PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT7387212

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE ENTITY TYPE previously recorded on Reel 057642 Frame 0647. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
ROBERT GEORGE CHRISTIE	09/27/2021
JONATHAN EDWARD HOYT HAYDEN	09/27/2021
MICHAEL ALBERT VEZZA	09/27/2021
JAMES RYAN PSOTA	09/29/2021

RECEIVING PARTY DATA

Name:	S&P GLOBAL INC.
Street Address:	55 WATER STREET
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10041

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	17449355		

CORRESPONDENCE DATA

Fax Number: (972)385-7766

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.

(972) 385-8777 Phone:

Email: ptonotifs@yeeiplaw.com

Correspondent Name: DUKE W. YEE

Address Line 1: YEE & ASSOCIATES, P.C.

Address Line 2: P.O. BOX 6669

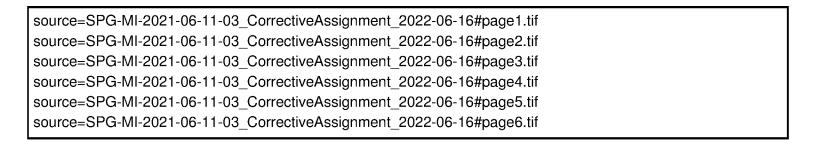
Address Line 4: MCKINNEY, TEXAS 75071

ATTORNEY DOCKET NUMBER:	SPG-MI-2021-06-11-03
NAME OF SUBMITTER:	CHRISTOPHER P. O'HAGAN
SIGNATURE:	/Christopher P. O'Hagan/
DATE SIGNED:	06/16/2022

Total Attachments: 6

PATENT REEL: 060542 FRAME: 0794

507340290



PATENT REEL: 060542 FRAME: 0795 United States Patent and Trademark Office

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Electronic Patent Assignment System

Confirmation Receipt

Your assignment has been received by the USPTO. The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT COVER SHEE	HEET	\mathbf{SH}	VER	::O\	` (VТ	H	IN	(÷N	S١	155	`A	ATENT	PΑ
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Electronic Version v1.1

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT GEORGE CHRISTIE	09/27/2021
JONATHAN EDWARD HOYT HAYDEN	09/27/2021
MICHAEL ALBERT VEZZA	09/27/2021
JAMES RYAN PSOTA	09/29/2021

RECEIVING PARTY DATA

	S&P GLOBAL
A	55 WATER STREET
	NEW YORK
1	NEW YORK
Postal Code:	10041

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17449355

CORRESPONDENCE DATA

 Fax Number:
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 Phone:
 (972) 385-8777

 Email:
 ptonotifs@yeeiplaw.com

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number, if provided; if that is unsuccessful, it will be sent via US Mail.

Correspondent Name: DUKE W. YEE

Address Line 1: YEE & ASSOCIATES, P.C.

Address Line 2: P.O. BOX 6669

Address Line 4: MCKINNEY, TEXAS 75071

ATTORNEY DOCKET
NUMBER:SPG-MI-2021-06-11-03NAME OF SUBMITTER:CHRISTOPHER P. O'HAGANSignature:/Christopher P. O'Hagan/Date:09/29/2021

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Total Attachments: 4
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RECEIPT INFORMATION

EPAS ID: PAT6943151
Receipt Date: 09/29/2021
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PATENT REEL: 060542 FRAME: 0797

DOCKET NUMBER: SPG-MI-2021-06-11-03

DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT

Title of Invention: WEIGHTED SUPPLY CHAIN CORPORATE HIERARCHY INTERFACE

Title of invention: WEIGHTED SUPPLY CHAIN CORPORATE HIERARCHY INTERCACE
As a below named and undersigned inventor, I hereby declare that:
This declaration is directed to the attached application, or (if following box is checked):
[] United States application or PCT international application number filed on
The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, I ("ASSIGNOR") have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the S&P Global Docket Number provided above in the header of this document;

Inc. CPO 4/22/22
Whereas, S&P Global (herein referred to as the "ASSIGNEE"), a corporation of Delaware having a place of business at 55 Water Street New York, New York 10041, desires to acquire, and I desire to grant to the ASSIGNEE, my entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged. I hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all provisionals, divisionals, continuations, continuations-in-part, reissues, reexaminations, renewals, extensions, counterparts. substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, I hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by me had this Assignment not been made; and I agree to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

Page 1 of 2

REEL: 060542 FRAME: 0798

I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and am unaware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer my rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict herewith. I also hereby grant the ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of Delaware, and any disputes will be resolved in a Delaware state court or federal court sited in Delaware.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

(1) Legal Name of Inventor: Robert George Christie	
Signature: Robert Audio	Dat <u>e:</u> 9/27/2021
(2) Legal Name of Inventor: Jonathan Edward Hoyt Hayder	n
Signature: DEHA	Dat <u>e</u> 9/27/2021
(3) Legal Name of Inventor: Michael Albert Vezza	
Signature: Milkel St. log-	Dat <u>e</u> 9/27/2021
(4) Legal Name of Inventor: James Ryan Psota	
Signature:	Date:

Page 2 of 2

PATENT REEL: 060542 FRAME: 0799

DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT

Title of Invention: WEIGHTED SUPPLY CHAIN CORPORATE HIERARCHY INTERFACE

Title of I	evention: WEIGHTED SUPPLY CHAIR COID ORATE HEADER
As a belo	w named and undersigned inventor, I hereby declare that:
This decl	aration is directed to the attached application, or (if following box is checked):
[] United	States application or PCT international application number filed on
The above	identified application was made or authorized to be made by me.
I believe t	hat I am the original inventor or an original joint inventor of a claimed invention in the

I have reviewed and understand the contents of the application, including the claims.

application.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, I ("ASSIGNOR") have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the S&P Global Docket Number provided above in the header of this document;

The. CPO 4/22/22
Whereas, S&P Global (herein referred to as the "ASSIGNEE"), a corporation of Delaware having a place of business at 55 Water Street New York, New York 10041, desires to acquire, and I desire to grant to the ASSIGNEE, my entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged. I hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all provisionals, divisionals, continuations, continuations-in-part, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, I hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by me had this Assignment not been made; and I agree to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

Page 1 of 2

REEL: 060542 FRAME: 0800

I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and am unaware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer my rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict herewith. I also hereby grant the ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of Delaware, and any disputes will be resolved in a Delaware state court or federal court sited in Delaware.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

(1) Legal Name of Inventor:	Robert George Christie		
Signature:		Date:	
(2) Legal Name of Inventor:	Jonathan Edward Hoyt Hayden		
Signature:		Date:	
(3) Legal Name of Inventor:	Michael Albert Vezza		
Signature:		Date:	
(4) Legal Name of Inventor:	James Ryan Psota		
Signature:	~ Pyr 200	Date:	9/29/202

Page 2 of 2

PATENT REEL: 060542 FRAME: 0801

RECORDED: 06/16/2022