PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------------------|----------------|
| SUDHAKAR PUVVADA | 07/24/2017 |
| DENNIS SCHEER | 07/24/2017 |
| PAUL GERARD HOERTZ | 07/24/2017 |
| AMSARANI RAMAMOORTHY | 07/24/2017 |
| RAJEEV RAJBHANDARI | 07/24/2017 |
| CAROLINE ELIZABETH HAGERMAN | 07/21/2017 |
| ALEXANDER PETER DIRK MASSEY | 07/21/2017 |
| ALEXANDER MARK HELLAWELL | 07/21/2017 |
| ASADOLLAH FALLAH | 07/25/2017 |
| RUHKSANA QUYOUM | 07/25/2017 |

RECEIVING PARTY DATA

| Name: | VF JEANSWEAR LP | |
|--------------------------------------|-----------------|--|
| Street Address: 400 NORTH ELM STREET | | |
| City: GREENSBORO | | |
| State/Country: NORTH CAROLINA | | |
| Postal Code: | 27401 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16313353 |

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 065801.0004US1

PAIENI REEL: 050131 FRAME: 0050 505634321

| NAME OF SUBMITTER: | DESIREE JENKINS | |
|--|-------------------|--|
| SIGNATURE: | /Desiree Jenkins/ | |
| DATE SIGNED: | 08/22/2019 | |
| Total Attachments: 4 | | |
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| source=065801.0004US1 Assignment filed 8-22-19#page4.tif | | |

PATENT REEL: 050131 FRAME: 0051

UTILITY PATENT

For:

U.S. Rights and Foreign Rights

For:

U.S. and Foreign Applications

By:

Inventors

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

Sudhakar PUVVADA 1104 Magnolia Bend Loop Cary, North Carolina 27519 United States of America Nationality: US

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Asadollah FALLAH 12 Laurel Court Endcliffe vale Road Sheffield S10 3DU United Kingdom Nationality: UK

Ruhksana QUYOUM 6 Carsick Grange Sheffield S10 3LT United Kingdom Nationality: UK

hereby sell, assign and transfer to

ASSIGNEE:

VF Jeanswear LP 400 N Elm Street Greensboro, NC 27401

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to any and all improvements which are disclosed in the invention entitled:

MODIFIED INDIGO COMPOUNDS AND METHOD OF DYEING A SUBSTRATE USING A MODIFIED INDIGO COMPOUND

and which is found in (37 C.F.R. § 3.21) International Patent Application No. PCT/US2017/038848 filed on June 22, 2017, and any legal equivalent or extension thereof in a foreign country; and any improvements; including the right to claim priority in and to all Letters Patent to be obtained for said invention by the above application or any non-provisional, continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

Assignment of Invention-page 2 of 3

ASSIGNORS further covenant that ASSIGNEE will, upon their request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or their legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

| Date: | 7/24, /2017 | Afrivado. |
|-------|--------------|--|
| Date: | 01/24/2017 | Signature of Sudhakar PUVVADA Signature of Dennis SCHEER |
| Date: | 7/24/2017 | Signature of Paul HOERTZ |
| Date: | 7/24/2017 | R. Diniara |
| Date: | 7/24/2017 | Signature of Amsarani RAMAMOORTHY Signature of Rajeev RAJBHANDARI |
| Date: | | Signature of Caroline Elizabeth HAGERMAN |
| Date: | | Signature of Alexander Peter Dirk MASSEY |
| Date: | | Signature of Alexander Mark HELLAWELL |
| Date: | 25/07/2017 | Asafallu Signature of Asadollah FALLAH |
| Date: | 25 July 2017 | Signature of Ruhksana QUYOUM |

ASSIGNORS further covenant that ASSIGNEE will, upon their request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or their legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

| Date: | | |
|-------|---|--|
| | | Signature of Sudbakar PUVVADA |
| Date: | 44444 | |
| | | Signature of Dennis SCHEER |
| Date: | | |
| | | Signature of Paul HOERTZ |
| Date: | <u> </u> | |
| | | Signature of Amsarani RAMAMOORTHY |
| Date: | *************************************** | Construe of Tack WAANNA AATTA ANA |
| Date: | 21 July 2017 | Signature of Rajeev RAJBHANDARI |
| | 21 344 2017 | Signature of Caroline Elizabeth HAGERMAN |
| | A 3 | Signature of Alexander Peter Dirk MASSEY |
| Date: | 2/17/2017 | A AMA |
| | x x | Signature of Alexander Mark HELLAWELL |
| Date: | | |
| | | Signature of Asadollah FALLAH |
| Date: | | |
| | | Signature of Ruhksana QUYOUM |

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RECORDED: 08/22/2019