502405950 07/02/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

NATURE OF CONVEYANCE.	SUBMISSION TYPE:	NEW ASSIGNMENT
ASSIGNMENT ASSIGNMENT	NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Bruce A. Schaefer	06/24/2013

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:	13933316

CORRESPONDENCE DATA

Fax Number: 9374382124

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 937-438-6848

Email: PTO@sspatlaw.com

Correspondent Name: Stevens & Showalter, LLP

Address Line 1: Box CAT

Address Line 2: 7019 Corporate Way
Address Line 4: Dayton, OHIO 45459-4238

ATTORNEY DOCKET NUMBER:	CAT 025 PA
NAME OF SUBMITTER:	Robert L. Showalter
Signature:	/Robert L. Showalter/
Date:	07/02/2013

Total Attachments: 2

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PATENT REEL: 030726 FRAME: 0433 OF \$40.00 13933316

Docket No. US20140304US3/CAT025PA

ASSIGNMENT

WHEREAS, I, Bruce A. Schaefer, of Tyler, Texas, hereinafter I or Assignor, have made a certain

new and useful invention entitled SIGNALING SERVICE INTERFACE MODULE as set forth in an

application for United States Letters Patent which I executed on even date herewith; and

WHEREAS, CA, Inc., a corporation of the State of Delaware, and having a place of business at One

CA Plaza, Islandia NY 11749, hereinafter the Assignee, is desirous of acquiring the entire right, title and

interest in and to said invention and in and to any and all Letters Patent of the United States and foreign

countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, I do hereby sell, assign, transfer and set

over unto said Assignee, its legal representatives, successors, and assigns, the entire right, title and interest

in and to said invention as set forth in the above-mentioned application, and in and to any and all patents of

the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, I hereby agree that I will not execute any writing or do any act

whatsoever conflicting with this Assignment, and that I will, at any time upon request, without further or

additional consideration but at the expense of said Assignee, execute such additional assignments and other

writings and do such additional acts as said Assignee may deem necessary or desirable to perfect said

Assignee's enjoyment of this grant, and render all necessary assistance in making application for and

obtaining original, divisional, reexamined, reissued, or extended Letters Patent of the United States or of any

and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result

of such applications or patents, by giving testimony in any proceedings or transactions involving such

applications or patents, and by executing preliminary statements and other affidavits, it being understood that

the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal

representatives of said Assignor and said Assignee;

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PATENT REEL: 030726 FRAME: 0434

Docket No. US20140304US3/CAT025PA Assignment

I hereby authorize and request attorneys Stevens & Showalter, L.L.P. of 7019 Corporate Way, Dayton OH 45459 to insert here in parentheses (Application Serial No. 13/933, 316, filed July 2, 2013) the serial number and filing date of this application when known.

AND I request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

STATE OF TEXAS

county of Smith) ss:

appeared Bruce A. Schaefer to me known to be the person named in and who executed the above instrument,

and acknowledged to me that he executed the same for the uses and purposes therein set forth.

My commission expires: 5/28/2015.

SEAL

Penny & Mc adams) NOTARY PUBLIC



PENNY L. MCADAMS MY COMMISSION EXPIRES May 28, 2015