502842966 06/09/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2889563

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAD A. DEFFLER	05/23/2011

RECEIVING PARTY DATA

Name:	COMPUTER ASSOCIATES THINK, INC.	
Street Address:	ONE CA PLAZA	
City:	ISLANDIA	
State/Country:	NEW YORK	
Postal Code:	11749	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14252038

CORRESPONDENCE DATA

Fax Number:

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: 214-953-6500

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Correspondent Name: BAKER BOTTS LLP Address Line 1: 2001 ROSS AVENUE

Address Line 2: **6TH FLOOR**

Address Line 4: DALLAS, TEXAS 75201

ATTORNEY DOCKET NUMBER:	063170.A035	
NAME OF SUBMITTER:	LUKE K. PEDERSEN	
SIGNATURE:	/Luke K. Pedersen/	
DATE SIGNED:	06/09/2014	

Total Attachments: 2

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> **REEL: 033056 FRAME: 0319** 502842966

PATENT

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ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, COMPUTER ASSOCIATES THINK, INC., (hereinafter referred to as "Assignee"), a Delaware corporation, with an address of One CA Plaza, Islandia, New York 11749, desires to acquire my entire right, title and interest in and to the invention, and in and to said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to Assignee.

I also assign to Assignee, all right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

DAL01:1167107

ATTORNEY DOCKET NO. 063170.9710

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This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention:

DETERMINING DEPENDENCIES DURING

MACRO EXPANSION

Signature of Inventor:

Inventor's Name:

Tad A. Deffler

Residence (City, County, State):

Boonton, Morris County, New Jersey

Date Assignment Executed:

23 MAY 2011

DAL01:1167107

PATENT REEL: 033056 FRAME: 0321