PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3489692

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
REFERENTIA SYSTEMS, INC.	09/04/2014

RECEIVING PARTY DATA

Name:	LIVEACTION, INC.
Street Address:	155 KAPALULU PLACE
Internal Address:	SUITE 222
City:	HONOLULU
State/Country:	HAWAII
Postal Code:	96819

PROPERTY NUMBERS Total: 4

Property Type	Number
Application Number:	12431698
Application Number:	13774867
Application Number:	13774879
Application Number:	13774890

CORRESPONDENCE DATA

Fax Number: (408)749-6901

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: 4087746914

Email:ken.wright@mpiplaw.comCorrespondent Name:KENNETH D. WRIGHTAddress Line 1:710 LAKEWAY DRIVE

Address Line 2: SUITE 200

Address Line 4: SUNNYVALE, CALIFORNIA 94085

ATTORNEY DOCKET NUMBER:	REFSP002, 2C1, 2C2, 2C3
NAME OF SUBMITTER:	KENNETH D. WRIGHT
SIGNATURE:	/Kenneth D. Wright/
DATE SIGNED:	08/19/2015
	•

Total Attachments: 4



SCHEDULE B

PATENT ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, Referentia Systems Incorporated, a Hawaii Corporation having its principal place of business at 155 Kapalulu Place, Suite 200, Honolulu, Hawaii 96819 ("ASSIGNOR"), does hereby sell, assign, transfer, and convey unto LiveAction, Inc., a Delaware corporation, having its principal place of business at 155 Kapalulu Place, Suite 222, Honolulu, Hawaii 96819 ("ASSIGNEE"), or its designees, successors, transferees, and assignees, all right, title, and interest that exist today and may exist in the future in and to all of the following (collectively, "PATENT RIGHTS"):

- a) the provisional patent applications, patent applications and patents listed below (the "Patents");
- all provisional patent applications, patent applications, patents or other governmental grants or issuances (i) to which any of the Patents directly or indirectly claims priority and/or (ii) for which any of the Patents directly or indirectly forms a basis for priority;
- reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, and divisions of any of the foregoing categories (a) and (b);
- d) foreign patents, patent applications, and counterparts relating to any of the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances;
- e) any of the foregoing in categories (a) through (d), whether or not expressly listed as Patents below and whether or not rejected, withdrawn, cancelled, or the like;
- f) all inventions, invention disclosures, and discoveries described in any item in any of the foregoing categories (a) through (e) and all other rights arising out of such inventions, invention disclosures, and discoveries to the extent that such inventions, invention disclosures and discoveries could be claimed in any of the Patents:
- g) rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances of any type related to the any of the

foregoing categories (a) through (f), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;

- h) causes of action (whether currently pending, filed, or otherwise) and other enforcement rights, including, without limitation, all rights under Patents and/or under or on account of any of the foregoing categories (a) through (f) to
 - i. damages,
 - ii. injunctive relief, and
 - iii. other remedies of any kind for past, current, and future infringement; and
- i) all rights to collect royalties and other payments under or on account of any of the Patents or any of the foregoing categories (b) through (h).

Country	Patent No. / Patent App. No.	Title	Grant Date / Filing Date
United States	7,500,158	System and method for network device configuration	March 3, 2009
United States	7,975,190	System and method for network device configuration	Jul 5, 2011
United States	2009/0327903	System and Method for Network Topology and Flow Visualization	April 28, 2009
United States	2013/0159863	System and Method for Network Topology and Flow Visualization	Feb 22, 2013
United States	2013/0159864	System for Network Flow Visualization through Network Devices within Network Topology	Feb 22, 2013
United States	2013/0159865	Method and System for Real-Time Visualization of Network Flow within Network Device	Feb 22, 2013

ASSIGNOR represents that ASSIGNOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the ASSIGNOR has made or will make hereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

ASSIGNOR hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted

upon any of the Patent Rights in the name of ASSIGNEE, as the assignee to the entire interest therein.

on behalf of ASSIGNOR	Date of Si	<u>gnature</u>	
	9/4/.	2014	
Nelson Kanemoto, President & CEO			**************************************
IN WITNESS WHEREOF, Referentia and delivered this Patent Assignment by their reauthorized as of the date first above written	espective officers		
	REFERENTIA S INCORPORATI		•
	23		
IN PRESENCE OF:	a many busto acros		
STATE OF HAWAII))SS.		
COUNTY OF HONOLULU)		
On the 4th day of September 2014, before n me known, who, being by me duly sworn, d 1349B Moanalualani Way, Honolulu HI 96th of REFERENTIA SYSTEMS INCORPORA and which executed the foregoing instrument by order of the board of directors of said controls.	id depose and say 819; that s/he is th ATED, the Hawaii nt; that s/he signed	that s/he resides at e President and CEO corporation describe	d CHENO
	Notary Public	STATE OF THE STATE	NOTARY PUBLIC *
	Printed Name: D	anny chengit	No. 06-635
My Commission Expires: (6 22 26	' 4		MIEOFIE
NO OF 635		Notary Name: Danny C Doc. Descript on Inte	14 # Pages 30 heng First Circui Uectual Property Of reement
MATE OF H	22	Notary Signature PATE	9/4/19 Date NT

REEL: 036363 FRAME: 0056

LIVEACTION, INC.

By: D_ Ki___

Name: Darren Kimura

Title: Chief Executive Officer

Address for Notices:

825 San Antonio Road Suite 201

Palo Alto, CA 94303

IN PRESENCE OF:

State of California

Dete

2014 before

before me, Chu Martin

personally appeared

Darren Doshialio Kr

Name(s) of Signer(s)

AMY B. MARTIN
Commission # 2037751
Notary Public - California
Santa Ciara County
My Comm. Expires Aug 19, 2017

Place Notary Seal Above

who proved to me on the basis of satisfactory evidence to be the persons(s)-whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies); and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Signature of Notary Public