

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4008976

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANTHONY S. DUGAN	06/02/2016
JOSEPH J. BOLT	06/02/2016
ANDREW P. KLEIN	05/26/2016
RECEIVING PARTY DATA	
Name:	THE EXONE COMPANY
Street Address:	127 INDUSTRY BOULEVARD
City:	NORTH HUNTINGDON
State/Country:	PENNSYLVANIA
Postal Code:	15642
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15161361
CORRESPONDENCE DATA	
Fax Number:	
<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:	724-765-1386
Email:	patent@exone.com
Correspondent Name:	THOMAS LIZZI, ESQ.
Address Line 1:	127 INDUSTRY BOULEVARD
Address Line 4:	NORTH HUNTINGDON, PENNSYLVANIA 15642
ATTORNEY DOCKET NUMBER:	EX-0090
NAME OF SUBMITTER:	THOMAS LIZZI, ESQ.
SIGNATURE:	/Thomas Lizzi/
DATE SIGNED:	08/16/2016
Total Attachments: 3	
source=EX-0090_PA_Assignment#page1.tif	
source=EX-0090_PA_Assignment#page2.tif	
source=EX-0090_PA_Assignment#page3.tif	

Assignment of All Rights, Title and Interest in Invention

This is an Assignment of the following rights, title and interest: (check all that apply)

- ☒ *United States of America rights, title and interest in the invention*
☒ *Foreign rights, title and interest in the invention*
☒ *United States Patent Application Serial No. 15/161,361 filed May 23, 2016*
☐ *United States Provisional Patent Application Serial No.:*
☐ *United States Patent No(s).*
☐ *International (PCT) Patent Application Serial No.*
☐ *Other (specify)*

Title of the Invention

Fine Powder Recoater for Three-Dimensional Printer

Inventors (Assignors)

<i>Name</i>	<i>Address</i>
Anthony S. Dugan	2412 Easler St. McKeesport, PA 15132
Joseph J. Bolt	70 Colonial Manor Rd., Irwin PA 15642
Andrew P. Klein	5215 Westminster Pl., Pittsburgh, PA 15232

Assignee

<i>Name</i>	<i>Address</i>
The ExOne Company	127 Industry Blvd., North Huntingdon, PA 15642

Whereas, I/we, the above-identified Inventor(s) and Assignors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas I/we desire to assign our entire above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this Assignment memorializes, that for good and valuable consideration, the receipt whereof is hereby acknowledged:

I/We, the above-identified Inventors and Assignors, hereby assign, sell and transfer my/our entire above-identified rights, title and interest in said Invention, in said application(s) as identified above, including any divisions, continuations, continuations-in-part, substitutes, and counterparts thereof in any and all countries and regional authorities, and in and to any and all Letters Patent of the United States and its territorial possessions, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Paris Convention rights, and rights under all other treaties and international arrangements, and any and all other benefits accruing or which may accrue to me/us with respect to the filing of applications for patents or securing of patents in the United States and its territorial possessions and countries foreign

And I/we hereby authorize and request the Patent Officials in the United States and in any and all countries foreign thereto to issue any and all of said Letters Patent, when granted or issued, for said Invention to said Assignee, as the assignee of the whole right, title and interest thereto;

Further, I/we agree that I/we will communicate to said Assignee or its representatives any facts known to me/us respecting said Invention, and testify in any legal proceeding, sign all papers, execute all divisional, continuation, continuation-in-part, substitute, counterpart, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths or declarations, and, generally do everything possible to aid said Assignee, its successors and assigns, to obtain and enforce protection for said Invention in the United States and its territorial possessions and in any and all countries foreign thereto, as the Assignee, its successors and assigns may from time to time request and prepare at Assignee's, its successor's, or its assigns' own expense.

This Assignment represents the entire agreement between/among me/we and the Assignee pertaining to the subject matter of this Assignment and supersedes any and all prior oral discussions and/or written correspondence or agreements between me/we and the Assignees with respect thereto. This Assignment is deemed to be made under and shall be construed in accordance with the laws of the Commonwealth of Pennsylvania, U.S.A, but shall not include any conflict of law rule that might direct or refer determination of any matter to the laws of any other jurisdiction.

Assignment of Rights, Title and Interest in Invention

Ser. No.15/161,361

Docket No. EX-0090

Executed this 2nd day of June, in the year 2016

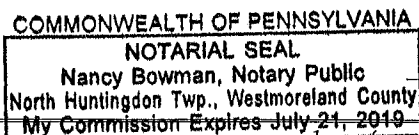
at N. Huntingdon, Pennsylvania

State of Pennsylvania

County of Westmoreland

Before me personally appeared

Who acknowledged to the foregoing to be a free act and deed and also represented that he or she is authorized to execute the same this 2nd day of June, in the year 2016



[Signature]
(Signature of Inventor)
Inventor Name: Anthony S. Dugan

Executed this 2nd day of June, in the year 2016

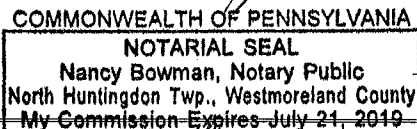
at N. Huntingdon, Pennsylvania

State of Pennsylvania

County of Westmoreland

Before me personally appeared the above

Who acknowledged to the foregoing to be a free act and deed and also represented that he or she is authorized to execute the same this 2nd day of June, in the year 2016



[Signature]
(Signature of Inventor)
Inventor Name: Joseph J. Bolt

Executed this 26th day of May, in the year 2016

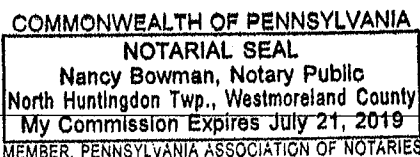
at North Huntingdon, Pennsylvania

State of Pennsylvania

County of Westmoreland

Before me personally appeared Andrew P. Klein

Who acknowledged to the foregoing to be a free act and deed and also represented that he or she is authorized to execute the same this 26th day of May, in the year 2016



[Signature]
(Signature of Inventor)
Inventor Name: Andrew P. Klein

[Signature]
(Notary Public)