

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT8234461

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DIMITAR IVANOV PETROV	10/19/2023
NIKOLA ALEKSANDROV YANKOV	10/19/2023
DIMITAR HRISTOV SUVANDZHIEV	10/18/2023
IVAN DIMITROV PETROV	10/19/2023
KAZUYA ICHIEDA	10/18/2023
RANDY COMBS	10/18/2023
GEORG MALINA	10/23/2023
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KYOWA EUROPE GMBH
<b>Street Address:</b>	MOLTKESTRASSE 44A
<b>City:</b>	LEICHLINGEN
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	42799
<b>Name:</b>	INDUSTRIAL SOFTWARE
<b>Street Address:</b>	JK. BUKSTON, BL. 10
<b>City:</b>	SOFIA
<b>State/Country:</b>	BULGARIA
<b>Postal Code:</b>	1618
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	18485686
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(815)654-5770
<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>	
<b>Phone:</b>	8156335300
<b>Email:</b>	rockmail@reinhardtllaw.com
<b>Correspondent Name:</b>	REINHART BOERNER VAN DEUREN P.C.
<b>Address Line 1:</b>	2215 PERRYGREEN WAY
<b>Address Line 4:</b>	ROCKFORD, ILLINOIS 61107

<b>ATTORNEY DOCKET NUMBER:</b>	513099
<b>NAME OF SUBMITTER:</b>	NICHOLAS A. BECHER
<b>SIGNATURE:</b>	/Nicholas A. Becher/
<b>DATE SIGNED:</b>	10/23/2023
<b>Total Attachments: 8</b> source=513099 Assignment#page1.tif source=513099 Assignment#page2.tif source=513099 Assignment#page3.tif source=513099 Assignment#page4.tif source=513099 Assignment#page5.tif source=513099 Assignment#page6.tif source=513099 Assignment#page7.tif source=513099 Assignment#page8.tif	

Reinhart Boerner Van Deuren P.C.  
Attorneys at Law  
2215 Perrygreen Way  
Rockford, Illinois 61107

## ASSIGNMENT

WHEREAS, WE, Dimitar Ivanov Petrov, 45 Lokorska str., 1225 Sofia, Bulgaria, Nikola Aleksandrov Yankov, 44 Lyuben Karavelov str., 1142 Sofia, Bulgaria, Dimitar Hristov Suvandzhiev, kv. Mladost 1, Bl. 32, 1750 / 1784 Sofia, Bulgaria, Ivan Dimitrov Petrov, 45 Lokorska str., 1225 Sofia, Bulgaria, Kazuya Ichieda, 102, 3 chome, Jiyugaoka-honmachi, 673-0424 Miki city, Hyogo Prefecture, Japan, Randy Combs, 9500 East Bend Road, Burlington, Kentucky, 41005 USA, and Georg Malina, Hans-Sachs-Straße 53, 40237 Düsseldorf, Germany have invented and own a certain invention entitled:

### CONVEYOR SYSTEM, MOTOR ROLLER CONTROLLER AND METHOD FOR OPERATING A CONVEYOR SYSTEM

for which invention we have executed an application (provisional or non-provisional) for a United States patent, which was filed on October 12, 2023 , under Application No. 18/485,686 , and

WHEREAS, Kyowa Europe GmbH, of Molkestraße 44a, 42799 Leichlingen, Germany, and Industrial Software, jk. Bukston, BL. 10, 1618 Sofia, Bulgaria (hereinafter referred to as Assignees), is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the application for Letters Patent.

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignees and the Assignees' legal representatives, successors and assigns the full and exclusive rights in and to the invention in the United States and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, renewals, and extensions) that may be filed in the United States and every foreign country on the invention, and the patents or extensions thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue United States patents to the above-mentioned Assignees agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the above-mentioned Assignees to insert in this assignment document the filing date and serial number of the application if the date and number are unavailable at the time this document is executed.

UPON SAID CONSIDERATION, we convey to the Assignees the right to make application in its own behalf for protection of the invention in countries foreign to the United States and to claim under the International Convention and/or other international arrangement for any such application the date of the United States application (or any other application on the invention) to gain priority with respect to other applications.

WE DO HEREBY COVENANT and agree with the Assignees that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but

50577006

In re Appln. of: Dimitar Ivanov Petrov et al.  
Attorney Docket No.: 513099

at the expense of the Assignees, execute such additional assignments and other writings and do such additional acts as the Assignees may deem necessary or desirable to perfect the Assignees' enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, renewal, or extended patents of the United States or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

19.10.2023  
Date

Dimitar Ivanov Petrov

19.10.2023  
Date

Nikola Aleksandrov Yankov

18.10.2023  
Date

Dimitar Hristov Savandzhiev

18.10.2023  
Date

Ivan Dimitrov Petrov

\_\_\_\_\_  
Date

Kazuya Ichieda

\_\_\_\_\_  
Date

Randy Combs

\_\_\_\_\_  
Date

Georg Malina

50577006

Reinhart Boerner Van Deuren P.C.  
Attorneys at Law  
2215 Perrygreen Way  
Rockford, Illinois 61107

## ASSIGNMENT

**WHEREAS, WE,** Dimitar Ivanov Petrov, 45 Lokorska str., 1225 Sofia, Bulgaria, Nikola Aleksandrov Yankov, 44 Lyuben Karavelov str., 1142 Sofia, Bulgaria, Dimitar Hristov Suvandzhiev, kv. Mladost 1, Bl. 32, 1750 / 1784 Sofia, Bulgaria, Ivan Dimitrov Petrov, 45 Lokorska str., 1225 Sofia, Bulgaria, Kazuya Ichieda, 102, 3 chome, Jiyugaoka-honmachi, 673-0424 Miki city, Hyogo Prefecture, Japan, Randy Combs, 9500 East Bend Road, Burlington, Kentucky, 41005 USA, and Georg Malina, Hans-Sachs-Straße 53, 40237 Düsseldorf, Germany have invented and own a certain invention entitled:

### **CONVEYOR SYSTEM, MOTOR ROLLER CONTROLLER AND METHOD FOR OPERATING A CONVEYOR SYSTEM**

for which invention we have executed an application (provisional or non-provisional) for a United States patent, which was filed on October 12, 2023 , under Application No. 18/485,686 , and

**WHEREAS,** Kyowa Europe GmbH, of Moltkestraße 44a, 42799 Leichlingen, Germany, and Industrial Software, jk. Bukston, BL. 10, 1618 Sofia, Bulgaria (hereinafter referred to as Assignees), is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the application for Letters Patent.

**NOW, THEREFORE,** for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignees and the Assignees' legal representatives, successors and assigns the full and exclusive rights in and to the invention in the United States and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, renewals, and extensions) that may be filed in the United States and every foreign country on the invention, and the patents or extensions thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue United States patents to the above-mentioned Assignees agreeably with the terms of this assignment document.

**WE HEREBY AUTHORIZE** the above-mentioned Assignees to insert in this assignment document the filing date and serial number of the application if the date and number are unavailable at the time this document is executed.

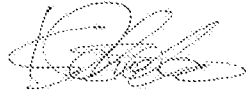
**UPON SAID CONSIDERATION,** we convey to the Assignees the right to make application in its own behalf for protection of the invention in countries foreign to the United States and to claim under the International Convention and/or other international arrangement for any such application the date of the United States application (or any other application on the invention) to gain priority with respect to other applications.

**WE DO HEREBY COVENANT** and agree with the Assignees that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but

In re Appln. of: Dimitar Ivanov Petrov et al.  
Attorney Docket No.: 513099

at the expense of the Assignees, execute such additional assignments and other writings and do such additional acts as the Assignees may deem necessary or desirable to perfect the Assignees' enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, renewal, or extended patents of the United States or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

**IN WITNESS WHEREOF**, we have hereunder set our hands on the dates shown below.

_____ Date	_____ Dimitar Ivanov Petrov
_____ Date	_____ Nikola Aleksandrov Yankov
_____ Date	_____ Dimitar Hristov Suvandzhiev
_____ Date	_____ Ivan Dimitrov Petrov
Oct 18, 2023	
_____ Date	_____ Kazuya Ichieda
_____ Date	_____ Randy Combs
_____ Date	_____ Georg Malina

50577006

Reinhart Boerner Van Deuren P.C.  
Attorneys at Law  
2215 Perrygreen Way  
Rockford, Illinois 61107

## **ASSIGNMENT**

**WHEREAS, WE**, Dimitar Ivanov Petrov, 45 Lokorska str., 1225 Sofia, Bulgaria, Nikola Aleksandrov Yankov, 44 Lyuben Karavelov str., 1142 Sofia, Bulgaria, Dimitar Hristov Suvandzhiev, kv. Mladost 1, Bl. 32, 1750 / 1784 Sofia, Bulgaria, Ivan Dimitrov Petrov, 45 Lokorska str., 1225 Sofia, Bulgaria, Kazuya Ichieda, 102, 3 chome, Jiyugaoka-honmachi, 673-0424 Miki city, Hyogo Prefecture, Japan, Randy Combs, 9500 East Bend Road, Burlington, Kentucky, 41005 USA, and Georg Malina, Hans-Sachs-Straße 53, 40237 Düsseldorf, Germany have invented and own a certain invention entitled:

### **CONVEYOR SYSTEM, MOTOR ROLLER CONTROLLER AND METHOD FOR OPERATING A CONVEYOR SYSTEM**

for which invention we have executed an application (provisional or non-provisional) for a United States patent, which was filed on October 12, 2023, under Application No. 18/485,686, and

**WHEREAS**, Kyowa Europe GmbH, of Moltkestraße 44a, 42799 Leichlingen, Germany, and Industrial Software, jk. Bukston, BL. 10, 1618 Sofia, Bulgaria (hereinafter referred to as Assignees), is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the application for Letters Patent.

**NOW, THEREFORE**, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignees and the Assignees' legal representatives, successors and assigns the full and exclusive rights in and to the invention in the United States and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, renewals, and extensions) that may be filed in the United States and every foreign country on the invention, and the patents or extensions thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue United States patents to the above-mentioned Assignees agreeably with the terms of this assignment document.

**WE HEREBY AUTHORIZE** the above-mentioned Assignees to insert in this assignment document the filing date and serial number of the application if the date and number are unavailable at the time this document is executed.

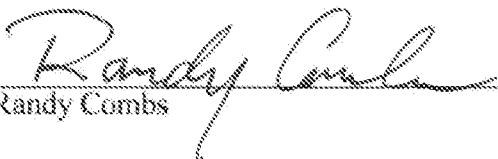
**UPON SAID CONSIDERATION**, we convey to the Assignees the right to make application in its own behalf for protection of the invention in countries foreign to the United States and to claim under the International Convention and/or other international arrangement for any such application the date of the United States application (or any other application on the invention) to gain priority with respect to other applications.

**WE DO HEREBY COVENANT** and agree with the Assignees that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but

In re Appln. of: Dimitar Ivanov Petrov et al.  
Attorney Docket No.: 513099

at the expense of the Assignees, execute such additional assignments and other writings and do such additional acts as the Assignees may deem necessary or desirable to perfect the Assignees' enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, renewal, or extended patents of the United States or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

_____ Date	_____ Dimitar Ivanov Petrov
_____ Date	_____ Nikola Aleksandrov Yankov
_____ Date	_____ Dimitar Hristov Suvandzhiev
_____ Date	_____ Ivan Dimitrov Petrov
_____ Date	_____ Kazuya Ichieda
<u>10 - OCT, 2023</u> Date	 Randy Combs
_____ Date	_____ Georg Malina



Reinhart Boerner Van Deuren P.C.  
Attorneys at Law  
2215 Perrygreen Way  
Rockford, Illinois 61107

## ASSIGNMENT

WHEREAS, WE, Dimitar Ivanov Petrov, 45 Lokorska str., 1225 Sofia, Bulgaria, Nikola Aleksandrov Yankov, 44 Lyuben Karavelov str., 1142 Sofia, Bulgaria, Dimitar Hristov Suvandzhiev, kv. Mladost 1, Bl. 32, 1750 / 1784 Sofia, Bulgaria, Ivan Dimitrov Petrov, 45 Lokorska str., 1225 Sofia, Bulgaria, Kazuya Ichieda, 102, 3 chome, Jiyugaoka-honmachi, 673-0424 Miki city, Hyogo Prefecture, Japan, Randy Combs, 9500 East Bend Road, Burlington, Kentucky, 41005 USA, and Georg Malina, Hans-Sachs-Straße 53, 40237 Düsseldorf, Germany have invented and own a certain invention entitled:

### CONVEYOR SYSTEM, MOTOR ROLLER CONTROLLER AND METHOD FOR OPERATING A CONVEYOR SYSTEM

for which invention we have executed an application (provisional or non-provisional) for a United States patent, which was filed on October 12, 2023, under Application No. 18/485,686, and

WHEREAS, Kyowa Europe GmbH, of Molkestraße 44a, 42799 Leichlingen, Germany, and Industrial Software, jk. Bukston, BL. 10, 1618 Sofia, Bulgaria (hereinafter referred to as Assignees), is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the application for Letters Patent.

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignees and the Assignees' legal representatives, successors and assigns the full and exclusive rights in and to the invention in the United States and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, renewals, and extensions) that may be filed in the United States and every foreign country on the invention, and the patents or extensions thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue United States patents to the above-mentioned Assignees agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the above-mentioned Assignees to insert in this assignment document the filing date and serial number of the application if the date and number are unavailable at the time this document is executed.

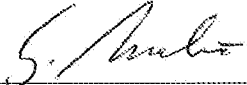
UPON SAID CONSIDERATION, we convey to the Assignees the right to make application in its own behalf for protection of the invention in countries foreign to the United States and to claim under the International Convention and/or other international arrangement for any such application the date of the United States application (or any other application on the invention) to gain priority with respect to other applications.

WE DO HEREBY COVENANT and agree with the Assignees that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but

In re Appln. of: Dimitar Ivanov Petrov et al.  
Attorney Docket No.: 513099

at the expense of the Assignees, execute such additional assignments and other writings and do such additional acts as the Assignees may deem necessary or desirable to perfect the Assignees' enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, renewal, or extended patents of the United States or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

_____ Date	_____ Dimitar Ivanov Petrov
_____ Date	_____ Nikola Aleksandrov Yankov
_____ Date	_____ Dimitar Hristov Suvandzhiev
_____ Date	_____ Ivan Dimitrov Petrov
_____ Date	_____ Kazuya Ichieda
_____ Date	_____ Randy Combs
23.10.2023 _____ Date	 _____ Georg Malina

50577006