

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM472342

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT OF THE ENTIRE INTEREST AND THE GOODWILL		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
BLACK DUCK SOFTWARE, INC.		04/30/2018	Corporation: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	SYNOPSISYS, INC.		
<b>Street Address:</b>	690 EAST MIDDLEFIELD ROAD		
<b>City:</b>	MOUNTAIN VIEW		
<b>State/Country:</b>	CALIFORNIA		
<b>Postal Code:</b>	94043		
<b>Entity Type:</b>	Corporation: DELAWARE		
<b>PROPERTY NUMBERS Total: 11</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	2973498	BLACK DUCK	
<b>Registration Number:</b>	2981904	BLACK DUCK	
<b>Registration Number:</b>	3306940	KNOW YOUR CODE	
<b>Registration Number:</b>	4082158	OHLOH	
<b>Registration Number:</b>	4548000	BLACK DUCK	
<b>Registration Number:</b>	4240619	BLACK DUCK	
<b>Registration Number:</b>	4086792	OLLIANCE GROUP	
<b>Registration Number:</b>	4146756	CODE SIGHT	
<b>Registration Number:</b>	4653922	BLACKDUCK	
<b>Registration Number:</b>	4844721	OPEN SOURCE THINK TANK	
<b>Registration Number:</b>	3110405	SPIKE	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	2026375910		
<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>	2026375600		
<b>Email:</b>	danny.vara@hoganlovells.com		
<b>Correspondent Name:</b>	Hogan Lovells US LLP		
<b>Address Line 1:</b>	555 13th St NW		

CH \$290.00 2973498

<b>Address Line 4:</b>	Washington, D.C. 20004
<b>NAME OF SUBMITTER:</b>	Danny Vara
<b>SIGNATURE:</b>	/Danny Vara/
<b>DATE SIGNED:</b>	05/02/2018
<b>Total Attachments: 5</b> source=Black Duck TM exAssignment#page1.tif source=Black Duck TM exAssignment#page2.tif source=Black Duck TM exAssignment#page3.tif source=Black Duck TM exAssignment#page4.tif source=Black Duck TM exAssignment#page5.tif	

## TRADEMARK ASSIGNMENT

This TRADEMARK ASSIGNMENT (this "*Assignment*") is made and entered into as of April 30, 2018, by and between Black Duck Software, Inc., a Delaware corporation, having a place of business at 800 District Ave., Suite 201, Burlington, MA 01803-5061 ("*Assignor*"), and Synopsys, Inc., a Delaware corporation, having a place of business at 690 East Middlefield Road, Mountain View, CA 94043 ("*Assignee*").

NOW, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor and the Assignee each hereby agree as follows:

1. Assignment. Assignor hereby assigns, transfers, conveys, and delivers to the Assignee and its successors and assigns, and the Assignee hereby purchases and accepts from the Assignor, all of Assignor's right, title, and interest in, to, and under the trademarks listed in Schedule I hereto and any other trademarks in or to which the Assignor has any right, title, or interest (the "*Assigned Trademarks*"), including, without limitation, all applications to register any of the Assigned Trademarks, all registrations that have been or may be granted for any of the Assigned Trademarks, all common law rights to the Assigned Trademarks, including those for which no applications or registrations exist, and all goodwill associated with the Assigned Trademarks and symbolized thereby, together with the right to sue and recover damages for future, present, and past infringements of the Assigned Trademarks and to fully and entirely stand in the place of the Assignor in all matters related to the Assigned Trademarks.


2. Further Assurances. The Assignor agrees to execute and deliver such other documents and to take all such other actions which the Assignee, its successors and/or assigns may reasonably request to effect the terms of this Assignment, and to execute and deliver any and all affidavits, testimonies, declarations, oaths, samples, exhibits, specimens, and other documentation as may be reasonably required to effect the terms of this Assignment and its recordation in relevant state and national trademark offices.

3. Miscellaneous. This Assignment shall be governed by, and construed in accordance with the laws of the State of California without regard to conflict of laws principles. This Assignment may not be supplemented, altered, or modified in any manner except by a writing signed by all parties hereto. The failure of any party to enforce any terms or provisions of this Assignment shall not waive any of its rights under such terms or provisions. This Assignment shall bind and inure to the benefit of the respective parties and their assigns, transferees and successors. This Assignment and any amendments hereto may be executed in one or more counterparts, each of which shall be deemed an original but all of which together will constitute one and the same instrument.

[*Signature Page to follow.*]

IN WITNESS WHEREOF, the parties have executed this Assignment as evidenced by their duly authorized signatures below.

Black Duck Software, Inc.

By: 

Name: David Moyce

Title: President

Date: April 30, 2018

Synopsys, Inc.

By: 

Name: Erika Varga McEnroe


Title: VP, Deputy General Counsel





Date: April 30, 2018

**SCHEDULE I**

**ASSIGNED TRADEMARKS**

**Trademark Applications/Registrations**

<b>Trademark</b>	<b>CTY</b>	<b>Appl Date</b>	<b>Reg No</b>	<b>Reg Date</b>
BLACK DUCK	AU	23-Feb-2006	1100371	05-Oct-2006
BLACK DUCK	CA	14-Jun-2006	1305454	12-Feb-2008
BLACK DUCK	CN	25-Jul-2006	5500992	07-Jul-2009
BLACK DUCK	EM	12-Aug-2005	004588596	01-Aug-2006
BLACK DUCK	HK	02-Jun-2006	300651131	10-Nov-2006
BLACK DUCK	IL	04-Jun-2006	190631	04-Jun-2006
BLACK DUCK	IN	01-Mar-2006	1425717	
BLACK DUCK (Stylized and Design) 	IN	01-Mar-2006	755958	01-Mar-2016
BLACK DUCK	JP	02-Jun-2005	4,921,710	13-Jan-2006
BLACK DUCK	KR	01-Jun-2005	0016388	14-Jun-2006
BLACK DUCK	US	08-Jul-2003	2,973,498	19-Jul-2005
BLACK DUCK	CN	25-Jul-2006	5500994	28-Sep-2009
BLACK DUCK	IL	04-Jun-2006	190629	14-Feb-2008
BLACK DUCK	US	08-Jul-2003	2,981,904	02-Aug-2005
BLACK DUCK	IL	04-Jun-2006	190,630	04-Jun-2006
KNOW YOUR CODE	US	12-May-2006	3,306,940	09-Oct-2007
OHLOH	CN	08-Dec-2010	8928036	14-Feb-2014
OHLOH	EM	28-Oct-2010	009482126	04-Apr-2011
OHLOH	US	20-Oct-2010	4,082,158	10-Jan-2012

BLACK DUCK (Stylized and Design) 	US	04-Oct-2011	4,548,000	10-Jun-2014
BLACK DUCK (Stylized and Design) 	US	14-Oct-2011	4,240,619	13-Nov-2012
OLLIANCE GROUP	US	04-Apr-2011	4,086,792	17-Jan-2012
CODE SIGHT	US	04-Nov-2011	4,146,756	22-May-2012
BLACKDUCK (STYLIZED W/DESIGN)  BLACKDUCK  BLACKDUCK	US	28-Aug-2013	4,653,922	09-Dec-2014
OPEN SOURCE THINK TANK	US	11-Mar-2015	4,844,721	03-Nov-2015
BLACKDUCK and Design	Canada	06/14/2006	TMA731937	01/9/2009
BLACK DUCK	China	07/25/2006	5500993	
BLACK DUCK	China	07/25/2006	5500991	09/28/2009
BLACK DUCK	China	07/25/2006	5500990	
BLACK DUCK	China	07/25/2006	5500989	07/07/2009
PROTEXIP	China	07/25/2006	5500995	07/07/2009
PROTEXIP	China	07/25/2006	5500996	9/28/2009
PROTEXIP	India	03/01/2006	1425719	

blackduck	Japan	06/02/2006	5046925	05/11/2007
PROTEXIP	Japan	06/23/2006	5031234	03/09/2007
blackduck and Design	Korea	06/16/2006	4500221260000	01/23/2008
PROTEXIP	Korea	06/30/2006	4007217080000	08/21/2007
PROTEXIP	Korea	06/01/2005	4101389580000	10/19/2006
Spike	US	10/05/2004	3110405	06/27/2006