PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| CHANDRASHEKAR MANTHA | 12/26/2017 |

RECEIVING PARTY DATA

| Name: | AREVO, INC. |
|-----------------|----------------|
| Street Address: | 2090 DUANE AVE |
| City: | SANTA CLARA |
| State/Country: | CALIFORNIA |
| Postal Code: | 95065 |

PROPERTY NUMBERS Total: 2

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15854673 |
| Application Number: | 16011567 |

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: | 3019-143US2 |
|-------------------------|---------------------|
| NAME OF SUBMITTER: | JASON PAUL DEMONT |
| SIGNATURE: | /Jason Paul DeMont/ |
| DATE SIGNED: | 06/18/2018 |

Total Attachments: 2

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PATENT 504965509 REEL: 046123 FRAME: 0598

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assignment and Agreement

For value received, I hereby sell, assign and transfer to Arevo, Inc. (hereinafter "the Assignee"), having an office in Santa Clara, California, United States of America, and its successors, assigns and legal representatives, the entire right, title and interest, including the right to sue for past infringement, for the United States of America, in and to all of the inventions in the patent application entitled "Alleviating Torsional Forces on Fiber-Reinforced Thermoplastic Filament," identified by McGeary Cukor's Docket as 3019-143us1 and having Serial Number 15/854,673, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions. I also concurrently hereby sell, assign and transfer to the Assignee the entire right, title and interest in and to any and all divisional, continuation, continuation-in-part, substitute, reissue, and/or reexamination applications claiming benefit of the patent application.

I also concurrently hereby sell, assign and transfer to the Assignee the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

If the application serial number of this application is not known at the time of the execution of this Assignment and Agreement, I authorize the duly-appointed attorneys in this application plus Jason Paul DeMont, Reg. No. 35,793, Kenneth Ottesen, Reg. No. 54,353, and Vincent McGeary, Reg. No. 42,862 to insert the application serial number in the above paragraph when known.

I authorize the Assignee to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document, which may be required in any country in proof of the right of the Assignee to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

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McGeary Cukor Attorney Docket: 3019-143us1

I hereby acknowledge that in the event of a conflict of interest between the Assignee and me, the firm of McGeary Cukor LLC is the attorney for the Assignee and is not my attorney.

I request that any and all patents for said inventions be issued to the Assignee in the United States and in all countries foreign to the United States, or to such nominees as the Assignee may designate.

I agree that, when requested, I shall, without charge to the Assignee but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Full Name of Inventor: Chandrashekar Mantha

Inventor's Address: 2870 Kaiser Dr., #213, Santa Clara, California, United States of America

Inventor's Signature and Date Shekar Wantha

12/26/2017