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

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

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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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