

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
David S. Tyree	05/08/2013
RECEIVING PARTY DATA	
Name:	CA, Inc.
Street Address:	One CA Plaza
City:	Islandia
State/Country:	NEW YORK
Postal Code:	11749
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13890595
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	919-854-1400
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Correspondent Name:	Myers Bigel Sibley & Sajovec, P.A./ksc
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Address Line 4:	Raleigh, NORTH CAROLINA 27627
ATTORNEY DOCKET NUMBER:	1100-130098
NAME OF SUBMITTER:	Kirsten S. Carlos
Signature:	/ksc/
Date:	05/09/2013
Total Attachments: 2 source=1100_130098Assignment#page1.tif source=1100_130098Assignment#page2.tif	

CH \$40.00 13890595

ASSIGNMENT

THIS ASSIGNMENT, made by me **David S. Tyree**, a citizen of the United States of America, residing at P.O. Box 512, Wheat Ridge, Colorado 80034;

WITNESSETH: That,

WHEREAS, I am the sole inventor of certain new and useful improvements in, **AUTOMATED ITEM RECOGNITION FOR RETAIL CHECKOUT SYSTEMS**, for which an application for United States Letters Patent has been filed, or is being concurrently filed, in the United States Patent and Trademark Office. I hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. 13/890,595, filed May 9, 2013) the filing date and application number of said application when known or to file this Assignment concurrently with the application; and

WHEREAS, **CA, Inc.**, a Delaware corporation having a principal place of business at One CA Plaza, Islandia, New York, 11749, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

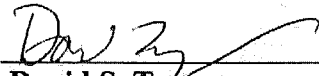
I hereby request that said Letters Patent be issued in accordance with this assignment.

I further covenant and agree that, at the time of the execution and delivery of these presents, I possess full title to the invention and application above-mentioned, and that I have the unencumbered right and authority to make this assignment.

I further covenant and agree to promptly communicate to said assignee or its representatives any facts known to me relating to said invention, to testify in any interference ¹

or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and I hereby instruct, and further covenant and agree to bind my heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 8th
day of May, 2013.



David S. Tyree (SEAL)