PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PETRONELLA EMERENTIANA HEGEMAN	12/09/2016
GUSTAAF CHRISTIAN BRONS	12/06/2016

RECEIVING PARTY DATA

Name:	PANALYTICAL B.V.
Street Address:	LELYWEG 1, 7602 EA
Internal Address:	P O BOX 13
City:	ALMELO
State/Country:	NETHERLANDS
Postal Code:	7600 AA

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16295588

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER:	02954/005518-US1	
NAME OF SUBMITTER:	BONNIE KRAMER CARNEY	
SIGNATURE:	/bonnie kramer carney/	
DATE SIGNED:	03/07/2019	

Total Attachments: 2 source=02162243#page1.tif

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PATENT REEL: 048532 FRAME: 0842 505363469

Attorney Docket No.: 02954/005518-US0

ASSIGNMENT

- I, Petronella Emerentiana HEGEMAN, a citizen of the Netherlands, having a residence of Almelo, The Netherlands; and
- I, Gustaaf Christian BRONS, a citizen of the Netherlands, having a residence of Almelo, The Netherlands;

(hereinafter "ASSIGNORS") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNORS by

PANalytical B.V.

a Corporation having a place of business at Lelyweg 1, 7602 EA, P O Box 13, 7600 AA Almelo, The Netherlands (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, throughout the world in and to my Invention entitled:

Conical Collimator for X-Ray Measurements

invented by me and described in Patent Application No. 15/366,632, filed December 1, 2016, in the United States of America; and all patents, divisions, reissues, continuations and any extensions thereof and rights of priority therein, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made, including all rights of Assignor to recover for past infringement thereof;

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing

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therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

9-12-2016

HEGEMAN. Inventor

Dated:

06-12-2016

Gustaaf Christian BRONS,

Inventor

RECORDED: 03/07/2019