PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3847431

| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT |
|-----------------------|--|
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the INCORRECT SIGNATURE, OF SUBMITTER, STATED ON CORRESPONDENCE DATA previously recorded on Reel 038362 Frame 0673. Assignor(s) hereby confirms the ASSIGNMENT. |
| | |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------|----------------|
| BO LIU | 04/13/2016 |
| HONGJIE QIU | 04/14/2016 |

RECEIVING PARTY DATA

| Name: | QUALMAT, INC. | |
|-----------------|--------------------|--|
| Street Address: | 238 BUSKIRK STREET | |
| City: | MILPITAS | |
| State/Country: | CALIFORNIA | |
| Postal Code: | 95035 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15132070 |

CORRESPONDENCE DATA

Fax Number: (650)838-4350

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.

Phone: 650-838-4300

Email: amendez@perkinscoie.com

PERKINS COIE LLP **Correspondent Name:** P.O. BOX 1247 Address Line 1:

Address Line 4: SEATTLE, WASHINGTON 98111-1247

| NAME OF SUBMITTER: | HAN-WEI CHEN | |
|--------------------|----------------|--|
| SIGNATURE: | /Han-Wei Chen/ | |
| DATE SIGNED: | 04/26/2016 | |

Total Attachments: 3

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> **PATENT** REEL: 038528 FRAME: 0731 503800784

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 **EPAS ID: PAT3843293**

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------|----------------|
| BO LIU | 04/13/2016 |
| HONGJIE QIU | 04/14/2016 |

RECEIVING PARTY DATA

| Name: | QUALMAT, INC. | |
|-----------------|--------------------|--|
| Street Address: | 238 BUSKIRK STREET | |
| City: | MILPITAS | |
| State/Country: | CALIFORNIA | |
| Postal Code: | 95035 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15132070 |

CORRESPONDENCE DATA

Fax Number: (650)838-4350

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.

Phone: 6508384397

Email: amendez@perkinscoie.com

Correspondent Name: PERKINS COIE LLP
Address Line 1: P.O. BOX 1247

Address Line 4: SEATTLE, WASHINGTON 98111-1247

| ATTORNEY DOCKET NUMBER: | 116798-8001.US02 | |
|-------------------------|------------------|--|
| NAME OF SUBMITTER: | HAN-WEI CHEN | |
| SIGNATURE: | /s/ | |
| DATE SIGNED: | 04/22/2016 | |

Total Attachments: 2

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PATENT REEL: 038528 FRAME: 0732

ASSIGNMENT BY INVENTORS

Qualmat, Inc., a Corporation of California having its principal place of business at 238 Buskirk Street, Milpitas, CA 95035 (the "Assignee"), desires to acquire the entire right, title and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which Assignors acknowledge, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application and any other application claiming priority rights from the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"). Assignors warrant that Assignors own the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deems necessary or desirable to: perfect Assignee's enjoyment of the Rights; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignors request the Commissioner of Patents to issue any Patent of the United States that may be issued on the Invention(s) to Assignee.

1

Attorney Docket No. 116798-8001.US02

This Assignment may be executed in counterparts.

Date: 04-13-2016

Signature:

Bo Liu

Date: 04-14-2016

Signature:

Hongjie Qit

2

116798-8001.US02/130130123.1

RECORDED: 04/26/2016

PATENT REEL: 038528 FRAME: 0734