

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6754847

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BRADLEY STEPHEN DAILY	05/19/2021
JACOB DAVIDSON	06/01/2021
LARA ADRIAN HERCULES	06/04/2021
STEPHANIE COLEMAN	06/06/2021
ALEXANDRA GRACE KELLY	06/07/2021
NATALIE IRENE UNG	06/09/2021
RECEIVING PARTY DATA	
Name:	THE ROCKET SCIENCE GROUP LLC
Street Address:	675 PONCE DE LEON AVE NE
Internal Address:	SUITE 5000
City:	ATLANTA
State/Country:	GEORGIA
Postal Code:	30306
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17316635
CORRESPONDENCE DATA	
Fax Number:	(404)365-9532
<i>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.</i>	
Phone:	404-233-7000
Email:	ipdocket@mmmlaw.com
Correspondent Name:	MORRIS, MANNING & MARTIN, LLP IP DEPARTM
Address Line 1:	3343 PEACHTREE ROAD, NE
Address Line 2:	1600 ATLANTA FINANCIAL CENTER
Address Line 4:	ATLANTA, GEORGIA 30326
ATTORNEY DOCKET NUMBER:	23860-141847
NAME OF SUBMITTER:	KIMMYANN P. BILLINGS
SIGNATURE:	/Kimmy-Ann P. Billings/
DATE SIGNED:	06/10/2021

PATENT

Total Attachments: 37

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ASSIGNMENT

THIS ASSIGNMENT is made by **Bradley Stephen Daily**, residing at 302 2nd Street, Apartment 5A, Brooklyn, New York 11215; **Jacob Davidson**, residing at 1475 Highland Avenue NE, Atlanta, Georgia 30306; **Lara Adrian Hercules**, residing at 2478 Circlewood Road NE, Atlanta, Georgia 30345; **Stephanie Coleman**, residing at 140 E 2nd Street, #6M, Brooklyn, New York 11218; **Alexandra Grace Kelly**, 2712 Oak Village Trail, Decatur, Georgia 30032; and **Natalie Irene Ung**, residing at 1043 Manhattan Avenue, Apartment 3, Brooklyn, New York 11222 (hereinafter referred to as “Assignors”).

WHEREAS, Assignors have invented certain new and useful inventions and improvements in **“GENERATING AND MODIFYING CONTENT USING DATA STRUCTURES”**, set forth in a Non-Provisional application for Letters Patent of the United States, filed on May 10, 2021, as U.S. Application No. 17/316,635; International Patent Application No. PCT/US2021/31654, filed on May 10, 2021 (hereinafter referred to as the “Applications”); and

WHEREAS, **The Rocket Science Group LLC**, a limited liability company organized under and pursuant to the laws of the State of Georgia, having its principal place of business at 675 Ponce de Leon Ave NE, Suite 5000, Atlanta, Georgia 30306 (hereinafter referred to as “Assignee”), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and Application, and in and to any and all direct and indirect divisions, non-provisional applications, continuations and continuations-in-part of said Application, and any and all Letters Patent in the United States and all foreign countries which

may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and Application, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of the Application and any Letters Patent issuing therefrom for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Application, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of the Application, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors warrant and represent that the Assignors individually are not aware of any information that is material to patentability of the above-mentioned inventions, namely, any information that, alone or in combination with other information, establishes on its face the

Atty Docket No. 23860-141847

unpatentability of the inventions or is inconsistent with arguments of patentability made to the U.S. Patent & Trademark Office. Material information may include devices, products, publications, and so forth, that are similar to the present inventions, and/or any public disclosure, commercial use, or offer for sale more than one year prior to the filing date of the Application.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

MORRIS, MANNING & MARTIN, LLP

All practitioners at Customer Number 24728

[Signatures are on following pages.]

DocuSign by:
Bradley Stephen DALLU
159908EAF38743A

Notary Public

Atty Docket No. 23860-141847

IN TESTIMONY WHEREOF, I have hereunto set my hand this 6/1/2021 day of 6/1/2021, 2021.

DocuSigned by:
Jacob Davidson
FA02BBC9840E4FD...

JACOB DAVIDSON

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, 2021, before me personally appeared **JACOB DAVIDSON** known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

Atty Docket No. 23860-141847

IN TESTIMONY WHEREOF, I have hereunto set my hand this 6/4/2021 day of
6/4/2021, 2021.

DocuSigned by:
Lara Adrian Hercules
AA3E7A0F0ECC45E

LARA ADRIAN HERCULES

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, 2021, before me personally appeared **LARA ADRIAN HERCULES** known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

DocuSigned by:
Stephanie COLEMAN
14EB5A81F22A42C..

PATENT
REEL: 056540 FRAME: 0067

ASSIGNMENT

THIS ASSIGNMENT is made by **Bradley Stephen Daily**, residing at 302 2nd Street, Apartment 5A, Brooklyn, New York 11215; **Jacob Davidson**, residing at 1475 Highland Avenue NE, Atlanta, Georgia 30306; **Lara Adrian Hercules**, residing at 2478 Circlewood Road NE, Atlanta, Georgia 30345; **Stephanie Coleman**, residing at 140 E 2nd Street, #6M, Brooklyn, New York 11218; **Alexandra Grace Kelly**, 2712 Oak Village Trail, Decatur, Georgia 30032; and **Natalie Irene Ung**, residing at 1043 Manhattan Avenue, Apartment 3, Brooklyn, New York 11222 (hereinafter referred to as “Assignors”).

WHEREAS, Assignors have invented certain new and useful inventions and improvements in **“GENERATING AND MODIFYING CONTENT USING DATA STRUCTURES”**, set forth in a Non-Provisional application for Letters Patent of the United States, filed on 10 May 2021, as U.S. Application No. 17/316,635, hereinafter referred to as the “Application”); and

WHEREAS, **The Rocket Science Group LLC**, a limited liability company organized under and pursuant to the laws of the State of Georgia, having its principal place of business at 675 Ponce de Leon Ave NE, Suite 5000, Atlanta, Georgia 30306 (hereinafter referred to as “Assignee”), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and Application, and in and to any and all direct and indirect divisions, non-provisional applications, continuations and continuations-in-part of said Application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and

extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and Application, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of the Application and any Letters Patent issuing therefrom for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Application, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of the Application, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors warrant and represent that the Assignors individually are not aware of any information that is material to patentability of the above-mentioned inventions, namely, any information that, alone or in combination with other information, establishes on its face the

Atty Docket No. 23860-141847

unpatentability of the inventions or is inconsistent with arguments of patentability made to the U.S. Patent & Trademark Office. Material information may include devices, products, publications, and so forth, that are similar to the present inventions, and/or any public disclosure, commercial use, or offer for sale more than one year prior to the filing date of the Application.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

MORRIS, MANNING & MARTIN, LLP

All practitioners at Customer Number 24728

[Signatures are on following pages.]

BRADLEY STEPHEN DAILY

Notary Public

LARA ADRIAN HERCULES

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 6/7/2021 day of June, 2021.

DocuSigned by:
Alexandra Kelly
22A130F08A0138E

ALEXANDRA GRACE KELLY

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, 2021, before me
personally appeared **ALEXANDRA GRACE KELLY** known to me to be the person described
in and who executed the foregoing instrument, and he duly acknowledged to me that he executed
the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

Atty Docket No. 23860-141847

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 20____.

_____, 2021.

NATALIE IRENE UNG

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, 2021, before me personally appeared **NATALIE IRENE UNG** known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

Atty Docket No. 23860-141847

ASSIGNEE:

_____ day of _____, 2021

Name:

Title:

The Rocket Science Group LLC

STATE OF _____)
) ss.

COUNTY OF _____)

On this _____ day of _____, 2021, the foregoing
instrument was acknowledged before me by _____ of **The Rocket Science
Group LLC**, on behalf of the company. He/she is personally known to me or has produced
identification.

[SEAL]

Notary Public

ASSIGNMENT

THIS ASSIGNMENT is made by **Bradley Stephen Daily**, residing at 302 2nd Street, Apartment 5A, Brooklyn, New York 11215; **Jacob Davidson**, residing at 1475 Highland Avenue NE, Atlanta, Georgia 30306; **Lara Adrian Hercules**, residing at 2478 Circlewood Road NE, Atlanta, Georgia 30345; **Stephanie Coleman**, residing at 140 E 2nd Street, #6M, Brooklyn, New York 11218; **Alexandra Grace Kelly**, 2712 Oak Village Trail, Decatur, Georgia 30032; and **Natalie Irene Ung**, residing at 99 Jewel St. Apt. 1R, Brooklyn, New York 11222 (hereinafter referred to as “Assignors”).

WHEREAS, Assignors have invented certain new and useful inventions and improvements in **“GENERATING AND MODIFYING CONTENT USING DATA STRUCTURES”**, set forth in a Non-Provisional application for Letters Patent of the United States, filed on May 10, 2021, as U.S. Application No. 17/316,635; International Patent Application No. PCT/US2021/31654, filed on May 10, 2021 (hereinafter referred to as the “Applications”); and

WHEREAS, **The Rocket Science Group LLC**, a limited liability company organized under and pursuant to the laws of the State of Georgia, having its principal place of business at 675 Ponce de Leon Ave NE, Suite 5000, Atlanta, Georgia 30306 (hereinafter referred to as “Assignee”), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and Application, and in and to any and all direct and indirect divisions, non-provisional applications, continuations and continuations-in-part of said Application, and any and all Letters Patent in the United States and all foreign

countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and Application, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of the Application and any Letters Patent issuing therefrom for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Application, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of the Application, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors warrant and represent that the Assignors individually are not aware of any information that is material to patentability of the above-mentioned inventions, namely, any

Atty Docket No. 23860-141847

information that, alone or in combination with other information, establishes on its face the unpatentability of the inventions or is inconsistent with arguments of patentability made to the U.S. Patent & Trademark Office. Material information may include devices, products, publications, and so forth, that are similar to the present inventions, and/or any public disclosure, commercial use, or offer for sale more than one year prior to the filing date of the Application.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

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MORRIS, MANNING & MARTIN, LLP

All practitioners at Customer Number 24728

[Signatures are on following pages.]

BRADLEY STEPHEN DAILY

Notary Public

JACOB DAVIDSON

Notary Public

LARA ADRIAN HERCULES

Notary Public

STEPHANIE COLEMAN

Notary Public

Atty Docket No. 23860-141847

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2021.

ALEXANDRA GRACE KELLY

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, 2021, before me personally appeared **ALEXANDRA GRACE KELLY** known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 6/9/2021 day of 6/9/2021, 2021.

DocuSigned by:

Natalie Irene Ung

E418C17895CB4E8

NATALIE IRENE UNG

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, 2021, before me
personally appeared **NATALIE IRENE UNG** known to me to be the person described in and
who executed the foregoing instrument, and he duly acknowledged to me that he executed the
same for the uses and purposes therein set forth.

[SEAL]

Notary Public

Atty Docket No. 23860-141847

ASSIGNEE:

_____ day of _____, 2021

Name:

Title:

The Rocket Science Group LLC

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, 2021, the foregoing
instrument was acknowledged before me by _____ of **The Rocket Science
Group LLC**, on behalf of the company. He/she is personally known to me or has produced
identification.

[SEAL]

Notary Public

ASSIGNMENT

THIS ASSIGNMENT is made by **Bradley Stephen Daily**, residing at 302 2nd Street, Apartment 5A, Brooklyn, New York 11215; **Jacob Davidson**, residing at 1475 Highland Avenue NE, Atlanta, Georgia 30306; **Lara Adrian Hercules**, residing at 2478 Circlewood Road NE, Atlanta, Georgia 30345; **Stephanie Coleman**, residing at 140 E 2nd Street, #6M, Brooklyn, New York 11218; **Alexandra Grace Kelly**, 2712 Oak Village Trail, Decatur, Georgia 30032; and **Natalie Irene Ung**, residing at 1043 Manhattan Avenue, Apartment 3, Brooklyn, New York 11222 (hereinafter referred to as “Assignors”).

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extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

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MORRIS, MANNING & MARTIN, LLP

All practitioners at Customer Number 24728

[Signatures are on following pages.]

Atty Docket No. 23860-141847

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2010.

BRADLEY STEPHEN DAILY

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, 2021, before me personally appeared **BRADLEY STEPHEN DAILY** known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

LARA ADRIAN HERCULES

Notary Public

STEPHANIE COLEMAN

Notary Public

Atty Docket No. 23860-141847

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2021.

ALEXANDRA GRACE KELLY

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, 2021, before me personally appeared **ALEXANDRA GRACE KELLY** known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

Atty Docket No. 23860-141847

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____

_____, 2021.

NATALIE IRENE UNG

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, 2021, before me personally appeared **NATALIE IRENE UNG** known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

Atty Docket No. 23860-141847

ASSIGNEE:

6/9/2021 _____ 6/9/2021
_____ day of _____, 2021

DocuSigned by:

Tara S.G. Sharp

780E79AC8ABC451

Name: Tara S.G. Sharp

Title: Associate General Counsel, VP of Legal

The Rocket Science Group LLC

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, 2021, the foregoing
instrument was acknowledged before me by _____ of **The Rocket Science
Group LLC**, on behalf of the company. He/she is personally known to me or has produced
identification.

[SEAL]

Notary Public