# 504949130 06/07/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4995877

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

#### **CONVEYING PARTY DATA**

| Name         | Execution Date |
|--------------|----------------|
| TRACY MATRAY | 08/10/2017     |
| SHARAT SINGH | 09/23/2017     |

### **RECEIVING PARTY DATA**

| Name:           | SONY CORPORATION OF AMERICA |
|-----------------|-----------------------------|
| Street Address: | 550 MADISON AVENUE          |
| City:           | NEW YORK                    |
| State/Country:  | NEW YORK                    |
| Postal Code:    | 10022                       |
| Name:           | SONY CORPORATION            |
| Street Address: | 1-7-1 KONAN, MINATO-KU      |
| City:           | TOKYO                       |
| State/Country:  | JAPAN                       |
| Postal Code:    | 108-0075                    |

# **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15543827 |

#### CORRESPONDENCE DATA

**Fax Number:** (206)682-6031

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: 206-622-4900
Email: DejiaB@Seedip.com

Correspondent Name: ERIC A. HARWOOD, PH.D.

Address Line 1: SEED IP LAW GROUP LLP

Address Line 2:701 FIFTH AVENUE, SUITE 5400Address Line 4:SEATTLE, WASHINGTON 98104

| ATTORNEY DOCKET NUMBER: | 870268.405USPC         |
|-------------------------|------------------------|
| NAME OF SUBMITTER:      | ERIC A. HARWOOD, PH.D. |
| SIGNATURE:              | /Eric A. Harwood/      |

PATENT REEL: 046014 FRAME: 0085 DATE SIGNED: 06/07/2018

Total Attachments: 3
source=405USPC\_Assignment#page1.tif
source=405USPC\_Assignment#page2.tif
source=405USPC\_Assignment#page3.tif

PATENT REEL: 046014 FRAME: 0086

#### ASSIGNMENT

WHEREAS, we,

| Name         | Address   |  |
|--------------|---|--|
| Tracy Matray | 15233 78th Avenue SE, Snohomish, WA 98296         |  |
| Sharat Singh | 8171 Top O Morning Way, Rancho Santa Fe, CA 92067 |  |

(hereinafter referred to as ASSIGNORS), having mailing addresses as listed above, are the joint inventors of an invention entitled "ULTRA BRIGHT DIMERIC OR POLYMERIC DYES," as described and claimed in the specification for which an application for United States letters patent was filed July 14, 2017 and assigned Application No. 15/543,827; which application is a national stage application filed under 35 U.S.C. 371 of International Application No. PCT/US2016/031831, accorded an International Filing Date of May 11, 2016; and for which claims the benefit of U.S. Provisional Application which was filed on May 11, 2015 and assigned Application No. 62/159,771;

WHEREAS, Sony Corporation, a Japanese corporation and Sony Corporation of America, a corporation of the State of Delaware (hereinafter referred to as ASSIGNEES), having places of business at 1-7-1 Konan, Minato-ku, Tokyo 108-0075, Japan; and 550 Madison Avenue, New York, New York 10022, respectively, are desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions including any extensions or adjustments in term thereof, and in any and all divisions, reissues and continuations thereof, including the right to sue and collect damages for past and present infringement of said letters patent; said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE.

PATENT REEL: 046014 FRAME: 0087 International Application No.: PCT/US2016/031831

U.S. Application No.: 15/543,827

ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

| Aug 10, 2017                        | THU -        | (Assignor  |
|-------------------------------------|--------------|--|
| Date                                | Tracy Matray | and the second s |
| State of WASHINGTON  County of KING | _)<br>) ss.  |  |

I certify that I know or have satisfactory evidence that Tracy Matray is the person who appeared before me, and said person acknowledged that she/he signed this instrument and acknowledged it to be her/his free and voluntary act for the uses and purposes mentioned in the instrument.

| Dated                         | Ang 10,2017             |
|-------------------------------|-------------------------|
| Signature of<br>Notary Public | Killedne                |
| Printed Name                  | KAREN HEDINE            |
| My appointme                  | ent expires May 4, 2021 |

NOTARY PUBLIC STATE OF WASHINGTON My Commission Expires May 4, 2021 International Application No.: PCT/US2016/031831 U.S. Application No.: 15/543,827

| 9/23/17 | Sharat Sind  | (Assignor |
|---------|--------------|-----------|
| Date    | Sharat Singh |           |

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of San Dego

On Systember 23rd, 2017, before me, KMO Maid, Notwy Rubir.

(Here insert name and title of the officer)

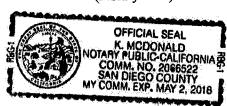
personally appeared Sharat Singh, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of Notary Public

(Notary Seal)



(5663772\_1.doc) Docket No. 870268,405USPC

3