

helps the USPTO assess the impact of its information collection requirements and minimize the public's reporting burden. Public comments were previously requested via the **Federal Register** on September 7, 2021 during a 60-day comment period. This notice allows for an additional 30 days for public comments.

*Agency:* United States Patent and Trademark Office, Department of Commerce.

*Title:* Representative and Address Provisions.

*OMB Control Number:* 0651-0035.

*Form Number(s):* (AIA = American Invents; SB = Specimen Book).

- PTO/AIA/80; PTO/SB/80 (Power of Attorney to Prosecute Applications Before the USPTO)
- PTO/AIA/81 (Power of Attorney to One or More of the Joint Inventors and Change of Correspondence Address)
- PTO/SB/81 (Power of Attorney or Revocation of Power of Attorney with a New Power of Attorney and Change of Correspondence Address)
- PTO/AIA/81A; PTO/SB/81A (Patent—Power of Attorney or Revocation of Power of Attorney with a New Power of Attorney and Change of Correspondence Address)
- PTO/AIA/81B (Reexamination or Supplemental Examination—Patent Owner Power of Attorney or Revocation of Power of Attorney With a New Power of Attorney and Change of Correspondence Address for Reexamination or Supplemental Examination and Patent)
- PTO/SB/81B (Reexamination—Patent Owner Power of Attorney or Revocation of Power of Attorney with a New Power of Attorney and Change of Correspondence Address)
- PTO/SB/81C (Reexamination—Third Party Requester Power of Attorney or Revocation of Power of Attorney with a New Power of Attorney and Change of Correspondence Address)
- PTO/AIA/82A; PTO/AIA/82B; PTO/AIA/82C (Transmittal for Power of Attorney To One Or More Registered Practitioners/Power Of Attorney By Applicant)
- PTO/AIA/83; PTO/SB/83 (Request for Withdrawal as Attorney or Agent and Change of Correspondence Address)
- PTO/SB/124 (Request for Customer Number Data Change)
- PTO/SB/125 (Request for Customer Number)
- PTO/2248 (Request to Update a PCT Application with a Customer Number)

*Type of Review:* Extension and revision of a currently approved information collection.

*Estimated Number of Respondents:* 184,743 respondents per year.

*Estimated Number of Responses:* 226,573 responses per year.

*Average Hour per Response:* The USPTO estimates that it takes the public approximately between 0.2 hours (12 minutes) and 1.5 hours (90 minutes) to submit the information in this information collection, including the time to gather the necessary information, prepare the appropriate form or document, and submit the completed item to the USPTO.

*Estimated Total Annual Respondent Burden Hours:* 111,104 hours per year.

*Estimated Total Annual Non-Hour Cost Burden:* \$26,695 per year.

*Needs and Uses:* The public uses this information collection to grant or revoke power of attorney, to withdraw as attorney or agent of record, to authorize a practitioner to act in a representative capacity, to request a Customer Number, and to change the data associated with a Customer Number. This information collection is necessary so that the USPTO knows who is authorized to take action in an application, patent, or reexamination proceeding and where to send correspondence regarding an application, patent, or reexamination proceeding. In this notice, the USPTO has updated and slightly revised its estimated numbers from those originally published in the 60-day notice.

*Affected Public:* Private sector; individuals or households.

*Frequency:* On occasion.

*Respondent's Obligation:* Required to obtain or retain benefits.

This information collection request may be viewed at [www.reginfo.gov](http://www.reginfo.gov). Follow the instructions to view Department of Commerce, USPTO information collections currently under review by OMB.

Written comments and recommendations for this information collection should be submitted within 30 days of the publication of this notice on the following website [www.reginfo.gov/public/do/PRAMain](http://www.reginfo.gov/public/do/PRAMain). Find this particular information collection by selecting "Currently under 30-day Review—Open for Public Comments" or by using the search function and entering either the title of the information collection or the OMB Control Number 0651-0035.

Further information can be obtained by:

- *Email:* [InformationCollection@uspto.gov](mailto:InformationCollection@uspto.gov). Include "0651-0035 information request" in the subject line of the message.
- *Mail:* Kimberly Hardy, Office of the Chief Administrative Officer, United States Patent and Trademark Office,

P.O. Box 1450, Alexandria, VA 22313-1450.

**Kimberly Hardy,**

*Information Collections Officer, Office of the Chief Administrative Officer, United States Patent and Trademark Office.*

[FR Doc. 2021-25930 Filed 11-26-21; 8:45 am]

**BILLING CODE 3510-16-P**

## DEPARTMENT OF DEFENSE

### Department of the Air Force

#### Notice of Intent To Grant a Partially Exclusive Patent License

**AGENCY:** Department of the Air Force, Department of Defense.

**ACTION:** Notice of intent.

**SUMMARY:** Pursuant to the Bayh-Dole Act and implementing regulations, the Department of the Air Force hereby gives notice of its intent to grant a partially exclusive patent license to UES Inc., a small business, having a place of business at 4401 Dayton-Xenia Road, Dayton, OH 45432-1894. Such license is partially exclusive as it is limited to the field of electronics.

**DATES:** Written objections must be filed no later than fifteen (15) calendar days after the date of publication of this Notice.

**ADDRESSES:** Submit written objections to James F. McBride, Air Force Materiel Command Law Office, AFMCLO/JAZ, 2240 B Street, Area B, Building 11, Wright-Patterson AFB, OH 45433-7109; Facsimile: (937) 255-9318; or Email: [afmclo.jaz.tech@us.af.mil](mailto:afmclo.jaz.tech@us.af.mil). Include Docket ARX-210727A-PL in the subject line of the message.

**FOR FURTHER INFORMATION CONTACT:** James F. McBride, Air Force Materiel Command Law Office, AFMCLO/JAZ, 2240 B Street, Area B, Building 11, Wright-Patterson AFB, OH 45433-7109; Telephone: (937) 713-0229; Facsimile: (937) 255-9318; or Email: [afmclo.jaz.tech@us.af.mil](mailto:afmclo.jaz.tech@us.af.mil).

**SUPPLEMENTARY INFORMATION:** The Department of the Air Force may grant the prospective license unless a timely objection is received that sufficiently shows the grant of the license would be inconsistent with the Bayh-Dole Act or implementing regulations. A competing application for a patent license agreement, completed in compliance with 35 U.S.C. 209; 37 CFR 404. and received by the Air Force within the period for timely objections, will be treated as an objection and may be considered as an alternative to the proposed license.

## Abstract of Patents and Patent Application(s)

I. Articles comprising a resistor comprising core shell liquid metal encapsulates and methods of detecting an impact on an article using a resistor comprising core shell liquid metal encapsulates are disclosed. Such core shell liquid metal encapsulates enable simple but robust impact sensors as such encapsulates comprise a highly electrically resistant metal oxide shell that prevents such encapsulates from coalescing. Yet when such shell is ruptured, the highly conductive bulk liquid metal is released. Such liquid metal changes electrical properties of a sensor comprising core shell liquid metal encapsulates which in turn is evidence of the aforementioned impact.

### *Intellectual property:*

- U.S. Patent No. 10,900,848 B2, that issued on January 26, 2021, and entitled “Articles comprising a resistor comprising core shell liquid metal encapsulates and method of detecting an impact.”

II. The present invention relates to core shell liquid metal encapsulates comprising multi-functional ligands, networks comprising such encapsulates and processes of making and using such encapsulates and networks. When subjected to strain, such network’s conductivity is enhanced, thus allowing the network to serve as a healing agent that restores at least a portion of the conductivity in an adjacent conductor.

### *Intellectual property:*

- U.S. Patent No. 11,100,223 B2, that issued on August 24, 2021, and U.S. Patent Application Serial No. 17/376,644, that was filed on July 15, 2021. Such patent and patent application being entitled “Core shell liquid metal encapsulates comprising multi-functional ligands and networks comprising same”

III. The present invention relates to articles comprising core shell liquid metal encapsulate networks and methods of using core shell liquid metal encapsulate networks to control AC signals and power. Such method permits the skilled artisan to control the radiation, transmission, reflection and modulation of an AC signal and power. As a result, AC system properties such as operation frequency, polarization, gain, directionality, insertion loss, return loss, and impedance can be controlled under strain.

### *Intellectual property:*

- U.S. Patent Application Serial No. 16/580,652, that was filed on September 24, 2019, and entitled “Articles comprising core shell liquid metal

*encapsulate networks and method to control alternating current signals and power”.*

IV. The present invention relates to substrates comprising a network comprising core shell liquid metal encapsulates comprising multi-functional ligands and processes of making and using such substrates. The core shell liquid metal particles are linked via ligands to form such network. Such networks volumetric conductivity increases under strain which maintains a substrate’s resistance under strain. The constant resistance results in consistent thermal heating via resistive heating. Thus allowing a substrate that comprises such network to serve as an effective heat provider.

### *Intellectual property:*

- U.S. Patent No. 11,102,883 B2, that issued on August 24, 2021, and U.S. Patent Application Serial No. 17/386,807, that was filed on July 28, 2021. Such patent and patent application being entitled “Substrates comprising a network comprising core shell liquid metal encapsulates comprising multi-functional ligands”

V. The present invention relates to architected liquid metal networks and processes of making and using same. The predetermined template design technology of such architected liquid metal networks provides the desired spatial control of electrical, electromagnetic, and thermal properties as a function of strain. Thus, resulting in improved overall performance including process ability.

### *Intellectual property:*

- U.S. Patent Application Serial No. 16/671,750, that was filed on November 1, 2019, and entitled “Architected liquid metal networks and processes of making and using same”.

**Tommy W. Lee,**

*Air Force Federal Register Liaison Officer.*

[FR Doc. 2021–25905 Filed 11–26–21; 8:45 am]

**BILLING CODE 5001–10–P**

## ELECTION ASSISTANCE COMMISSION

### Agency Information Collection Activities; Proposals, Submissions, and Approvals; 2022 Election Administration and Voting Survey (EAVS)

**AGENCY:** U.S. Election Assistance Commission (EAC).

**ACTION:** Notice.

**SUMMARY:** In compliance with the *Paperwork Reduction Act* of 1995, the EAC announces an information collection and seeks public comment on

the provisions thereof. The EAC intends to submit this proposed information collection (2022 Election

Administration and Voting Survey, or EAVS) to the Director of the Office of Management and Budget for approval. The 2022 EAVS asks election officials questions concerning voting and election administration, including the following topics: Voter registration; overseas and military voting; voting by mail; early in-person voting; polling operations; provisional voting; voter participation; election technology; election policy; and other related issues.

**DATES:** Written comments must be submitted on or before January 28, 2022.

**Comments:** Public comments are invited on: (a) Whether the proposed collection of information is necessary for the proper performance of the functions of the agency, including whether the information shall have practical utility; (b) the accuracy of the agency’s estimate of the burden of the proposed information collection; (c) ways to enhance the quality, utility, and clarity of the information to be collected; and (d) ways to minimize the burden of the information collection on respondents, including through the use of automated collection techniques or other forms of information technology.

Comments on the proposed information collection should be submitted electronically via <https://www.regulations.gov> (docket ID: EAC–2021–0002). Written comments on the proposed information collection can also be sent to the U.S. Election Assistance Commission, 633 3rd Street NW, Suite 200, Washington, DC 20001, *Attn:* EAVS.

**Obtaining a Copy of the Survey:** To obtain a free copy of the draft survey instrument: (1) Download a copy at <https://www.regulations.gov> (docket ID: EAC–2021–0002); or (2) write to the EAC (including your address and phone number) at U.S. Election Assistance Commission, 633 3rd Street NW, Suite 200, Washington, DC 20001, *Attn:* EAVS.

**FOR FURTHER INFORMATION CONTACT:** Dr. Nichelle Williams at 301–563–3919, or email [research@eac.gov](mailto:research@eac.gov); U.S. Election Assistance Commission, 633 3rd Street NW, Suite 200, Washington, DC 20001.

### SUPPLEMENTARY INFORMATION:

*Title and OMB Number:* 2022 Election Administration and Voting Survey; OMB Number Pending.

### Needs and Uses

The EAC issues the EAVS to meet its obligations under the Help America Vote Act of 2002 (HAVA) to serve as a national clearinghouse and resource for