a patent license agreement, completed in compliance with 37 CFR 404.8 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.

Authority: 35 U.S.C. 209; 37 CFR 404.

Crystle C. Poge,

Air Force Federal Register Liaison Officer.

[FR Doc. 2026–08690 Filed 5–4–26; 8:45 am]

BILLING CODE 3911–44–P

DEPARTMENT OF DEFENSE

Department of the Air Force

[Docket No. PRS–284]

Notice of Intent To Grant an 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 an exclusive patent license to DarkPulse, a C Corporation, 3 Columbus Circle, Floor 15, New York, NY 10019.

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 Sara Telano, AFRL/RDOX, Technology Transfer Office, 3550 Aberdeen Avenue, Kirtland AFB, New Mexico 87117–5776; Telephone: 645–229–0089; Email: *sara.telano@us.af.mil.* Include Docket No. PRS–284 in the subject line of the message.

FOR FURTHER INFORMATION CONTACT: Melissa Ortiz, AFRL/RDOX, Technology Transfer Office, 3550 Aberdeen Avenue, Kirtland AFB, New Mexico 87117–5776; Telephone: 505–288–0475; Email: *melissa.ortiz.1.ctr@us.af.mil.*

SUPPLEMENTARY INFORMATION:

Abstract of Patent Application

In accordance with various embodiments of the disclosed subject matter, a system and method is configured for scheduling and invoking power sharing among satellites within a constellation of satellites such that energy storage systems at a target satellite may by charged prior to the use of electric propulsion thrust activation or other high electricity demand operations (or such operations contemporaneously augmented) by power beams transmitted from other (source) satellites within the constellation.

Intellectual Property

U.S. Patent No. 11,760,509, issued on September 19, 2023 and entitled ''System and method improving satellite capability through power sharing''.

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 37 CFR 404.8 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.

Authority: 35 U.S.C. 209; 37 CFR 404.

Crystle C. Poge,

Air Force Federal Register Liaison Officer.

[FR Doc. 2026–08688 Filed 5–4–26; 8:45 am]

BILLING CODE 3911–44–P

DEPARTMENT OF DEFENSE

Department of the Air Force

[Docket No. PRS–258]

Notice of Intent To Grant an 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 an exclusive patent license to DarkPulse, a C Corporation, 3 Columbus Circle, Floor 15, New York, NY 10019.

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 Sara Telano, AFRL/RDOX, Technology Transfer Office, 3550 Aberdeen Avenue, Kirtland AFB, New Mexico 87117–5776; Telephone: 645–229–0089; Email: *sara.telano@us.af.mil.* Include Docket No. PRS–258 in the subject line of the message.

FOR FURTHER INFORMATION CONTACT: Melissa Ortiz, AFRL/RDOX, Technology Transfer Office, 3550 Aberdeen Avenue, Kirtland AFB, New Mexico 87117–5776; Telephone: 505–288–0475; Email: *melissa.ortiz.1.ctr@us.af.mil.*

SUPPLEMENTARY INFORMATION:

Abstract of Patent Application

A desired N.sup.th-order Stokes output and zeroth-order Stokes pump input are seeded into a rare-earth doped amplifier where the power of the zeroth-order Stokes signal is amplified prior to both signals entering a Raman amplifier comprised of N − 1 Raman resonators, each uniquely tuned to one of the N − 1 Stokes orders, in various configurations to include one or more nested and/or in-series Raman resonators. The zeroth-order Stokes signal is converted to the N.sup.th − 1-order Stokes wavelength in steps and the power level of the N.sup.th-order Stokes wavelength is amplified as the two signals propagate through the Raman resonators. Each Raman resonator includes a photosensitive Raman fiber located between a pair of Bragg gratings. The linewidths of the Stokes orders can be controlled by offsetting the reflectivity bandwidths of each pair of Bragg gratings respectively located in the Raman resonators.

Intellectual Property

U.S. Patent No. 9,647,418, issued on May 9, 2017 and entitled ''Laser Generation using dual seeded nested and/or in-series raman resonators, for telecommunications applications.''

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 37 CFR 404.8 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.

Authority: 35 U.S.C. 209; 37 CFR 404.

Crystle C. Poge,

Air Force Federal Register Liaison Officer.

[FR Doc. 2026–08691 Filed 5–4–26; 8:45 am]

BILLING CODE 3911–44–P

DEPARTMENT OF DEFENSE

Department of the Air Force

[Docket No. PRS–302]

Notice of Intent To Grant an 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 an exclusive patent license to DarkPulse, a C Corporation, 3 Columbus Circle, Floor 15, New York, NY 10019.

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 Sara Telano, AFRL/RDOX, Technology Transfer Office, 3550 Aberdeen Avenue, Kirtland AFB, New Mexico 87117–5776; Telephone: 645–229–0089; Email: *sara.telano@us.af.mil.* Include Docket No. PRS–302 in the subject line of the message.

FOR FURTHER INFORMATION CONTACT: Melissa Ortiz, AFRL/RDOX, Technology Transfer Office, 3550 Aberdeen Avenue, Kirtland AFB, New Mexico 87117–5776; Telephone: 505–288–0475; Email: *melissa.ortiz.1.ctr@us.af.mil.*

SUPPLEMENTARY INFORMATION:

Abstract of Patent Application

A system comprising an orbiting transponder in bilateral communication with a hub and a plurality of terminals. The hub automatically allocates power to the transponder based upon prequalification criteria, then dynamically adjusts an uplink carrier to noise ratio to prevent loss of weak signals. The system, and method of operation may further minimize variance in uplink adjustments according to a predictive algorithm.

Intellectual Property

U.S. Patent No. 12,133,210 B2, issued on October 29, 2024 and entitled ''Dynamically controlled satellite hub and method of operations''.

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 37 CFR 404.8 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.

Authority: 35 U.S.C. 209; 37 CFR 404.

Crystle C. Poge,

Air Force Federal Register Liaison Officer.

[FR Doc. 2026–08658 Filed 5–4–26; 8:45 am]

BILLING CODE 3911–44–P

DEPARTMENT OF DEFENSE

Department of the Air Force

[Docket No. PRS–309]

Notice of Intent To Grant an 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 an exclusive patent license to DarkPulse, a C Corporation, 3 Columbus Circle, Floor 15, New York, NY 10019.

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 Sara Telano, AFRL/RDOX, Technology Transfer Office, 3550 Aberdeen Avenue, Kirtland AFB, New Mexico 87117–5776; Telephone: 645–229–0089; Email: *sara.telano@us.af.mil.* Include Docket No. PRS–309 in the subject line of the message.

FOR FURTHER INFORMATION CONTACT: Melissa Ortiz, AFRL/RDOX, Technology Transfer Office, 3550 Aberdeen Avenue, Kirtland AFB, New Mexico 87117–5776; Telephone: 505–288–0475; Email: *melissa.ortiz.1.ctr@us.af.mil.*

SUPPLEMENTARY INFORMATION:

Abstract of Patent Application

A method of precoding the power of a channel of a ground terminal in communication with a satellite. The ground terminal is subject to limitations in terrestrial mobile network rates and other congestion conditions. An actual signal-to-interference-plus-noise ratio is calculated and adjusted according to a desired signal-to-interference-plus-noise ratio for a predetermined time epoch. The actual signal-to-interference-plus-noise ratio is adjusted while considering the competing requirements of both: the energy of the difference between the successive actual/desired signal-to-interference-plus-noise ratio levels and the energy of the control sequences. The actual signal-to-interference-plus-noise ratio is autonomously converged with the desired with the signal-to-interference-plus-noise ratio, subject to the limitations in terrestrial mobile network rates and other congestion conditions, by dynamically minimizing covariance error and predicting gain for the epoch.

Intellectual Property

U.S. Patent No. 11,996,916 B2, issued on May 28, 2024 and entitled ''System and methods of on-ground digital precoding for hybrid terrestrial-satellite mobile networks''.

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 37 CFR 404.8 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.

Authority: 35 U.S.C. 209; 37 CFR 404.

Crystle C. Poge,

Air Force Federal Register Liaison Officer.

[FR Doc. 2026–08659 Filed 5–4–26; 8:45 am]

BILLING CODE 3911–44–P

DEPARTMENT OF DEFENSE

Department of the Air Force

[Docket No. PRS–316]

Notice of Intent To Grant an 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 an exclusive patent license to DarkPulse, a C Corporation, 3 Columbus Circle, Floor 15, New York, NY 10019.

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 Sara Telano, AFRL/RDOX, Technology Transfer Office, 3550 Aberdeen Avenue, Kirtland AFB, New Mexico 87117–5776; Telephone: 645–229–0089; Email: *sara.telano@us.af.mil.* Include Docket No. PRS–316 in the subject line of the message.

FOR FURTHER INFORMATION CONTACT: Melissa Ortiz, AFRL/RDOX, Technology Transfer Office, 3550 Aberdeen Avenue, Kirtland AFB, New Mexico 87117–5776; Telephone: 505–288–0475; Email: *melissa.ortiz.1.ctr@us.af.mil.*

SUPPLEMENTARY INFORMATION: