505304074 01/30/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ARC DOCUMENT SOLUTIONS, INC.	01/30/2019

RECEIVING PARTY DATA

Name:	ARC DOCUMENT SOLUTIONS, LLC		
Street Address:	12657 ALCOSTA BLVD., SUITE 200		
City:	SAN RAMON		
State/Country:	CALIFORNIA		
Postal Code:	94583		

PROPERTY NUMBERS Total: 3

Property Type	Number		
Application Number:	15994009		
Application Number:	16012561		
Application Number:	16021503		

CORRESPONDENCE DATA

Fax Number: (415)576-0300

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: 415-576-0200

Email: sdsmith@kilpatricktownsend.com

Correspondent Name: KILPATRICK TOWNSEND & STOCKTON LLP Address Line 1: 1100 PEACHTREE STREET, SUITE 2800

Address Line 2: MAILSTOP: IPDOCKETING - 22
Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER: 103730-1074237-000000US	
NAME OF SUBMITTER:	SHELLEY SMITH
SIGNATURE:	/SHELLEY SMITH/
DATE SIGNED:	01/30/2019

Total Attachments: 3

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PATENT 505304074 REEL: 048190 FRAME: 0367

ASSIGNMENT

(Patent)

ARC Document Solutions, Inc., a corporation of the State of Delaware (hereinafter, "Assignor") owns all rights, titles and interests throughout the world in and to the patent properties listed in Appendix A, (collectively referred to as the "Patents") and the intellectual property implicitly or explicitly disclosed, embodied, shown or claimed in the Patents (collectively referred to as the "Inventions").

ARC Document Solutions, LLC, a corporation having a principal place of business at 12657 Alcosta Blvd., Suite 200, San Ramon, CA 94583, United States of America, desires to acquire all rights, titles, and interests in and to the Inventions and Patents throughout the world.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor:

- 1. Has assigned, transferred, conveyed, and sold, and hereby assigns, transfers, conveys, and sells to Assignee all rights, titles and interests in and to:
 - (a) the Inventions throughout the world,
 - (b) all of the Patents, the right to claim priority to the Patents, and all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisions, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations of any of the Patents, all for the full term or terms for which the same may be granted (collectively, the "Patent Rights"); and
 - (c) all claims for damages by reason of past infringement of any of the Patent Rights (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.
- 2. Authorizes and requests the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue any and all of the Patent Rights to Assignee.
- 3. Agrees to sign, and procure signature of, all papers and documents, including without limitation, applications, declarations, oaths, assignments and petitions, and, at Assignee's expense, perform any other acts necessary in Assignee's reasonable opinion in connection with prosecution, maintenance or enforcement of any of the Patent Rights.

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4. Agrees that the terms, covenants, and conditions of this Assignment shall inure to the benefit of Assignee, its successors, assigns and other legal representative, and shall be binding upon Assignor and its successors, legal representatives, and assigns.

Signed on the date(s) set forth below.

ARC Document Solutions, Inc.

ASSIGNOR

Dated: Jan. 30, 2019

Title: Cuporale Course 1 + Secretory

ARC Document Solutions, LLC

ASSIGNEE

Dated: $\sqrt{G_1}$ 30, 2019

By______

Name: Marey Land 11

Courset + Sicuto

Appendix A

Title	Country File No.	Status	Appln. No Filing Date	Published As
SYSTEM AND METHOD FOR OPTIMIZING TRANSFER OF DATA CHUNKS USING RADIO FREQUENCY (RF) HANDSHAKING	United States of America 103730-1090359-000510US	Published	15/994,009 May 31, 2018	US 2018/0352029 A1
EXPANSION CARTRIDGE FOR DEDUPLICATION OF DATA CHUNKS IN CLIENT DEVICES INTERSPERSED IN NETWORKED	United States of America 103730-1092459-000610US	Published	16/012,561 Jun 19, 2018	US 2018/0373455 A1
SYSTEM AND METHOD FOR SYNCHRONIZING ONE OR MORE ALTERNATIONS IN A WORK PRODUCT	United States of America 103730-1093101-000710US	Published	16/021,503 Jun 28, 2018	US 2019/0007487 A1

PATENT REEL: 048190 FRAME: 0370

RECORDED: 01/30/2019