PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3128105

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| MICHAEL J. BIRKELAND | 11/25/2014 |
| RAYMOND WU | 11/25/2014 |
| SEAN SOMERS WEAVER | 11/25/2014 |

RECEIVING PARTY DATA

| Name: | DESIGN ADHESIVES INC. |
|-----------------|-----------------------|
| Street Address: | 5660 WESTSIDE ROAD |
| City: | REDDING |
| State/Country: | CALIFORNIA |
| Postal Code: | 96001 |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 14557567 | |

CORRESPONDENCE DATA

Fax Number: (408)228-3739

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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Email:docket@kwanip.comCorrespondent Name:KWAN & OLYNICK LLP

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Address Line 4: BERKELEY, CALIFORNIA 94709

| ATTORNEY DOCKET NUMBER: | DESAP001US |
|-------------------------|---------------|
| NAME OF SUBMITTER: | AMBER LUNDY |
| SIGNATURE: | /Amber Lundy/ |
| DATE SIGNED: | 12/02/2014 |

Total Attachments: 2

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PATENT 503081500 REEL: 034300 FRAME: 0151

ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

ADHESIVE MATERIALS AND METHODS OF FORMING LIGNOCELLULOSIC COMPOSITES USING SUCH ADHESIVE MATERIALS

| (Atty. Docket No. DESAP001US), (check one) | |
|--|--------------------------------|
| for which I have executed a U.S. patent application on even date herewith. (Accompanying) which bears U.S. application No (Not accompanying) which is a U.S. provisional application. (Accompanying) | ompanying) |
| For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby: | |
| 1) Sell, assign and transfer to Design Adhesives Inc., a Delaware corporation having a business at 5660 Westside Road, Redding, CA 96001 ("ASSIGNEE"), the entire right, titl in any and all improvements and inventions disclosed in, applications based upon, and pate upon (including foreign patents and the right to claim priority), the above-referenced applications of the control o | e and interest ents granted |
| 2) Authorize and request the Commissioner of Patents to issue any and all United Stat resulting from said application or any division, continuation, substitute, renewal, re-examination reissue thereof to the ASSIGNEE. | es Patents nation or |
| 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expenany acts which are reasonably necessary in connection with the prosecution of said applica as any derivative applications thereof, foreign applications based thereon, and/or the enforcements resulting from such applications. | tion, as well |
| 4) Agree that the terms, covenants and conditions of this assignment shall inure to the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding up inventor, as well as the inventor's heirs, legal representatives and assigns. | benefit of the |
| 5) Warrant and represent that I have not entered and will not enter into any assignment understanding that conflicts with this assignment. | t, contract, or |
| Signed on the date indicated beside mysignature. | |
| 1) Signature: Date: 1/25/14 Typed Name: Michael J. Birkeland | |
| 2) Signature: Date: Date: | · · |
| 3) Signature: Date: Date: | |

DESAP001US

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PATENT REEL: 034300 FRAME: 0152

ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

ADHESIVE MATERIALS AND METHODS OF FORMING LIGNOCELLULOSIC COMPOSITES USING SUCH ADHESIVE MATERIALS

| (Atty | . Docket No. I | DESAP001US), (check one) | | |
|--------------|------------------------------------|---|------------------------|---|
| | which be | ars U.S. application No (Not a U.S. provisional application, (Accompanying) | accompan | |
| ackno | | d valuable consideration, the receipt and suffi undersigned inventor, hereby: | iciency o | of which is hereby |
| in any | ess at 5660 We and all impro | and transfer to Design Adhesives Inc., a Dela estside Road, Redding, CA 96001 ("ASSIGN vements and inventions disclosed in, applica eign patents and the right to claim priority), the | NEE"), tl tions bas | ne entire right, title and interest and upon, and patents granted |
| | | nd request the Commissioner of Patents to iss application or any division, continuation, sub- e ASSIGNEE. | | |
| as any | ts which are red derivative app | cute all papers and documents and, entirely a easonably necessary in connection with the p plications thereof, foreign applications based m such applications. | rosecutio | on of said application, as well |
| | GNEE, its succ | te terms, covenants and conditions of this ass cessors, assigns and other legal representative the inventor's heirs, legal representatives and | es, and sl | nall be binding upon the |
| 5) inders | | represent that I have not entered and will not onflicts with this assignment. | t enter in | to any assignment, contract, or |
| | Signed on the | e date indicated beside my signature. | | |
| 1) | Signature: Typed Name: | Michael J. Birkeland | Date: | |
| 2) | Signature: Typed Name: | Raymond/Wu / | Date: | 11/25/14 |
| 3) | Signature: Typed Name: | Sean Somers Weaver | Date: | 11/25/14 |

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RECORDED: 12/02/2014

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