

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6754158

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECOND LIEN PATENT SECURITY AGREEMENT
CONVEYING PARTY DATA	
Name	Execution Date
CDS BUSINESS MAPPING, LLC	06/04/2021
CLAREITY SECURITY, LLC	06/04/2021
CORELOGIC CREDCO, LLC	06/04/2021
CORELOGIC DORADO, LLC	06/04/2021
CORELOGIC SOLUTIONS, LLC	06/04/2021
CORELOGIC TAX SERVICES, LLC	06/04/2021
CORELOGIC, INC.	06/04/2021
FNC, INC.	06/04/2021
LOCATION INC. GROUP CORPORATION	06/04/2021
RECEIVING PARTY DATA	
Name:	ARES CAPITAL CORPORATION
Street Address:	280 PARK AVENUE
Internal Address:	22ND FLOOR, BUILDING EAST
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10017
PROPERTY NUMBERS Total: 72	
Property Type	Number
Patent Number:	10482079
Patent Number:	9697248
Patent Number:	7853464
Patent Number:	8543436
Patent Number:	7558748
Patent Number:	8468088
Patent Number:	9639757
Patent Number:	10528811
Patent Number:	8775300
Patent Number:	10726509
Patent Number:	8649567

PATENT

Property Type	Number
Patent Number:	8078512
Patent Number:	8571973
Patent Number:	7844417
Patent Number:	10204116
Patent Number:	7853518
Patent Number:	8612320
Patent Number:	7958048
Patent Number:	8001024
Patent Number:	8370239
Patent Number:	9031881
Patent Number:	7747520
Patent Number:	7904383
Patent Number:	7809635
Patent Number:	7873570
Patent Number:	7599882
Patent Number:	7966256
Patent Number:	8065234
Patent Number:	7890509
Patent Number:	8078594
Patent Number:	10789571
Patent Number:	9298740
Patent Number:	10248731
Patent Number:	7747521
Patent Number:	7835986
Patent Number:	8015037
Patent Number:	8548831
Patent Number:	8489499
Patent Number:	8639618
Patent Number:	7668769
Patent Number:	7587348
Patent Number:	8121920
Patent Number:	7343348
Patent Number:	8498929
Patent Number:	8628151
Patent Number:	8542884
Patent Number:	7917292
Patent Number:	8655595
Patent Number:	9213994

Property Type	Number
Patent Number:	8538918
Patent Number:	9105070
Patent Number:	9070176
Patent Number:	9754334
Patent Number:	8077927
Patent Number:	8458074
Patent Number:	8224745
Patent Number:	8468167
Patent Number:	8676731
Patent Number:	8688494
Patent Number:	7043501
Patent Number:	7680859
Patent Number:	8849808
Patent Number:	8376755
Patent Number:	9348510
Patent Number:	7636901
Application Number:	16281919
Application Number:	16223680
Application Number:	16516727
Application Number:	16370686
Application Number:	16559289
Application Number:	16864342
Application Number:	15365777

CORRESPONDENCE DATA

Fax Number: (312)862-2200

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: 312.862.2208

Email: rob.soneson@kirkland.com

Correspondent Name: ROB SONESON

Address Line 1: 300 NORTH LASALLE

Address Line 2: KIRKLAND & ELLIS LLP

Address Line 4: CHICAGO, ILLINOIS 60654

ATTORNEY DOCKET NUMBER:	25359-14-RFS
NAME OF SUBMITTER:	ROB SONESON
SIGNATURE:	/ROB SONESON/
DATE SIGNED:	06/10/2021

Total Attachments: 10

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SECOND LIEN PATENT SECURITY AGREEMENT, dated as of June 4, 2021 (this “Agreement”), among the undersigned (each a “Grantor” and collectively, the “Grantors”) and ARES CAPITAL CORPORATION, as Second Lien Collateral Agent (in such capacity, the “Second Lien Collateral Agent”).

Reference is hereby made to that certain Second Lien Credit Agreement, dated as of June 4, 2021 (as amended, restated, supplemented or otherwise modified from time to time, the “Second Lien Credit Agreement”) among CELESTIAL-SATURN PARENT INC., a Delaware corporation, (“Initial Holdings”), CELESTIAL-SATURN MERGER SUB INC., a Delaware corporation (the “Initial Borrower”) whose rights and obligations under the Second Lien Credit Agreement and the other Second Lien Loan Documents as the “Borrower” will be assumed by CORELOGIC, INC., a Delaware corporation (the “Company”) after giving effect to the Assumption and Release pursuant to Section 9.22 of the Second Lien Credit Agreement immediately upon consummation of the Acquisition, the Lenders party thereto ARES CAPITAL CORPORATION, as Second Lien Administrative Agent and Second Lien Collateral Agent, and that certain Second Lien Collateral Agreement, dated as of June 4, 2021 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “Second Lien Collateral Agreement”) among Initial Holdings, the Borrower, the Grantors (as defined in the Second Lien Collateral Agreement) from time to time party thereto and the Second Lien Collateral Agent (together with its successors and assigns). The Lenders have agreed to extend credit to the Borrower subject to the terms and conditions set forth in the Second Lien Credit Agreement. Each Grantor is an Affiliate of the Borrower and is willing to execute and deliver this Agreement in order to induce the Lenders to make additional Loans and as consideration for Loans previously made. Accordingly, the parties hereto agree as follows:

SECTION 1. Terms. Capitalized terms used in this Agreement and not otherwise defined herein have the meanings specified in the Second Lien Credit Agreement and the Second Lien Collateral Agreement, as applicable. The rules of construction specified in Section 1.01(b) of the Second Lien Collateral Agreement also apply to this Agreement.

SECTION 2. Grant of Security Interest. As security for the payment or performance, as the case may be, in full of the Secured Obligations, each Grantor hereby grants to the Second Lien Collateral Agent, its successors and assigns, for the benefit of the Secured Parties, a security interest (the “Security Interest”) in all of such Grantor’s right, title and interest in, to and under all Patents, including those listed on Schedule I attached hereto (the “Patent Collateral”). This Agreement is not to be construed as an assignment of any Patent or Patent application.

SECTION 3. Second Lien Collateral Agreement. Each Grantor hereby acknowledges and affirms that the rights and remedies of the Second Lien Collateral Agent with respect to the Patent Collateral are more fully set forth in the Second Lien Collateral Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this Agreement and the Second Lien Collateral Agreement, the terms of the Second Lien Collateral Agreement shall govern.

SECTION 4. Termination. Subject to Section 5.13 of the Second Lien Collateral Agreement, upon the Termination Date, the security interest granted herein shall automatically

terminate and be released, and the Second Lien Collateral Agent shall execute, acknowledge, and deliver to the Grantors all instruments in writing in recordable form to evidence and release the collateral pledge, grant, assignment, lien and security interest in the Patent Collateral under this Agreement.

SECTION 5. Intercreditor Agreement Governs. Notwithstanding anything herein to the contrary, (i) the Liens and security interests granted to the Second Lien Collateral Agent pursuant to this Agreement are expressly subject and subordinate to the Liens and security interests granted in favor of the Senior Secured Parties (as defined in the First/Second Lien Intercreditor Agreement), including Liens and security interests granted to the First Lien Collateral Agent pursuant to the First Lien Credit Agreement and (ii) the exercise of any right or remedy by the Second Lien Collateral Agent hereunder is subject to the limitations and provisions of the First/Second Lien Intercreditor Agreement and the Second Lien Pari Passu Intercreditor Agreement, if and to the extent applicable and/or in effect. In the event of any conflict between the terms of the First/Second Lien Intercreditor Agreement, the terms of the Second Lien Pari Passu Intercreditor Agreement and the terms of this Agreement, the terms of the First/Second Lien Intercreditor Agreement and the Second Lien Pari Passu Intercreditor Agreement shall govern, as applicable.

SECTION 6. Counterparts. This Agreement may be executed in counterparts (and by different parties hereto on different counterparts), each of which shall constitute an original but all of which when taken together shall constitute a single contract. Delivery of an executed signature page to this Agreement by facsimile or other electronic transmission shall be effective as delivery of a manually signed counterpart of this Agreement.

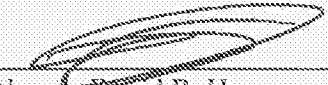
SECTION 7. Governing Law. This Agreement shall be construed in accordance with and governed by the laws of the State of New York.

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IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement
as of the day and year first above written.


CDS BUSINESS MAPPING, LLC, as
Grantor

By


Name: David R. Hayes
Title: Treasurer


CLAREITY SECURITY, LLC, as Grantor

By


Name: David R. Hayes
Title: Treasurer


CORELOGIC CREDCO, LLC, as Grantor

By


Name: David R. Hayes
Title: Treasurer


CORELOGIC DORADO, LLC, as Grantor

By


Name: David R. Hayes
Title: Treasurer

CORELOGIC SOLUTIONS, LLC, as
Grantor


By


Name: David R. Hayes
Title: Treasurer

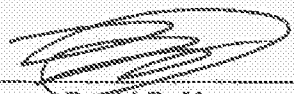
[Signature Page to Second Lien Patent Security Agreement]

PATENT
REEL: 056539 FRAME: 0233

CORELOGIC TAX SERVICES, LLC, as
Grantor

By 
Name: David R. Hayes
Title: Treasurer

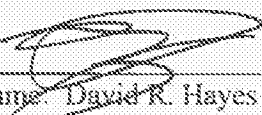
CORELOGIC, INC., as Grantor

By 
Name: David R. Hayes
Title: Treasurer

FNC, INC., as Grantor

By 
Name: David R. Hayes
Title: Treasurer

LOCATION INC. GROUP
CORPORATION, as Grantor

By 
Name: David R. Hayes
Title: Treasurer

[Signature Page to Second Lien Patent Security Agreement]

ARES CAPITAL CORPORATION. as
Second Lien Collateral Agent

By: Penni Roll
Name: Penni Roll
Title: Authorized Signer

Schedule I

U.S. Patents:

Title	App. No.	Patent No.	Status	Current Owner of Record
SYSTEM FOR INCREASING ACCURACY OF GEOCODE DATA	10/877,060	7636901	Granted	CDS Business Mapping, LLC
COMPARING USERS HANDWRITING FOR DETECTING AND REMEDIATING UNAUTHORIZED SHARED ACCESS	14/322,593	9348510	Granted	Clareity Security, LLC
DATA DE-DUPLICATION SYSTEMS AND METHODS	15/617,558	10482079	Granted	CoreLogic Credco, LLC
SUPERVISED MACHINE LEARNING OF DATA DE-DUPLICATION	14/549,177	9697248	Granted	CoreLogic Credco, LLC
DYNAMIC WORKFLOW ARCHITECTURES FOR LOAN PROCESSING	11/278,929	7853464	Granted	CoreLogic Dorado, LLC
DYNAMIC WORKFLOW ARCHITECTURES FOR LOAN PROCESSING	12/966,820	8543436	Granted	CoreLogic Dorado, LLC
PURPOSE-BASED ADAPTIVE RENDERING	11/011,472	7558748	Granted	CoreLogic Dorado, LLC
AUTOMATED MINING AND PROCESSING OF DATA ASSOCIATED WITH REAL ESTATE	12/876,581	8468088	Granted	CoreLogic Solutions, LLC
BUILDING FOOTPRINT EXTRACTION APPARATUS, METHOD AND COMPUTER PROGRAM PRODUCT	13/243,405	9639757	Granted	CoreLogic Solutions, LLC
BUILDING FOOTPRINT EXTRACTION APPARATUS, METHOD AND COMPUTER PROGRAM PRODUCT	15/644,385	10528811	Granted	CoreLogic Solutions, LLC
DATA ANALYTICS MODELS FOR LOAN TREATMENT	13/860,504	8775300	Granted	CoreLogic Solutions, LLC
DATA MINING DATA RECORDS TO DETERMINE NETWORKS AND BOUNDARIES	15/335,291	10726509	Granted	CoreLogic Solutions, LLC
DISPLAYING A FLOOD CHANGE MAP WITH CHANGE DESIGNATORS	11/601,575	8649567	Granted	CoreLogic Solutions, LLC
DOCUMENT MANIFEST AND PUBLICATION IN ASSOCIATION WITH DATASET QUALITY CONTROL	10/989,559	8078512	Granted	CoreLogic Solutions, LLC
ELECTRONIC CLOSING	10/730,266	8571973	Granted	CoreLogic Solutions, LLC
GIS-BASED RAPID POPULATION ASSESSMENT TOOL	10/784,325	7844417	Granted	CoreLogic Solutions, LLC

Title	App. No.	Patent No.	Status	Current Owner of Record
IMAGE METADATA ENRICHMENT GENERATOR	15/018,664	10204116	Granted	CoreLogic Solutions, LLC
METHOD AND APPARATUS FOR ADVANCED MORTGAGE DIAGNOSTIC ANALYTICS	11/135,778	7853518	Granted	CoreLogic Solutions, LLC
METHOD AND APPARATUS FOR DETECTING FRAUDULENT LOANS	11/623,020	8612320	Granted	CoreLogic Solutions, LLC
METHOD AND APPARATUS FOR PREDICTING OUTCOMES OF A HOME EQUITY LINE OF CREDIT	11/772,545	7958048	Granted	CoreLogic Solutions, LLC
METHOD AND APPARATUS FOR TESTING AUTOMATED VALUATION MODELS	11/007,750	8001024	Granted	CoreLogic Solutions, LLC
METHOD AND APPARATUS FOR TESTING AUTOMATED VALUATION MODELS	13/182,289	8370239	Granted	CoreLogic Solutions, LLC
METHOD AND APPARATUS FOR VALIDATING AN APPRAISAL REPORT AND PROVIDING AN APPRAISAL SCORE	11/771,114	9031881	Granted	CoreLogic Solutions, LLC
METHOD AND SYSTEM FOR MONITORING FOR AND REPORTING OF LIEN DISTRESS EVENTS	11/499,401	7747520	Granted	CoreLogic Solutions, LLC
METHOD AND SYSTEM FOR MONITORING FOR AND REPORTING OF LIEN DISTRESS EVENTS	12/783,093	7904383	Granted	CoreLogic Solutions, LLC
METHOD AND SYSTEM FOR UPDATING A LOAN PORTFOLIO WITH INFORMATION ON SECONDARY LIENS	11/499,341	7809635	Granted	CoreLogic Solutions, LLC
METHOD AND SYSTEM FOR UPDATING A LOAN PORTFOLIO WITH INFORMATION ON SECONDARY LIENS	12/871,782	7873570	Granted	CoreLogic Solutions, LLC
METHOD FOR MORTGAGE FRAUD DETECTION	10/713,348	7599882	Granted	CoreLogic Solutions, LLC
METHODS AND SYSTEMS OF PREDICTING MORTGAGE PAYMENT RISK	12/246,407	7966256	Granted	CoreLogic Solutions, LLC
METHODS AND SYSTEMS OF PREDICTING MORTGAGE PAYMENT RISK	13/162,517	8065234	Granted	CoreLogic Solutions, LLC
PARCEL DATA ACQUISITION AND PROCESSING	11/999,319	7890509	Granted	CoreLogic Solutions, LLC
PARCEL DATA ACQUISITION AND PROCESSING	13/012,310	8078594	Granted	CoreLogic Solutions, LLC
PERSONA-BASED APPLICATION PLATFORM	15/436,629	10789571	Granted	CoreLogic Solutions, LLC

Title	App. No.	Patent No.	Status	Current Owner of Record
SYSTEM AND METHOD FOR ENHANCING THE NORMALIZATION OF PARCEL DATA	14/035,978	9298740	Granted	CoreLogic Solutions, LLC
SYSTEM AND METHOD FOR LINKING DATA RECORDS FOR PARCELS	14/713,663	10248731	Granted	CoreLogic Solutions, LLC
SYSTEM AND METHOD FOR MONITORING EVENTS ASSOCIATED WITH A PERSON OR PROPERTY	11/677,535	7747521	Granted	CoreLogic Solutions, LLC
SYSTEM AND METHOD FOR MONITORING EVENTS ASSOCIATED WITH A PERSON OR PROPERTY	12/780,247	7835986	Granted	CoreLogic Solutions, LLC
SYSTEM AND METHOD FOR TRACKING, MONITORING AND REPORTING EXTINGUISHMENT OF A TITLE INSURANCE POLICY	12/166,051	8015037	Granted	CoreLogic Solutions, LLC
SYSTEM AND METHOD FOR TRACKING, MONITORING AND REPORTING EXTINGUISHMENT OF A TITLE INSURANCE POLICY	13/194,502	8548831	Granted	CoreLogic Solutions, LLC
SYSTEM AND METHOD OF DETECTING AND ASSESSING MULTIPLE TYPES OF RISKS RELATED TO MORTGAGE LENDING	12/687,098	8489499	Granted	CoreLogic Solutions, LLC
SYSTEM AND METHOD OF DETECTING AND ASSESSING MULTIPLE TYPES OF RISKS RELATED TO MORTGAGE LENDING	13/933,568	8639618	Granted	CoreLogic Solutions, LLC
SYSTEM AND METHOD OF DETECTING FRAUD	11/543,271	7668769	Granted	CoreLogic Solutions, LLC
SYSTEM AND METHOD OF DETECTING MORTGAGE RELATED FRAUD	11/526,208	7587348	Granted	CoreLogic Solutions, LLC
SYSTEM AND METHOD OF DETECTING MORTGAGE RELATED FRAUD	12/538,721	8121920	Granted	CoreLogic Solutions, LLC
SYSTEM FOR PERFORMING REAL-ESTATE TRANSACTIONS OVER A COMPUTER NETWORK USING PARTICIPANT TEMPLATES	09/861,282	7343348	Granted	CoreLogic Solutions, LLC
SYSTEM, METHOD AND COMPUTER PROGRAM STORAGE DEVICE FOR DETECTING SHORT SALE FRAUD	13/231,579	8498929	Granted	CoreLogic Solutions, LLC
SYSTEMS AND METHODS FOR FACILITATING FINANCIAL TRANSACTIONS INVOLVING BUNDLES OF PROPERTIES	13/031,148	8628151	Granted	CoreLogic Solutions, LLC
SYSTEMS AND METHODS FOR FLOOD AREA CHANGE DETECTION	11/601,574	8542884	Granted	CoreLogic Solutions, LLC

Title	App. No.	Patent No.	Status	Current Owner of Record
SYSTEMS AND METHODS FOR FLOOD RISK ASSESSMENT	11/974,911	7917292	Granted	CoreLogic Solutions, LLC
SYSTEMS AND METHODS FOR QUANTIFYING FLOOD RISK	12/027,096	8655595	Granted	CoreLogic Solutions, LLC
SYSTEMS AND METHODS FOR QUANTIFYING FLOOD RISK	14/179,018	9213994	Granted	CoreLogic Solutions, LLC
SYSTEMS AND METHODS FOR TRACKING PARCEL DATA ACQUISITION	11/999,267	8538918	Granted	CoreLogic Solutions, LLC
SYSTEMS AND METHODS FOR TRACKING PARCEL DATA ACQUISITION	13/961,369	9105070	Granted	CoreLogic Solutions, LLC
SYSTEMS AND METHODS FOR TRACKING PARCEL DATA ACQUISITION	14/201,191	9070176	Granted	CoreLogic Solutions, LLC
SYSTEMS AND METHODS FOR TRACKING PARCEL DATA ACQUISITION	14/716,471	9754334	Granted	CoreLogic Solutions, LLC
UPDATING A DATABASE WITH DETERMINED CHANGE IDENTIFIERS	11/601,448	8077927	Granted	CoreLogic Solutions, LLC
DATA ANALYTICS MODELS FOR LOAN TREATMENT	12/771,922	8458074	Granted	CoreLogic Solutions, LLC.
AUTOMATIC DELINQUENCY ITEM PROCESSING WITH CUSTOMIZATION FOR LENDERS	12/651,137	8224745	Granted	CoreLogic Tax Services, LLC
AUTOMATIC DATA VALIDATION AND CORRECTION	12/967,471	8468167	Granted	CoreLogic, Inc.
DATA EXTRACTION CONFIDENCE ATTRIBUTE WITH TRANSFORMATIONS	13/180,068	8676731	Granted	CoreLogic, Inc.
BROKER PRICE OPINION EVALUATION AND SCORING SYSTEM AND METHOD	13/572,863	8688494	Granted	FNC, Inc.
METHOD FOR ANALYZING DEMOGRAPHIC DATA	10/329,179	7043501	Granted	Location Inc. Group Corporation
METHOD FOR ANALYZING DEMOGRAPHIC DATA	11/331,262	7680859	Granted	Location Inc. Group Corporation
METHOD FOR ANALYZING DEMOGRAPHIC DATA	12/720,817	8849808	Granted	Location Inc. Group Corporation
SYSTEM FOR THE NORMALIZATION OF SCHOOL PERFORMANCE STATISTICS	12/437,828	8376755	Granted	Location Inc. Group Corporation
Comparing Users Handwriting for Detecting and Remediating Unauthorized Shared Access	14/322,593	9348510	Granted	Clareity Security, LLC
System for Increasing Accuracy of Geocode Data	10/877,060	7636901	Granted	CDS Business Mapping, LLC

U.S. Patent Applications:

Title	App. No.	Status	Current Owner of Record
COMPUTER-BASED IDENTIFICATION AND VALIDATION OF DATA ASSOCIATED WITH REAL ESTATE PROPERTIES	16/281,919	Pending	CoreLogic Solutions, LLC
IMAGE METADATA ENRICHMENT GENERATOR	16/223,680	Pending	CoreLogic Solutions, LLC
PHISHING DETECTION AND TARGETED REMEDIATION SYSTEM AND METHOD	16/516,727	Pending	CoreLogic Solutions, LLC
SYSTEM AND METHOD FOR LINKING DATA RECORDS FOR PARCELS	16/370,686	Pending	CoreLogic Solutions, LLC
SYSTEM, COMPUTER PROGRAM PRODUCT AND METHOD FOR RISK EVALUATION OF API LOGIN AND USE	16/559,289	Pending	CoreLogic Solutions, LLC
SYSTEM, COMPUTER PROGRAM PRODUCT AND METHOD FOR USING A CONVOLUTION NEURAL NETWORK TO AUTO-DETERMINE A FLOOR HEIGHT AND FLOOR HEIGHT ELEVATION OF A BUILDING	16/864,342	Pending	CoreLogic Solutions, LLC
COMPUTER-BASED CONTROL OF TIMING WITH WHICH PROPERTY REVIEW ORDERS ARE PROCESSED	15/365,777	Pending	CoreLogic Solutions, LLC