

PATENTS



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Prof. Hamed Majdooa Algarni

1- METHOD AND THE STAND FOR MEASUREMENT OF LASER-STIMULATED CHANGE OF THE TERTIARY NON-LINEAR OPTICAL CHANGE IN GLASSES, PREFERABLY FLUORO-TELLURITE GLASSES

EL SAYED SAID YOUSEF, HAMED MAJDOOA ALGARNI, MANUELA REBEN, IWAN KITYK, JAROSŁAW JĘDRYKA, KATARZYNA OŹGA

2019-07-01, 14/2019, P003 - Zgłoszenia wynalazków lub wzorów użytkowych A1

2- NANOCRYSTALLINE AND MESOPOROUS ANATASE TiO₂ FILMS COMPOSITION AND ITS SYNTHESIZING PROCESS THEREO

SF Shaikh, SMA Al-Moayid, BG Ghule, M Shkir, Haitham Elhosiny Ali, Hamed Majdooa Algarni, Mohd Ubaidullah, Rajaram S. Mane

US Patent App. 18/175,920. Publication of US20230212403A1

3- REDUCED GRAPHENE-COBALT CHROMATE COMPOSITE COMPOSITION FOR HUMIDITY SENSOR APPLICATIONS AND ITS FABRICATION PROCESS AND SYSTEM

SM Al-Moayid, Mohd Shkir, Haitham Elhosiny Ali, Hamed Majdooa Algarni, Mohd Ubaidullah, Abdullah M Al-Enizi

US Patent App. 18/184,355. Publication of US20230221273A1

4- AN ADVANCED PORTABLE TRACE DRUG DETECTOR-SRA20

Nasser Sayed Awwad Mohamed, Hala Aly Ibrahim Uosef, Haitham Elhosiny Ali Ibrahim, Mohammad Y. Alshahrani, Ali Abdullah Shati, Hamed Algarni, Mohamed Hamdy Saad

GOV.UK. Number 6309475

5- A MICROWAVE-ASSISTED PYROLYSIS SYSTEM AND METHOD THEREOF

Anuj Kumar, Mohd Ubaidullah, S.M. Al-moayid, Mohd. Shkir, Hamed Majdooa Algarni

US Patent App. 18/345,328.

5- A MICROWAVE-ASSISTED PYROLYSIS SYSTEM AND METHOD THEREOF

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Dr. Haitham Ibrahim Elhosiny

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Dr. MOHD SHKIR (SHAKIR) Shfi Ahmad

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US Patent App. 18/345,328.



Prof. Ibrahim Sayed Mohamed Hussein

1- ROLE OF HOLE SELECTIVE CONTACT IN EFFICIENCY IMPROVEMENT OF ITO-FREE INP/MOO3/PEDOT:PSS NANOWIRE SOLAR CELLS

Suneet Kumar Agnihotri, Samia Nasr, Dwadasi Venkata Prashant, Dip Prakash Samajdar, Ibrahim Sayed Yahia

2023-05-2, B82B 1/100, Munchen, German

2- PATIENT HEALTH MONITORING SYSTEM

Mr. Ankit Jain, Dr. Anita Shukla, Dr. Shailendra Singh, Suneet Kumar Agnihotri, Dr Dip Prakash Samajdar, Ibrahim Sayed Yahia.

05/07/2023, 389870-001, India

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Prof . El Sayed Said Yousef

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Dr. Imed Al Hannachi Boukhris

**Solar Power Bank/ Solar Power Bank with Mobile Phone Stand International Design Classification: Version: 14-2023,
Class: 13 EQUIPMENT FOR PRODUCTION, DISTRIBUTION OR TRANSFORMATION OF ELECTRICITY**

Subclass: 04 SOLAR EQUIPMENT

Dr. Imed Boukhris, Dr. Imen Kebaili, Dr. Ameni Brahmia, Dr. Ismat H. Ali, Dr. Mohammed A. Assiri, Dr. Riadh Marzouki

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Dr. Imen Al-Azhar Kebaili

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Dr. Imed Boukhris, Dr. Imen Kebaili, Dr. Ameni Brahmia, Dr. Ismat H. Ali, Dr. Mohammed A. Assiri, Dr. Riadh Marzouki

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Prof. Abdalh Al-Sehimi

1- Photomemcapacitor and method for the production thereof

US 11,205,737 B1

2- Method for making an elastomeric conductive nanocomposite

US 11,203,684 B1

3- Conductive nanocomposite having a dual temperature coefficient of resistance and a method of preparing Thereof

US 10,982,082 B1

4- Hybrid junction solar light sensitive device

US 10,964,899 B1

5- Construction of Elastomeric Biocomposite Intended for Insulating Layers and Pads with Regard to Flexible Antenna

US-20210054175-A1

6- Elastomer composition intended for embedding a compact antenna

BG67321B1

7- Composition of Elastomeric Biocomposite for Insulating Layers and Substrates in Flexible Antennasereof

BG67373B1

8- Composition of elastomeric biocomposite for insulating layers and substrates in flexible antennas

BG112988A

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Prof. Abdalh Al-Sehimi

9- Synthesis And In Silico Studies of Novel Anti-SARS-COV Sulfonamides As Potential Inhibitors Against COVID-19 Protein Target: SARS-COV-2 Main Protease (M PRO)
WO2022/049567

10- Construction of elastomeric biocomposite intended for insulating layers and pads with regard to flexible antenna
US 11,359,076 B2

11- Elastomeric iron/graphene nanocompositef
US 11,214,671 B1

12- A system for the synthesis and biological evaluation of novel urea analogues
DPMA202023100373

13- A P-N Organic Battery, a Method of Fabricating the Battery Thereof
US-20230343960-A1

14- Aggregation induced emissive fluorophores (AIEGENS) interconnected through nonconjugated spacer, process for preparation and applications
WO2023/021495A3

15- Novel Urea Analogues Containing 5-Amino Uracil: One-Pot Green Synthesis And In Vitro Biological Evaluation
WO2023/021496A2

16- Zinc-Based Metal Organic Framework with A High Selectivity for Cationic Dyes
WO2024084475

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Prof. Abdalh Al-Sehimi

**17- Flexible Wearable Antenna
Intended for Wireless
Communications
US-20240021975-A1**

**18- Metal Organic
Framework Materials and
Application Thereof in
Electrocatalysis**

**19- Thin Film Coating
Apparatus and Method for
Use of Thin Film Coating
Apparatus
US-20240149295-A1**

**20- Thin-Film Sensor and
Method of Fabricating Thin-
Film Sensor
US-20240155852-A1**

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Dr. A. Kalam Al-Ansari

1- Photomemcapacitor and method for the production thereof

US 11,205,737 B1

2- Method for making an elastomeric conductive nanocomposite

US 11,203,684 B1

3- Conductive nanocomposite having a dual temperature coefficient of resistance and a method of preparing Thereof

US 10,982,082 B1

4- Hybrid junction solar light sensitive device

US 10,964,899 B1

5- Elastomeric iron/graphene nanocompositef

US 11,214,671 B1

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Dr. Riadh Marzouki

**1- Sea Water Desalination
Apparatus Using Solar Energy
UK-6320583**

**2- Testing Chamber for
Chemicals
UK-6339331**

**3- Solar Power Bank/ Solar
Power Bank with Mobile
Phone Stand
UK-6353603**

**4- Solar Chemical
Dispenser
UK-6338075**

**5- Nanotechnology Based
Smart Capsule to Purify
Water
UK-6350854**

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Dr. Ameni Brahmia

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UK-6320583**

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UK-6339331**

**3- Solar Power Bank/ Solar
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UK-6353603**

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Prof. AbuBakr idris

1- Date Palm leaf reference materials and use thereof

EP4154734A1

2- Date Fruit reference materials and use thereof

EP4154730A1

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Dr. Mongi Amami

**1- Solar Chemical Dispenser
UK-6338075**

**2- Nanotechnology Based
Smart Capsule to Purify
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UK-6350854**