

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6655439

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHAN HEISZWOLF	02/10/2021
DAVID LYONS	04/05/2021
CHAD TIMOTHY METZ	04/01/2021
HOWARD BRAXTON FITZGERALD	03/31/2021
GREGORY M. FILIPPELLI	04/02/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	S.A. LHOIST RECHERCHE ET DEVELOPPEMENT
<b>Street Address:</b>	RUE CHARLES DUBOIS 28
<b>City:</b>	OTTIGNIES-LOUVAIN-LA-NEUVE
<b>State/Country:</b>	BELGIUM
<b>Postal Code:</b>	1342
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16788788
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(817)878-0501
<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>	8178780500
<b>Email:</b>	eofficeaction@appcoll.com, kpruitt@whitakerchalk.com
<b>Correspondent Name:</b>	WHITAKER CHALK SWINDLE & SCHWARTZ PLLC
<b>Address Line 1:</b>	301 COMMERCE STREET
<b>Address Line 2:</b>	SUITE 3500
<b>Address Line 4:</b>	FORT WORTH, TEXAS 76102-4186
<b>ATTORNEY DOCKET NUMBER:</b>	22080.00081
<b>NAME OF SUBMITTER:</b>	CHARLES D. GUNTER, JR.
<b>SIGNATURE:</b>	/Charles D. Gunter, Jr./
<b>DATE SIGNED:</b>	04/14/2021
<b>Total Attachments: 10</b>	

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## PATENT ASSIGNMENT

WHEREAS, I, **Johan Heiszwolf**, have invented certain new and useful improvements disclosed in an application for United States Letters Patent, identified as:

Title of Application: **Process for Pneumatically Conveying a Powdery Material**  
U.S. Application No.: **16/788,788**  
Filing Date: **February 12, 2020**

WHEREAS, **S.A. Lhoist Recherche et Developpement** (hereinafter referred to as "Assignee"), a corporation, with an address of **rue Charles Dubois 28, 1342 Ottignies-Louvain-la-Neuve, Belgium**, desires to acquire my entire right, title, and interest in and to the invention, and in and to the application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I agree to assign and hereby assign to Assignee, all right, title, and interest in and to the invention and in and to the application and all patents which may be granted therefor, and all future applications throughout the world that may claim priority to said application, including but not limited to divisions, reexaminations, reissues, continuations, continuations-in-part, and extensions thereof, and all rights and remedies associated therewith including the right to sue for and recover past damages and to recover under 35 U.S.C. § 154 (d), or any other law permitting remedies for infringement prior to issuance of the patent; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to Assignee. I also agree to assign and hereby assign to Assignee, all right, title, and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models, and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title, and interest in Assignee.

AND I HEREBY covenant and agree that I will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue, and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries. I authorize Assignee's representative to fill in the foregoing blanks for the application number and the filing date once that information becomes known. This Assignment shall be binding on the parties' successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I hereunto set my hand this 10 February 2021 day of

Inventor Signature: \_\_\_\_\_

Inventor Name: Johan Heiszwolf

Inventor Address: Zwanenlaan 40, 3090 Overijse, Belgium

The undersigned hereby grants the firm of Whitaker Chalk Swindle & Schwartz, PLLC (Charles D. Gunter, Jr., Reg. No. 29,386) 301 Commerce Street, Suite 3500, Fort Worth, Texas 76102-4186, USA, 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.

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness: \_\_\_\_\_

OLIVIER FRANKEN

Date: \_\_\_\_\_

10 February 2021

Witness: KATRIEN GOLDMAEKER

Date: 10 February 2021

## PATENT ASSIGNMENT

WHEREAS, I, **David Lyons**, have invented certain new and useful improvements disclosed in an application for United States Letters Patent, identified as:

Title of Application: Process for Pneumatically Conveying a Powdery Material\  
U.S. Application No.: 16/788,788  
Filing Date: February 12, 2020

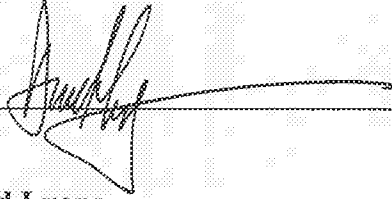
WHEREAS, **S.A. Lhoist Recherche et Developpement** (hereinafter referred to as "Assignee"), a corporation, with an address of **rue Charles Dubois 28, 1342 Ottignies-Louvain-la-Neuve, Belgium**, desires to acquire my entire right, title, and interest in and to the invention, and in and to the application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I agree to assign and hereby assign to Assignee, all right, title, and interest in and to the invention and in and to the application and all patents which may be granted therefor, and all future applications throughout the world that may claim priority to said application, including but not limited to divisions, reexaminations, reissues, continuations, continuations-in-part, and extensions thereof, and all rights and remedies associated therewith including the right to sue for and recover past damages and to recover under 35 U.S.C. § 154 (d), or any other law permitting remedies for infringement prior to issuance of the patent; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to Assignee. I also agree to assign and hereby assign to Assignee, all right, title, and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models, and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title, and interest in Assignee.

AND I HEREBY covenant and agree that I will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue, and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries. I authorize Assignee's representative to fill in the foregoing blanks for the application number and the filing date once that information becomes known. This Assignment shall be binding on the parties' successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I hereunto set my hand this 5<sup>th</sup> day of April, 2021.

Inventor Signature: \_\_\_\_\_



Inventor Name: David Lyons

Inventor Address: 8241 Whistling Duck Drive, Fort Worth, Texas 76118  
US

**NOTARIZATION**

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. § 261).

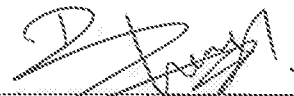
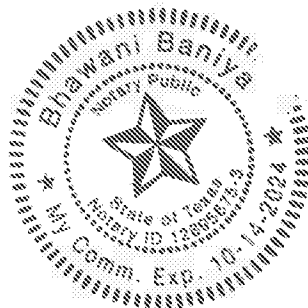
Executed this 5<sup>th</sup> day of April, 2021, at

State of Texas

County of Dallas

Before me on this day personally appeared David Lyons, who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute same.

Given under my hand and seal of office this 5<sup>th</sup> day of April, 2021.



Notary Public's Signature

## PATENT ASSIGNMENT

WHEREAS, I, Chad Timothy Metz, have invented certain new and useful improvements disclosed in an application for United States Letters Patent, identified as:

Title of Application: Process for Pneumatically Conveying a Powdery Material  
U.S. Application No.: 16/788,788  
Filing Date: February 12, 2020

WHEREAS, S.A. Lhoist Recherche et Developpement (hereinafter referred to as "Assignee"), a corporation, with an address of rue Charles Dubois 28, 1342 Ottignies-Louvain-la-Neuve, Belgium, desires to acquire my entire right, title, and interest in and to the invention, and in and to the application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I agree to assign and hereby assign to Assignee, all right, title, and interest in and to the invention and in and to the application and all patents which may be granted therefor, and all future applications throughout the world that may claim priority to said application, including but not limited to divisions, reexaminations, reissues, continuations, continuations-in-part, and extensions thereof, and all rights and remedies associated therewith including the right to sue for and recover past damages and to recover under 35 U.S.C. § 154 (d), or any other law permitting remedies for infringement prior to issuance of the patent; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to Assignee. I also agree to assign and hereby assign to Assignee, all right, title, and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models, and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title, and interest in Assignee.

AND I HEREBY covenant and agree that I will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue, and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries. I authorize Assignee's representative to fill in the foregoing blanks for the application number and the filing date once that information becomes known. This Assignment shall be binding on the parties' successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I hereunto set my hand this 1<sup>st</sup> day of April, 2021.

Inventor Signature: *Chad Timothy Metz*

Inventor Name: Chad Timothy Metz

Inventor Address: 6521 Hightower Drive, Watauga, Texas 76148  
US

**NOTARIZATION**

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. § 261).

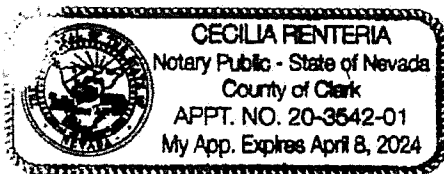
Executed this 1<sup>st</sup> day of April, 2021, at

State of Nevada

County of Clark

Before me on this day personally appeared Chad Timothy Metz, who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute same.

Given under my hand and seal of office this 1<sup>st</sup> day of April, 2021.



*C. Renteria*

Notary Public's Signature



## PATENT ASSIGNMENT

WHEREAS, I, **Howard Braxton Fitzgerald**, have invented certain new and useful improvements disclosed in an application for United States Letters Patent, identified as:

Title of Application: **Process for Pneumatically Conveying a Powdery Material**  
U.S. Application No.: **16/788,788**  
Filing Date: **February 12, 2020**

WHEREAS, **S.A. Lhoist Recherche et Developpement** (hereinafter referred to as "Assignee"), a corporation, with an address of **rue Charles Dubois 28, 1342 Ottignies-Louvain-la-Neuve, Belgium**, desires to acquire my entire right, title, and interest in and to the invention, and in and to the application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I agree to assign and hereby assign to Assignee, all right, title, and interest in and to the invention and in and to the application and all patents which may be granted therefor, and all future applications throughout the world that may claim priority to said application, including but not limited to divisions, reexaminations, reissues, continuations, continuations-in-part, and extensions thereof, and all rights and remedies associated therewith including the right to sue for and recover past damages and to recover under 35 U.S.C. § 154 (d), or any other law permitting remedies for infringement prior to issuance of the patent; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to Assignee. I also agree to assign and hereby assign to Assignee, all right, title, and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models, and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title, and interest in Assignee.

AND I HEREBY covenant and agree that I will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue, and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries. I authorize Assignee's representative to fill in the foregoing blanks for the application number and the filing date once that information becomes known. This Assignment shall be binding on the parties' successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I hereunto set my hand this 31 day of MARCH, 2021.

Inventor Signature: \_\_\_\_\_

Inventor Name: Howard Braxton Fitzgerald

Inventor Address: 8840 Waterside Drive, Ball Ground, Georgia 30107  
US

**NOTARIZATION**

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. § 261).

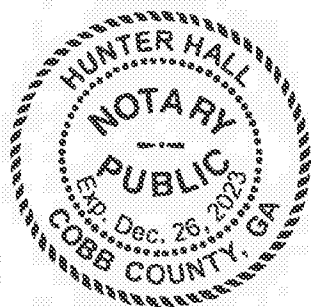
Executed this 31<sup>st</sup> day of March, 2021, at

State of Georgia

County of Clarke

Before me on this day personally appeared Howard Fitzgerald, who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute same.

Given under my hand and seal of office this 31<sup>st</sup> day of March, 2021.



[Signature]  
Notary Public's Signature

## PATENT ASSIGNMENT

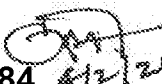
WHEREAS, I, Gregory M. Filippelli, have invented certain new and useful improvements disclosed in an application for United States Letters Patent, identified as:

Title of Application: Process for Pneumatically Conveying a Powdery Material  
U.S. Application No.: 16/788,788  
Filing Date: February 12, 2020

WHEREAS, S.A. Lhoist Recherche et Developpement (hereinafter referred to as "Assignee"), a corporation, with an address of rue Charles Dubois 28, 1342 Ottignies-Louvain-la-Neuve, Belgium, desires to acquire my entire right, title, and interest in and to the invention, and in and to the application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I agree to assign and hereby assign to Assignee, all right, title, and interest in and to the invention and in and to the application and all patents which may be granted therefor, and all future applications throughout the world that may claim priority to said application, including but not limited to divisions, reexaminations, reissues, continuations, continuations-in-part, and extensions thereof, and all rights and remedies associated therewith including the right to sue for and recover past damages and to recover under 35 U.S.C. § 154 (d), or any other law permitting remedies for infringement prior to issuance of the patent; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to Assignee. I also agree to assign and hereby assign to Assignee, all right, title, and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models, and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title, and interest in Assignee.

AND I HEREBY covenant and agree that I will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue, and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries. I authorize Assignee's representative to fill in the foregoing blanks for the application number and the filing date once that information becomes known. This Assignment shall be binding on the parties' successors, assigns, and legal representatives.



IN TESTIMONY WHEREOF, I hereunto set my hand this 2<sup>nd</sup> day of April, 2021.

Inventor Signature: Gregory M. Filippelli

Inventor Name: Gregory M. Filippelli

Inventor Address: 241 Kralltown Road, Dillsburg Pennsylvania 17019  
US

**NOTARIZATION**

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. § 261).

Executed this 2<sup>nd</sup> day of April, 2021, at

State of Pennsylvania  
County of Cumberland

Before me on this day personally appeared Gregory M. Filippelli,  
who acknowledged the foregoing instrument to be a free act and deed and also represented that he  
or she is authorized to execute same.

Given under my hand and seal of office this 2<sup>nd</sup> day of April, 2021.

Commonwealth of Pennsylvania - Notary Seal  
Tara L. Knorr, Notary Public  
Cumberland County  
My commission expires February 18, 2023  
Commission number 1087228  
Member, Pennsylvania Association of Notaries

Tara L. Knorr  
Notary Public's Signature