

clutter. A processor mitigates a clutter cloud in a reflected radar signal, the clutter cloud having a velocity growth rate. The processor includes an input for receiving a reflected radar signal, a delay line having a plurality of moving target indicator (MTI) Doppler filters, and an output connected in circuit with the plurality of MTI Doppler filters. The delay line covers a Doppler frequency range corresponding to the velocity growth rate of the clutter cloud. The reflected radar signal passes through the delay line to mitigate a portion of the reflected radar signal that is reflected by the clutter cloud from the reflected radar signal.

**Brenda S. Bowen,**

*Army Federal Register Liaison Officer.*

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**BILLING CODE 3710-08-M**

## DEPARTMENT OF DEFENSE

### Department of the Army

#### **Availability of Non-Exclusive, Exclusive License or Partially Exclusive Licensing of U.S. Patent Concerning Methods for Polymerization of Electronic and Photonic Polymers**

**AGENCY:** Department of the Army, DoD.

**ACTION:** Notice.

**SUMMARY:** In accordance with 37 CFR part 404.6, announcement is made of the availability for licensing of U.S. Patent No. US 7,186,792 B2 entitled "Methods for Polymerization of Electronic and Photonic Polymers" issued March 6 2007. This patent has been assigned to the United States Government as represented by the Secretary of the Army.

**FOR FURTHER INFORMATION CONTACT:** Mr. Jeffrey DiTullio at U.S. Army Soldier Systems Center, Kansas Street, Natick, MA 01760, Phone; (508) 233-4184 or E-mail: [Jeffrey.DiTullio@us.army.mil](mailto:Jeffrey.DiTullio@us.army.mil).

**SUPPLEMENTARY INFORMATION:** Any licenses granted shall comply with 35 U.S.C. 209 and 37 CFR part 404.

**Brenda S. Bowen,**

*Army Federal Register Liaison Officer.*

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## DEPARTMENT OF DEFENSE

### Department of the Army

#### **Availability of Non-Exclusive, Exclusive License or Partially Exclusive Licensing of U.S. Patent Concerning Methods for Polymerization of Electronic and Photonic Polymers**

**AGENCY:** Department of the Army, DoD.

**ACTION:** Notice.

**SUMMARY:** In accordance with 37 CFR part 404.6, announcement is made of the availability for licensing of U.S. Patent No. US 7,186,791 B2 entitled "Methods for Polymerization of Electronic and Photonic Polymers" issued March 6, 2007. This patent has been assigned to the United States Government as represented by the Secretary of the Army.

**FOR FURTHER INFORMATION CONTACT:** Mr. Jeffrey DiTullio at U.S. Army Soldier Systems Center, Kansas Street, Natick, MA 01760, Phone; (508) 233-4184 or E-mail: [Jeffrey.DiTullio@us.army.mil](mailto:Jeffrey.DiTullio@us.army.mil).

**SUPPLEMENTARY INFORMATION:** Any licenses granted shall comply with 35 U.S.C. 209 and 37 CFR part 404.

**Brenda S. Bowen,**

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## DEPARTMENT OF DEFENSE

### Department of the Army

#### **Availability for Non-Exclusive, Exclusive, or Partially Exclusive Licensing of U.S. Patent Concerning a Multiple Pass Faraday Rotation Amplifier**

**AGENCY:** Department of the Army, DoD.

**ACTION:** Notice.

**SUMMARY:** In accordance with 37 CFR 404.6 and 404.7, announcement is made of the availability for licensing of the invention set forth in U.S. Patent No. 7,095,555 entitled "Multiple Pass Faraday Rotation Amplifier," issued on August 22, 2006. The United States Government, as represented by the Secretary of the Army, has rights in this invention.

**ADDRESSES:** Office of Research and Technology Applications, SDMC-RDTC-TDL (Ms. Susan D. McRae), Bldg. 5520, Von Braun Complex, Redstone Arsenal, AL 35898.

**FOR FURTHER INFORMATION CONTACT:** Ms. Joan Gilsdorf, Patent Attorney, e-mail: [joan.gilsdorf@smdc.army.mil](mailto:joan.gilsdorf@smdc.army.mil) (256) 955-

3213 or Ms. Susan D. McRae, Office of Research and Technology Applications, e-mail: [susan.mcrae@army.mil](mailto:susan.mcrae@army.mil); (256) 955-1501.

**SUPPLEMENTARY INFORMATION:** The invention pertains to the amplification of Faraday or Voigt rotation in thin film materials by passing a light beam through a sample of material many times through use of multiple internal reflections and successive mirrored chambers that repeatedly send the light beam back through the sample.

**Brenda S. Bowen,**

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## DEPARTMENT OF DEFENSE

### Department of the Army, Corps of Engineers

#### **Notice of Availability for the Final Environmental Impact Statement/ Environmental Impact Report for the Burlington Northern Santa Fe (BNSF) Cajon Third Main Track Summit to Keenbrook, San Bernardino County, CA**

**AGENCY:** Department of the Army, U.S. Army Corps of Engineers, DoD.

**ACTION:** Notice of Availability.

**SUMMARY:** Pursuant to section 102(2)(c) of the National Environmental Policy Act (NEPA) of 1969 (as amended), the U.S. Army Corps of Engineers, Los Angeles District (Corps) Regulatory Branch, in coordination with the County of San Bernardino and in cooperation with U.S. Forest Service, has completed a Final Environmental Impact Statement/Environmental Impact Report (EIS/EIR) for the Burlington Northern Santa Fe (BNSF) Third Main Track Summit to Keenbrook Project. The proposed BNSF project requires authorization pursuant to section 404 of the Clean Water Act for approximately 2.95 acres of fill placement in jurisdictional waters of the United States, including wetlands, to construct 15.9 miles of a new main track through the Cajon Pass in San Bernardino County, California. Three alternatives were co-equally analyzed in the EIS/EIR, including Alternative 1 (Reduced Footprint), Alternative 2 (Standard Engineering Design) and the No Action Alternative, as required by NEPA. As the project proponent and applicant, the BNSF Railway Co. selected Alternative 1 as its preferred alternative. The Corps determined Alternative 1 is the environmentally preferred alternative and the least environmentally damaging