

# SIMULTANEOUS DOCTOR BLADING OF DIFFERENT COLORED ORGANIC LIGHT EMITTING DIODES

Tech ID: 27270 / UC Case 2017-077-0

## PATENT STATUS

| Country                  | Type          | Number     | Dated      | Case     |
|--------------------------|---------------|------------|------------|----------|
| United States Of America | Issued Patent | 11,127,932 | 09/21/2021 | 2017-077 |

Additional Patent Pending

## BRIEF DESCRIPTION

Methods for the simultaneous printing via doctor blading of at least two different colored emissive layers for organic light emitting diodes (OLEDs) on a single substrate.

## SUGGESTED USES

Multi-colored OLED arrays can be used in pulse oximetry, macro displays, hematoma sensing, and acne treatment devices.

## ADVANTAGES

## RELATED MATERIALS

## CONTACT

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## INVENTORS

» Arias, Ana Claudia

## OTHER INFORMATION

### CATEGORIZED AS

- » **Biotechnology**
- » Bioinformatics
- » Health
- » **Materials & Chemicals**
- » Biological
- » **Medical**
- » Devices
- » Diagnostics
- » **Sensors & Instrumentation**
- » Biosensors

### RELATED CASES

2017-077-0

## ADDITIONAL TECHNOLOGIES BY THESE INVENTORS

- ▶ Printed All-Organic Reflectance Oximeter Array
- ▶ Biodegradable Potentiometric Sensor to Measure Ion Concentration in Soil
- ▶ Scalable And High-Performance Pressure Sensors For Wearable Electronics
- ▶ Pulse Oximeter Using Ambient Light
- ▶ A Potentiometric Mechanical Sensor
- ▶ Organic Multi-Channel Optoelectronic Sensors For Smart Wristbands
- ▶ Printed Organic Leds And Photodetector For A Flexible Reflectance Measurement-Based Blood Oximeter



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