

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ralf D. Saborowski</td> <td>05/11/2012</td> </tr> <tr> <td>Ansgar Trimborn</td> <td>05/10/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ralf D. Saborowski	05/11/2012	Ansgar Trimborn	05/10/2012
Name	Execution Date						
Ralf D. Saborowski	05/11/2012						
Ansgar Trimborn	05/10/2012						
RECEIVING PARTY DATA							
Name:	CA, Inc.						
Street Address:	One CA Plaza						
City:	Islandia						
State/Country:	NEW YORK						
Postal Code:	11749						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13475504</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13475504		
Property Type	Number						
Application Number:	13475504						
CORRESPONDENCE DATA							
Fax Number:							
Phone:	214-953-6500						
Email:	glenda.orrantia@bakerbotts.com						
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>							
Correspondent Name:	Baker Botts LLP						
Address Line 1:	2001 Ross Avenue, 6th Floor						
Address Line 4:	Dallas, TEXAS 75201						
ATTORNEY DOCKET NUMBER:	063170.9798						
NAME OF SUBMITTER:	Hung-Wei Tsai						
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif							

CH \$40.00 13475504

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, CA, 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.

ATTORNEY DOCKET NO.
063170.9798 (20121182)

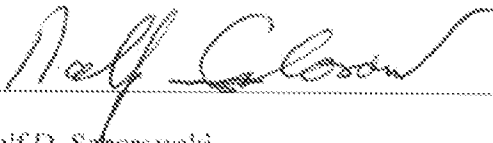
ASSIGNMENT

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

Title of Invention: Customizing Operating Systems

Signature of Inventor:



Inventor's Name:

Ralf D. Saborowski

Residence (City, County, State):

Leichlingen, Germany

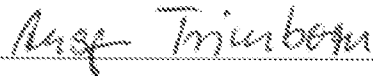
Date Assignment Executed:

5-11-2012

Date Application Executed:

5-11-2012

Signature of Inventor:



Inventor's Name:

Ansgar Trimborn

Residence (City, County, State):

Bonn, Germany

Date Assignment Executed:

5/10/2012

Date Application Executed:

5/10/2012