

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT6004121

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
E. I. DU PONT DE NEMOURS AND COMPANY	02/19/2020
RECEIVING PARTY DATA	
Name:	Dowa Electronics Materials Co., Ltd.
Street Address:	14-1, Sotokanda 4-chome, Chiyoda-ku
City:	Tokyo
State/Country:	Japan
Postal Code:	101-0021
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16374882
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	185965
NAME OF SUBMITTER:	CYNTHIA KLINE
SIGNATURE:	/Cynthia Kline/
DATE SIGNED:	03/09/2020
Total Attachments: 3	
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ASSIGNMENT

This PATENT ASSIGNMENT (this "Assignment"), is dated as of May 29, 2019, (the "Effective Date").

WHEREAS, E. I. du Pont de Nemours and Company, a company established under the laws of Delaware whose address is Chestnut Run Plaza, 974 Centre Road, P.O. Box 2915 Wilmington, Delaware 19805 (hereinafter called "Assignor"), is co-owner of the following patent application(s) (hereinafter called "Patent Properties"), identified below by attorney docket number and US Application Serial No.:

Attorney
Docket No.

Named
Inventors

185965

Dave Hui, Michael Stephen Wolfe, Howard David
Glicksman, Haixin Yang, Takashi Hinotsu, Shingo Teragawa

US 16/374,882 filed April 4, 2019

Titled: Fine Silver Particle Dispersion

The undersigned has reviewed all the documents in the chain of title identified above; and to the best of the undersigned's knowledge and belief, title is in the Assignor. The undersigned is empowered to sign this Assignment on behalf of the Assignor.

WHEREAS, DOWA ELECTRONICS MATERIALS CO., LTD., a company established under the laws of Japan whose address is 14-1, Sotokanda 4-chome, Chiyoda-ku, Tokyo 1010021 Japan (hereinafter called "Assignee"), is desirous of acquiring Assignor's entire right, title and interest for the entire world, including the United States, its territories, dependencies and possessions, in and to said Patent Properties (and/or patents that may be granted therefrom), including any and all provisional, non-provisional, divisional, continuation, ancestral (e.g., parent), international, foreign, design, confirmation, substitute and reissue application(s) or extensions of the same, as well as any and all applications claiming priority from such applications and any and all applications from which they claim priority.

Now, To All Whom It May Concern: Be it known that for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over, unto Assignee, its successors, assigns and legal representatives, Assignor's entire right, title and interest for the entire world, including the United States, its territories, dependencies and possessions, in and to said Patent Properties (and/or patents that may be granted therefrom), and any and all provisional, non-provisional, divisional, continuation, ancestral (e.g., parent), international, foreign, design, confirmation, substitute and reissue application(s) or extensions thereof, as well as any and all applications claiming priority from such applications and any and all applications from which they claim priority; the same to be held and enjoyed by Assignee, its successors, assigns and legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment and sale not been made, together with all claims for damages by reason of past infringement of said Patent Properties with the right to sue for and collect the same for its own use and for the use of its successors, assigns and legal representatives.

Assignor agrees that this assignment is binding on Assignor and its successors, assigns and legal representatives.

Assignor authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue any Letters Patent of the United States (and the appropriate officer of any relevant foreign country to issue any Patent of such country), resulting from said Patent Properties and any confirmations, divisions, continuations, counterparts, reexaminations, reissues or extensions thereof, to Assignee.

Assignor agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning said Patent Properties (and/or patents that may be granted therefrom), or any confirmation, division, continuation, reexamination or reissue thereof, and to cooperate with Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.

Assignor covenants that it has full right to convey the interest herein assigned and that it has not executed and will not execute any agreement in conflict herewith.

Assignor agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

Assignor agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to Assignee.

Assignor grants the firm of OLIEFF PLC of Alexandria, Virginia 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 (or other foreign patent office) for recordation of this document.

ASSIGNOR:

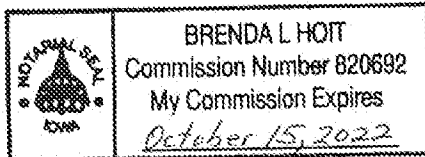
E. I. du Pont de Nemours and Company

By: Marian T Flattery
Date: February 19, 2020
Name: Marian Flattery
Title: Associate General Counsel – Intellectual Property

THE STATE OF IOWA

County of Polk

This instrument was executed before me on this 19th day February 2020, by Marian Flattery, the Associate General Counsel – Intellectual Property of E. I. du Pont de Nemours and Company, a Delaware corporation, on behalf of said company.



Brenda L Hoyt
Notary Public in and for
The State of Iowa

Brenda L Hoyt
Printed or Typed Name of Notary

My commission expires October 15, 2022