505484069 05/20/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5530873

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CANVAS TECHNOLOGY LLC	03/12/2019

RECEIVING PARTY DATA

Name:	A9.COM, INC.
Street Address:	130 LYTTON AVENUE
City:	PALO ALTO
State/Country:	CALIFORNIA
Postal Code:	94301-1044

PROPERTY NUMBERS Total: 7

Property Type	Number
Patent Number:	9964955
Application Number:	16020232
Application Number:	16032647
Application Number:	16277291
Application Number:	62678552
Application Number:	62683906
PCT Number:	US2017048201

CORRESPONDENCE DATA

Fax Number: (404)853-8806

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: 404-853-8000

Email: amazonpatents@eversheds-sutherland.us
Correspondent Name: EVERSHEDS SUTHERLAND (US) LLP

Address Line 1: 999 PEACHTREE STREET NE

Address Line 2: SUITE 2300

Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	25396-CANVAS
NAME OF SUBMITTER:	ERICKA BRUNDAGE
SIGNATURE:	/Ericka Brundage/
DATE SIGNED:	05/20/2019

505484069 REEL: 049229 FRAME: 0207

Total Attachments: 3

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PATENT REEL: 049229 FRAME: 0208

BILL OF SALE

This BILL OF SALE AGREEMENT (this "Agreement"), effective as of March 16 _____, 2019 (the "Effective Date"), is by and between Canvas Technology LLC, a Delaware limited liability company ("Seller"), and A9.com, Inc., a Delaware corporation ("Buyer").

- 1. Pursuant to, and subject to the effectiveness of each of the following, in consecutive order starting with item a and ending with item b:
 - a. Distribution Agreement, effective as of the Effective Date (the "*Distribution Agreement*"), by and between Seller and Amazon.com Services, Inc., a Delaware corporation ("*Parent*"); and
 - b. Contribution Agreement, effective as of the Effective Date, by and between Parent and Buyer,

Seller hereby irrevocably and unconditionally conveys, transfers, and assigns to Buyer all of Seller's right, title and interest in and to the Property (as hereinafter defined), the goodwill associated therewith and the right to sue for and recover damages for any past, present or future infringement of the Property, the same to be held and enjoyed by Buyer for its own use and enjoyment, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged.

- 2. "Property" as used herein is the Distributor Intellectual Property, as defined in the Distribution Agreement, which includes, but is not limited to, the items listed on Exhibit A attached hereto.
- 3. Title and risk shall pass to Buyer as of the Effective Date of this Agreement.

[Signature Page Follows]

Document 2.3.2 4819-8480-6793.v2 IN WITNESS WHEREOF, the parties hereto have caused this Bill of Sale to be executed on the dates set forth below.

CANVAS TECHNOLOGY LLC

Peter Erawice

Name: Peter Krawiec

Title: President and Secretary Date Signed:

Address:

By:

410 Terry Avenue North Seattle, WA 98109 A9.COM, INC.

By: Docusigned by:

By: Docusigned by:

Docusigned by:

Name: Aaron McGrath

Title: Vice President and Secretary Date Signed:

Address:

130 Lytton Avenue

Palo Alto, CA 94301-1044

SIGNATURE PAGE TO BILL OF SALE

Document 2.3.2 4819-8480-6793.v2

> PATENT REEL: 049229 FRAME: 0210

EXHIBIT A DISTRIBUTOR INTELLECTUAL PROPERTY

Patents

Title	Jurisdiction	Patent Number	Issue Date
SYSTEM AND METHODS OF DETERMINING A GEOMETRIC POSE OF A CAMERA BASED	USPTO	9964955 B2	May 8, 2018
ON SPATIAL AND VISUAL MAPPING			

Prior Art: As disclosed on the face of the foregoing patent.

Patent Applications

Title	Jurisdiction	Application/ Publication Number	Filing Date
UNIVERSAL ANCHOR POINT FOR AUTONOMOUS MOBILE ROBOT (AMR)	USPTO	62678552	May 31, 2018
AUTONOMOUS CART FOR MANUFACTURING AND WAREHOUSE APPLICATIONS	USPTO	62378467	August 23, 2016
AUTONOMOUS CART FOR MANUFACTURING AND WAREHOUSE APPLICATIONS	WIPO	PCT/US2017/048201 / WO2018/039337	August 23, 2017
AUTONOMOUS CART FOR MANUFACTURING AND WAREHOUSE APPLICATIONS	USPTO	16277291	February 15, 2019
CHARGING SYSTEMS AND METHODS FOR AUTONOMOUS CART	USPTO	62525338	June 27, 2017
CHARGING SYSTEMS AND METHODS FOR AUTONOMOUS CART	USPTO	16020232 / 2018- 0370377	June 27, 2018
CONVEYOR SYSTEM FOR AUTONOMOUS ROBOT	USPTO	62531468	July 12, 2017
CONVEYOR SYSTEM FOR AUTONOMOUS ROBOT	USPTO	16032647	July 11, 2018
SYSTEMS AND METHODS TO IMPLEMENT PREFERRED PATHWAYS IN MOBILE ROBOTS	USPTO	62683906	June 12, 2018

Prior Art: As disclosed in the IDS submitted in connection with each of the foregoing patent applications and as set forth in the PCT international search report and international preliminary examination report. Some of the prior art in the foregoing sentence may also be applicable to the provisional applications listed in the above table.

Responses to the items set forth in the docket schedule below, including the submission of any documents set forth therein, are due within 180 days after the Agreement Date:

PATENT REEL: 049229 FRAME: 0211

RECORDED: 05/20/2019