507908707 05/16/2023

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7955832

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WENYI HUANG	02/28/2023
ERNEST HERST	05/02/2023
MARK BEACH	05/04/2023

RECEIVING PARTY DATA

Name:	DDP SPECIALTY ELECTRONIC MATERIALS US, LLC
Street Address:	974 CENTRE ROAD
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19805

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17478266

CORRESPONDENCE DATA

Fax Number: (302)355-4733

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.

Email: PCT-LEGAL@DUPONT.COM

Correspondent Name: DUPONT SPECIALTY PRODUCTS USA, LLC

Address Line 1: 974 CENTRE ROAD

Address Line 4: WILMINGTON, DELAWARE 19805

ATTORNEY DOCKET NUMBER:	DI83448-US-NP
NAME OF SUBMITTER:	BETHANY WOOD
SIGNATURE:	/Bethany Wood/
DATE SIGNED:	05/16/2023

Total Attachments: 7

source=20230516_DI83448USNP_Assignment#page1.tif source=20230516_DI83448USNP_Assignment#page2.tif source=20230516_DI83448USNP_Assignment#page3.tif source=20230516_DI83448USNP_Assignment#page4.tif

 $source = 20230516_DI83448USNP_Assignment \#page 5.t if$

PATENT 507908707 REEL: 063654 FRAME: 0331

source=20230516_DI83448USNP_Assignment#page6.tif source=20230516_DI83448USNP_Assignment#page7.tif

PATENT REEL: 063654 FRAME: 0332

WORLDWIDE PATENT ASSIGNMENT FROM NAMED INVENTOR TO ASSIGNEE COMPANY (FOR A FILED PATENT APPLICATION)

Named Inventor	Wenyi Huang
Assignee Company	DDP Specialty Electronic Materials US, LLC, a company formed under the laws of the state of Delaware, USA and having an address of 974 Centre Road, Chestnut Run Plaza, Wilmington, DE 19805.
Assigned Patent Application	United States Of America Patent Application No. 17/478266 Title: COMPOSITE METALLIC PANEL Filing date: September 17, 2021 Attorney Docket No.: DI83448-US-NP

For valuable consideration (the receipt and adequacy of which is hereby acknowledged) and in fulfillment of a pre-existing obligation to assign, Named Inventor assigns to Assignee Company all of Named Inventor's worldwide rights, title and interest, whether joint or sole, in and to:

- the Assigned Patent Application and the invention(s) disclosed in it;
- any patent that grants from the Assigned Patent Application;
- any patent application or patent to which the Assigned Patent Application claims priority under the Paris
 Convention, Patent Cooperation Treaty, any other international treaty, or any law or regulation of any country;
- any patent application or patent having a specification that is substantively identical to the Assigned Patent Application;
- any patent application or patent claiming priority under the Paris Convention, Patent Cooperation Treaty, any
 other international treaty, or any law or regulation of any country to any of the above-referenced patent
 applications or patents, including any non-provisional, regional or national phase, continuation, divisional,
 continuation-in-part, reissue, reexamination, foreign counterpart, utility model, design, inventor certificate,
 extension, supplementary protection certificate, renewal or similar legal right; and
- any other patent application or patent claiming an invention disclosed in the Assigned Patent Application, including foreign counterparts.

All rights, title and interests assigned in this assignment are hereby to be held and enjoyed by Assignee Company to the same extent as such rights, title and interests would have been held and enjoyed by the Named Inventor had this assignment not been made. The rights, title and interests assigned by this assignment include, but are not limited to, all of Named Inventor's rights, title and interests throughout the world to file, claim priority to, prosecute, maintain, amend, abandon, publish, keep confidential, assign, license, transfer, enforce and collect all past and future damages from the infringement of the above-referenced patent applications and patents. To the extent the Named Inventor has already assigned such rights, title and interests to Assignee Company by virtue of the Named Inventor's employment contract or otherwise, this assignment confirms that earlier assignment.

As part of this assignment, Named Inventor and Named Inventor's legal representatives, administrators and assigns agree to execute promptly upon request all documents (e.g., declarations, oaths, affidavits, disclaimers and assignments) necessary or desirable for Assignee Company and its legal representatives to file, prosecute, amend, maintain, establish ownership, defend the validity and enforceability of, enforce, and collect infringement damages in connection with the above-referenced patent applications and patents; and cooperate in every way possible with Assignee Company and its legal representatives to obtain evidence, provide facts and technical guidance, testify (either in the country in which Named Inventor resides or the nearest country in which such testimony is legal if the country in which Named Inventor resides prohibits such testimony) and otherwise assist with any administrative or judicial proceeding related to filing, prosecuting, amending, maintaining, establishing ownership, defending the validity and enforceability of, enforcing, or collecting damages in connection with the above-referenced patent applications and patents.

Page 1 of 2

PATENT REEL: 063654 FRAME: 0333

The Named Inventor agrees that the Assignee Company and its legal representatives have the power to insert into this document any corrections or further identifying information relating to the above-referenced patent applications and patents (including, but not limited to, the filing date and the application number) as may be necessary or desirable to correct any typographical error and/or or comply with the rules of any country where an abovereferenced patent application or patent may be filed, enforced, licensed or owned.

The Named Inventor authorizes the Assignee Company and its legal representatives to record this assignment as may be desirable or necessary to support the filing, prosecution, maintenance, defense, ownership, enforcement, collection of infringement damages in connection with the above-referenced patent applications and patents, and further authorizes the Assignee Company and its legal representatives to translate this assignment into any language as necessary or desirable for such purposes.

The Named Inventor represents that the Named Inventor understands that the patent practitioners and attorneys working for Assignee Company are <u>NOT</u> legal representatives of or attorneys for the Named Inventor.

Any provision of this assignment which is prohibited or unenforceable in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions of this assignment. Any such prohibition or unenforceability in any jurisdiction shall not invalidate or render unenforceable such provision in any other jurisdiction.

Assignee Company may assign, license or otherwise transfer all or part of its rights, title and interests under this assignment to any of Assignee Company's affiliates or any third party. Any assignee, licensee or other successor of such rights, title and interests may also do the same. All obligations of the Named Inventor with respect to such transferred rights, title and interests shall inure to the benefit of the new assignee, licensee or other successor.

The Named Inventor represents that the Named Inventor has reviewed the Assigned Patent Application; has full right to convey all the rights, title and interests assigned by this assignment; and has not executed, and will not execute, any license, assignment or other document in conflict with this assignment.

Signature of Named Inventor

Wenyi Huang

Named Inventor

02/28/2023

Signature of authorized representative of Assignee Company

JESSICA M. Sinnott Authorized Representative (print name)

Authorized Representative (signature)

Authorized Representative (print title)

Page 2 of 2

PATENT

REEL: 063654 FRAME: 0334

WORLDWIDE PATENT ASSIGNMENT FROM NAMED INVENTOR TO ASSIGNEE COMPANY (FOR A FILED PATENT APPLICATION)

Named Inventor	Ernest Herst
Assignee Company	DDP Specialty Electronic Materials US, LLC, a company formed under the laws of the state of Delaware, USA and having an address of 974 Centre Road, Chestnut Run Plaza, Wilmington, DE 19805.
Assigned Patent Application	United States Of America Patent Application No. 17/478266 Title: COMPOSITE METALLIC PANEL Filing date: September 17, 2021 Attorney Docket No.: DI83448-US-NP

For valuable consideration (the receipt and adequacy of which is hereby acknowledged) and in fulfillment of a pre-existing obligation to assign, Named Inventor assigns to Assignee Company all of Named Inventor's worldwide rights, title and interest, whether joint or sole, in and to:

- the Assigned Patent Application and the invention(s) disclosed in it;
- any patent that grants from the Assigned Patent Application;
- any patent application or patent to which the Assigned Patent Application claims priority under the Paris Convention, Patent Cooperation Treaty, any other international treaty, or any law or regulation of any country;
- any patent application or patent having a specification that is substantively identical to the Assigned Patent Application;
- any patent application or patent claiming priority under the Paris Convention, Patent Cooperation Treaty, any
 other international treaty, or any law or regulation of any country to any of the above-referenced patent
 applications or patents, including any non-provisional, regional or national phase, continuation, divisional,
 continuation-in-part, reissue, reexamination, foreign counterpart, utility model, design, inventor certificate,
 extension, supplementary protection certificate, renewal or similar legal right; and
- any other patent application or patent claiming an invention disclosed in the Assigned Patent Application, including foreign counterparts.

All rights, title and interests assigned in this assignment are hereby to be held and enjoyed by Assignee Company to the same extent as such rights, title and interests would have been held and enjoyed by the Named Inventor had this assignment not been made. The rights, title and interests assigned by this assignment include, but are not limited to, all of Named Inventor's rights, title and interests throughout the world to file, claim priority to, prosecute, maintain, amend, abandon, publish, keep confidential, assign, license, transfer, enforce and collect all past and future damages from the infringement of the above-referenced patent applications and patents. To the extent the Named Inventor has already assigned such rights, title and interests to Assignee Company by virtue of the Named Inventor's employment contract or otherwise, this assignment confirms that earlier assignment.

As part of this assignment, Named Inventor and Named Inventor's legal representatives, administrators and assigns agree to execute promptly upon request all documents (e.g., declarations, oaths, affidavits, disclaimers and assignments) necessary or desirable for Assignee Company and its legal representatives to file, prosecute, amend, maintain, establish ownership, defend the validity and enforceability of, enforce, and collect infringement damages in connection with the above-referenced patent applications and patents; and cooperate in every way possible with Assignee Company and its legal representatives to obtain evidence, provide facts and technical guidance, testify (either in the country in which Named Inventor resides or the nearest country in which such testimony is legal if the country in which Named Inventor resides prohibits such testimony) and otherwise assist with any administrative or judicial proceeding related to filing, prosecuting, amending, maintaining, establishing ownership, defending the validity and enforceability of, enforcing, or collecting damages in connection with the above-referenced patent applications and patents.

The Named Inventor agrees that the Assignee Company and its legal representatives have the power to insert into this document any corrections or further identifying information relating to the above-referenced patent applications and patents (including, but not limited to, the filing date and the application number) as may be necessary or desirable to correct any typographical error and/or or comply with the rules of any country where an above-referenced patent application or patent may be filed, enforced, licensed or owned.

The Named Inventor authorizes the Assignee Company and its legal representatives to record this assignment as may be desirable or necessary to support the filing, prosecution, maintenance, defense, ownership, enforcement, collection of infringement damages in connection with the above-referenced patent applications and patents, and further authorizes the Assignee Company and its legal representatives to translate this assignment into any language as necessary or desirable for such purposes.

The Named Inventor represents that the Named Inventor understands that the patent practitioners and attorneys working for Assignee Company are <u>NOT</u> legal representatives of or attorneys for the Named Inventor.

Any provision of this assignment which is prohibited or unenforceable in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions of this assignment. Any such prohibition or unenforceability in any jurisdiction shall not invalidate or render unenforceable such provision in any other jurisdiction.

Assignee Company may assign, license or otherwise transfer all or part of its rights, title and interests under this assignment to any of Assignee Company's affiliates or any third party. Any assignee, licensee or other successor of such rights, title and interests may also do the same. All obligations of the Named Inventor with respect to such transferred rights, title and interests shall inure to the benefit of the new assignee, licensee or other successor.

The Named Inventor represents that the Named Inventor has reviewed the Assigned Patent Application; has full right to convey all the rights, title and interests assigned by this assignment; and has not executed, and will not execute, any license, assignment or other document in conflict with this assignment.

Signature of Named Inventor

Ernest Herst
Named Inventor

Date

Signature of authorized representative of Assignee Company

Jessica M. Sinnott Authorized Representative (print name) Authorized Representative (signature)

Authorized Representative (print title)

May 10, 2023

Date

WORLDWIDE PATENT ASSIGNMENT FROM NAMED INVENTOR TO ASSIGNEE COMPANY (FOR A FILED PATENT APPLICATION)

Named Inventor	Mark Beach
Assignee Company	DDP Specialty Electronic Materials US, LLC, a company formed under the laws of the state of Delaware, USA and having an
	address of 974 Centre Road, Chestnut Run Plaza, Wilmington, DE 19805.
Assigned Patent Application	United States Of America Patent Application No. 17/478266 Title: COMPOSITE METALLIC PANEL Filing date: September 17, 2021
	Attorney Docket No.: DI83448-US-NP

For valuable consideration (the receipt and adequacy of which is hereby acknowledged) and in fulfillment of a pre-existing obligation to assign, Named Inventor assigns to Assignee Company all of Named Inventor's worldwide rights, title and interest, whether joint or sole, in and to:

- the Assigned Patent Application and the invention(s) disclosed in it;
- any patent that grants from the Assigned Patent Application;
- any patent application or patent to which the Assigned Patent Application claims priority under the Paris Convention, Patent Cooperation Treaty, any other international treaty, or any law or regulation of any country;
- any patent application or patent having a specification that is substantively identical to the Assigned Patent Application;
- any patent application or patent claiming priority under the Paris Convention, Patent Cooperation Treaty, any
 other international treaty, or any law or regulation of any country to any of the above-referenced patent
 applications or patents, including any non-provisional, regional or national phase, continuation, divisional,
 continuation-in-part, reissue, reexamination, foreign counterpart, utility model, design, inventor certificate,
 extension, supplementary protection certificate, renewal or similar legal right; and
- any other patent application or patent claiming an invention disclosed in the Assigned Patent Application, including foreign counterparts.

All rights, title and interests assigned in this assignment are hereby to be held and enjoyed by Assignee Company to the same extent as such rights, title and interests would have been held and enjoyed by the Named Inventor had this assignment not been made. The rights, title and interests assigned by this assignment include, but are not limited to, all of Named Inventor's rights, title and interests throughout the world to file, claim priority to, prosecute, maintain, amend, abandon, publish, keep confidential, assign, license, transfer, enforce and collect all past and future damages from the infringement of the above-referenced patent applications and patents. To the extent the Named Inventor has already assigned such rights, title and interests to Assignee Company by virtue of the Named Inventor's employment contract or otherwise, this assignment confirms that earlier assignment.

As part of this assignment, Named Inventor and Named Inventor's legal representatives, administrators and assigns agree to execute promptly upon request all documents (e.g., declarations, oaths, affidavits, disclaimers and assignments) necessary or desirable for Assignee Company and its legal representatives to file, prosecute, amend, maintain, establish ownership, defend the validity and enforceability of, enforce, and collect infringement damages in connection with the above-referenced patent applications and patents; and cooperate in every way possible with Assignee Company and its legal representatives to obtain evidence, provide facts and technical guidance, testify (either in the country in which Named Inventor resides or the nearest country in which such testimony is legal if the country in which Named Inventor resides prohibits such testimony) and otherwise assist with any administrative or judicial proceeding related to filing, prosecuting, amending, maintaining, establishing ownership, defending the validity and enforceability of, enforcing, or collecting damages in connection with the above-referenced patent applications and patents.

The Named Inventor agrees that the Assignee Company and its legal representatives have the power to insert into this document any corrections or further identifying information relating to the above-referenced patent applications and patents (including, but not limited to, the filing date and the application number) as may be necessary or desirable to correct any typographical error and/or or comply with the rules of any country where an abovereferenced patent application or patent may be filed, enforced, licensed or owned.

The Named Inventor authorizes the Assignee Company and its legal representatives to record this assignment as may be desirable or necessary to support the filing, prosecution, maintenance, defense, ownership, enforcement, collection of infringement damages in connection with the above-referenced patent applications and patents, and further authorizes the Assignee Company and its legal representatives to translate this assignment into any language as necessary or desirable for such purposes.

The Named Inventor represents that the Named Inventor understands that the patent practitioners and attorneys working for Assignee Company are NOT legal representatives of or attorneys for the Named Inventor.

Any provision of this assignment which is prohibited or unenforceable in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions of this assignment. Any such prohibition or unenforceability in any jurisdiction shall not invalidate or render unenforceable such provision in any other jurisdiction.

Assignee Company may assign, license or otherwise transfer all or part of its rights, title and interests under this assignment to any of Assignee Company's affiliates or any third party. Any assignee, licensee or other successor of such rights, title and interests may also do the same. All obligations of the Named Inventor with respect to such transferred rights, title and interests shall inure to the benefit of the new assignee, licensee or other successor.

The Named Inventor represents that the Named Inventor has reviewed the Assigned Patent Application; has full right to convey all the rights, title and interests assigned by this assignment; and has not executed, and will not execute, any license, assignment or other document in conflict with this assignment.

Signature of Named Inventor

Mark Beach

Named Inventor

May 4,2023

Signature of authorized representative of Assignee Company

Authorized Representative (print name)

therized Representative Title of Authorized Representative (print title)

Page 2 of 2

PATENT

REEL: 063654 FRAME: 0339

RECORDED: 05/16/2023