b>Internal Address:</b>	6th Floor		
<b>City:</b>	New York		
<b>State/Country:</b>	NEW YORK		
<b>Postal Code:</b>	10010		
<b>Entity Type:</b>	Aktiengesellschaft: SWITZERLAND		
<b>PROPERTY NUMBERS Total: 1</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	3739568	AUTOTIME	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	6502515002		
<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>			
<b>Phone:</b>	6502515047		
<b>Email:</b>	jmull@stblaw.com		
<b>Correspondent Name:</b>	Michelle Morad		
<b>Address Line 1:</b>	2475 Hanover Street		
<b>Address Line 4:</b>	Palo Alto, CALIFORNIA 94304		
<b>ATTORNEY DOCKET NUMBER:</b>	051811/0002		
<b>NAME OF SUBMITTER:</b>	J. Jason Mull		
<b>SIGNATURE:</b>	/J. Jason Mull/		
<b>DATE SIGNED:</b>	11/11/2015		
<b>Total Attachments: 6</b>			
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**SUPPLEMENTAL FIRST-LIEN INTELLECTUAL PROPERTY SECURITY AGREEMENT**

This SUPPLEMENTAL FIRST-LIEN INTELLECTUAL PROPERTY SECURITY AGREEMENT (this “Supplemental IP Security Agreement”), dated as of November 10, 2015, among the Person listed on the signature pages hereof (the “Grantor”), and CREDIT SUISSE AG, CAYMAN ISLANDS BRANCH, as collateral agent for the First-Lien Secured Parties (in such capacity, together with its successors in such capacity, the “Collateral Agent”).

A. Capitalized terms used herein and not otherwise defined herein (including terms used in the preamble and the recitals) shall have the meanings assigned to such terms in the First-Lien Security Agreement, dated as of October 30, 2012 (as the same may be amended, supplemented, amended and restated or otherwise modified from time to time the “First-Lien Security Agreement”), among KRONOS ACQUISITION CORPORATION, a Delaware corporation (“Holdings”), KRONOS INCORPORATED, a Massachusetts corporation (the “Borrower”), each of the subsidiaries of the Borrower listed on Annex A thereto or that becomes a party thereto pursuant to Section 7.13 thereof (each such subsidiary, individually, a “Subsidiary Grantor” and, collectively, the “Subsidiary Grantors”), and CREDIT SUISSE AG, CAYMAN ISLANDS BRANCH, as collateral agent for the First-Lien Secured Parties (in such capacity, together with its successors in such capacity, the “Collateral Agent”).

B. The rules of construction and other interpretive provisions specified in Sections 1.2, 1.5, 1.6 and 1.7 of the First-Lien Credit Agreement shall apply to this Supplemental IP Security Agreement, including terms defined in the preamble and recitals hereto.

C. Pursuant to Section 4.4(e) of the First-Lien Security Agreement, the Grantor has agreed to execute or otherwise authenticate and deliver this Supplemental IP Security Agreement for recording the Security Interest granted under the First-Lien Security Agreement to the Collateral Agent in such Grantor’s U.S. Registered Intellectual Property with the United States Patent and Trademark Office and the United States Copyright Office and any other Governmental Authorities located in the United States necessary to perfect the Security Interest hereunder in such U.S. Registered Intellectual Property.

Accordingly, the Collateral Agent and the Grantor agree as follows:

SECTION 1. Grant of Security. The Grantor hereby grants to the Collateral Agent for the benefit of the First-Lien Secured Parties a security interest in all of such Grantor’s right, title and interest in and to the United States Trademark registration set forth in Schedule A hereto (collectively, the “Collateral”).

SECTION 2. Security for First-Lien Obligations. The grant of a security interest in the Collateral by the Grantor under this Supplemental IP Security Agreement secures the payment of all amounts that constitute part of the First-Lien Obligations and would be owed to the Collateral Agent or the First-Lien Secured Parties but for the fact that they

are unenforceable or not allowable due to the existence of a bankruptcy, reorganization or similar proceeding involving any Grantor.

SECTION 3. Recordation. The Grantor authorizes and requests that the Commissioner for Trademarks and any other applicable governmental officer located in the United States record this Supplemental IP Security Agreement.

SECTION 4. Grants, Rights and Remedies. This Supplemental IP Security Agreement has been entered into in conjunction with the provisions of the First-Lien Security Agreement. The Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Collateral Agent with respect to the Collateral are more fully set forth in the First-Lien Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this Supplemental IP Security Agreement and the terms of the First-Lien Security Agreement, the terms of the First-Lien Security Agreement shall govern.

SECTION 5. Counterparts. This Supplemental IP Security Agreement may be executed by one or more of the parties to this Supplemental IP Security Agreement on any number of separate counterparts (including by facsimile or other electronic transmission (i.e. a “pdf” or “tif”)), and all of said counterparts taken together shall be deemed to constitute one and the same instrument.

**SECTION 6. GOVERNING LAW. THIS SUPPLEMENTAL IP SECURITY AGREEMENT AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES HEREUNDER SHALL BE GOVERNED BY, AND CONSTRUED AND INTERPRETED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK.**

SECTION 7. Severability. Any provision of this Supplemental IP Security Agreement that is prohibited or unenforceable in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions hereof and in the First-Lien Security Agreement, and any such prohibition or unenforceability in any jurisdiction shall not invalidate or render unenforceable such provision in any other jurisdiction. The parties hereto shall endeavor in good-faith negotiations to replace the invalid, illegal or unenforceable provisions with valid provisions the economic effect of which comes as close as possible to that of the invalid, illegal or unenforceable provisions.

SECTION 8. Notices. All notices, requests and demands pursuant hereto shall be made in accordance with Section 7.2 of the First-Lien Security Agreement. All communications and notices hereunder to each Grantor shall be given to it in care of the Borrower at the Borrower’s address set forth in Section 13.2 of the First-Lien Credit Agreement (whether or not then in effect).

SECTION 9. Expenses. To the extent the Borrower would be required to do so pursuant to Section 13.5 of the First-Lien Credit Agreement (whether or not then in

effect) or any comparable provision of any Additional First-Lien Agreement, the Grantor agrees to reimburse the Collateral Agent for its reasonable and documented out-of-pocket expenses in connection with this Supplemental IP Security Agreement, including the reasonable and documented fees, other charges and disbursements of counsel for the Collateral Agent.

IN WITNESS WHEREOF, the Grantor and the Collateral Agent have duly executed and delivered as of the date first above written.

KRONOS TECHNOLOGY SYSTEMS  
LIMITED PARTNERSHIP

By: \_\_\_\_\_  
Name: Aron *Am*  
Title: Authorized Officer

CREDIT SUISSE AG, CAYMAN  
ISLANDS BRANCH, as Collateral Agent,

By: \_\_\_\_\_

Name: JUDITH SMITH  
Title: AUTHORIZED SIGNATORY

By: \_\_\_\_\_

Name: Max Wallins  
Title: Authorized Signatory

SCHEDULE A TO THE  
FIRST-LIEN INTELLECTUAL PROPERTY  
SECURITY AGREEMENT

TRADEMARKS AND TRADEMARK APPLICATIONS

<b>Grantor</b>	<b>Trademark</b>	<b>Registration Number</b>	<b>Registration Date</b>	<b>Serial/ Application #</b>
Kronos Technology Systems Limited Partnership	AUTOTIME	3739568	1/19/2010	77760502