



DEPARTMENT OF DEFENSE

Department of the Navy

Notice of Availability of Government-Owned Inventions;
Available for Licensing

AGENCY: Department of the Navy, DoD.

ACTION: Notice.

SUMMARY: The inventions listed below are assigned to the United States Government, as represented by the Secretary of the Navy and are available for domestic and foreign licensing by the Department of the Navy.

The following patents are available for licensing: Patent

No. 8,784,584: PERCHLORATE-FREE YELLOW SIGNAL FLARE

COMPOSITION//Patent No. 8,782,944: ACCESSORY INTERFACE

SYSTEM//Patent No. 8,802,983: PROTECTIVE MEMBERS FOR AN

ELECTRICAL INTERFACE ASSEMBLY//Patent No. 8,669,504: HAND
LAUNCHABLE UNMANNED AERIAL VEHICLE//Patent No. 8,738,324:
METHOD AND SYSTEM FOR DETERMINATION OF DETECTION
PROBABILITY OF A TARGET OBJECT BASED ON A RANGE//Patent
No.8,493,261: COUNTERMEASURE DEVICE FOR A MOBILE TRACKING
DEVICE//Patent No. 8,526,097: TUNABLE DETECTION SYSTEM//
Patent No. 8,576,548: COMMUNICATIONS VEHICLE//Patent No.
8,692,171: HAND LAUNCHABLE UNMANNED AERIAL VEHICLE//
Patent No. 8,434,397: HELICOPTER WEAPON MOUNTING SYSTEM//
Patent No. 8,209,897: TARGETING SYSTEM FOR A PROJECTILE
LAUNCHER//Patent No. 8,573,109: AMMUNITION CANISTER AND
FEED SYSTEM//Patent No. 8,692,729: ANTENNA WITH SHAPED
DIELECTRIC LOADING//Patent No. 8,531,114: ILLUMINATION
BEACON//Patent No. 8,216,403: PERCHLORATE-FREE RED SIGNAL
FLARE COMPOSITION//Patent No. 8,366,847: PERCHLORATE-FREE
YELLOW SIGNAL FLARE COMPOSITION//Patent No. 8,215,236:
SIGNAL TRANSMISSION SURVEILLANCE SYSTEM//Patent No.
8,001,901: SIGNAL TRANSMISSION SURVEILLANCE SYSTEM//
Patent No. 8,543,357: RF POWER DENSITY AND FIELD
CHARACTERIZATION TECHNIQUE//Patent No. 8,788,218: EVENT
DETECTION SYSTEM HAVING MULTIPLE SENSOR SYSTEMS IN
COOPERATION WITH AN IMPACT DETECTION SYSTEM//Patent No.
8,788,220: VEHICLE DAMAGE DETECTION SYSTEM//Patent No.
8,365,664: IMPULSE CARTRIDGE//Patent No. 8,250,979:

MULTIPLE BAY EJECTION DEVICE SYSTEM//Patent No. 8,671,840:
FLEXIBLE FRAGMENTATION SLEEVE//Patent No. 8,234,978: HAND-
HELD FIRING DEVICE//Patent No. 8,356,541: VEHICLE
PROTECTIVE STRUCTURE//Patent No. 8,146,480: VEHICLE
PROTECTIVE STRUCTURE//Patent No. 8,479,434: ACCESSORY
INTERFACE SYSTEM//Patent No. 8,478,335: SYSTEM AND METHOD
FOR RADIO COMMUNICATION//Patent No. 8,151,426: METHOD OF
CONVERTING A TRAILER CONFIGURATION//Patent No.8,276,325:
VEHICLE AND MAST MOUNTING ASSEMBLY THEREFOR//Patent No.
8,146,283: WEAPON MOUNTED ADAPTER//Patent No. 7,988,802:
THERMITE TORCH FORMULATION INCLUDING COMBINED OXIDIZERS//
Patent No. 7,998,291: THERMITE TORCH FORMULATION INCLUDING
MOLYBDENUM TRIOXIDE//Patent No. 8,737,634: WIDE AREA
NOISE CANCELLATION SYSTEM AND METHOD//Patent No.
8,297,626: PRESSURE SEAL//Patent No. 8,154,954:
PROJECTILE FOR FOCUSING A KINETIC PULSE ARRAY//Patent No.
7,804,741: SYSTEM AND METHOD FOR FOCUSING A KINETIC PULSE
ARRAY//Patent No. 7,948,829: LOCATOR SYSTEM AND METHOD
INCLUDING NODE AND TARGET ACQUISITION//Patent No.
8,402,892: SIMULTANEOUS NONELECTRIC PRIMING ASSEMBLY AND
METHOD//Patent No. 8,408,460: AUTO ADJUSTING RANGING
DEVICE//Patent No. 8,281,718: EXPLOSIVE FOIL INITIATOR AND
METHOD OF MAKING//Patent No. 8,445,813: COMPACT
PORTABLE HIGH POWER YTTERBIUM LASER//Patent No. 7,999,230:

TUNABLE DETECTION SYSTEM AND METHOD OF USE//Patent No.
8,420,977: HIGH POWER LASER SYSTEM//Patent No. 8,367,991:
MODULATION DEVICE FOR A MOBILE TRACKING DEVICE//Patent No.
8,581,771: SCENE ILLUMINATOR//Patent No. 8,212,709:
COUNTERMEASURE METHOD FOR A MOBILE TRACKING DEVICE//Patent
No.8,146,476: VEHICLE PROTECTIVE STRUCTURE//Patent
No.7,946,210: VEHICLE PROTECTIVE STRUCTURE//Patent No.
7,811,092: ROTARY ELECTRICAL CONTACT DEVICE//Patent No.
8,683,451: SYSTEM AND METHOD FOR TRANSLATING SOFTWARE
CODE//Patent No. 8,704,891: EXTERNAL MOUNTED ELECTRO-
OPTIC SIGHT FOR A VEHICLE//Patent No. 8,398,038: WHEEL
SUPPORT//Patent No. 8,557,421: REUSABLE ELECTROCHEMICAL
CELL TEST FIXTURE//Patent No. 8,667,333: EXTENSIBLE
TESTING SYSTEM//Patent No. 8,688,795: GPS EMBEDDED
INTERACTIVE NETWORK INTERFACE//Patent No. 8,151,683: LINK
CHUTE EJECTION ADAPTER//Patent No. 8,316,023: DATA
MANAGEMENT SYSTEM//Patent No. 8,283,562: ELECTRICAL
INTERFACE ASSEMBLY//Patent No. 8,789,261: COMMUNICATIONS
VEHICLE//Patent No. 8,450,609: PROTECTIVE MEMBERS FOR AN
ELECTRICAL INTERFACE ASSEMBLY//Patent No. 7,841,898:
CONNECTOR ADAPTOR//Patent No.8,744,783: SYSTEM AND METHOD
FOR MEASURING POWER GENERATED DURING LEGGED LOCOMOTION//
Patent No. 8,423,336: AERODYNAMIC SIMULATION SYSTEM AND
METHOD FOR OBJECTS DISPENSED FROM AN AIRCRAFT//Patent

No.8,366,946: FRAME FOR HOLDING LAMINATE DURING
PROCESSING//Patent No. 8,069,767: GUN MOUNT AND EJECTION
SYSTEM//Patent No. 8,151,684: AMMUNITION CANISTER AND FEED
SYSTEM//Patent No.7,811,132: ELECTROMAGNETIC INTERFERENCE
PROTECTIVE BACKSHELL FOR CABLES//Patent No.
8,002,914: SMOKELESS FLASH POWDER//Patent No. 8,146,993:
ROTATABLE SEAT ASSEMBLY//Patent No. 8,055,206: SIGNAL
TRANSMISSION SURVEILLANCE SYSTEM//Patent No. 8,004,660:
METHOD AND SYSTEM FOR DETERMINATION OF DETECTION
PROBABILITY OF A TARGET OBJECT BASED ON VIBRATION//Patent
No. 8,447,563: METHOD AND SYSTEM FOR DETERMINATION OF
DETECTION PROBABILITY OR A TARGET OBJECT BASED ON A RANGE//
Patent No. 8,149,390: USER INTERFACE FOR LASER TARGETING
SYSTEM//Patent No. 7,987,791: METHOD OF DISRUPTING
ELECTRICAL POWER TRANSMISSION//Patent No. 8,082,849: SHORT
TERM POWER GRID DISRUPTION DEVICE// Patent No.8,267,014:
MULTIPLE BAY EJECTION DEVICE//Patent No. 8,366,054: HAND
LAUNCHABLE UNMANNED AERIAL VEHICLE//Patent No. 8,656,081:
SYSTEM AND METHOD FOR COORDINATING CONTROL OF AN OUTPUT
DEVICE BY MULTIPLE CONTROL CONSOLES//Patent No. 8,297,191:
PRESSURE SEAL//Patent No. 8,264,417: APERTURE ANTENNA WITH
SHAPED DIELECTRIC LOADING//Patent No. 8,213,547:
IDENTIFICATION OF TARGET SIGNALS IN RADIO FREQUENCY PULSED
ENVIRONMENTS//Patent No. 8,244,268: SYSTEM AND METHOD FOR

COMMUNICATING WITH A PLURALITY OF REMOTE COMMUNICATION
UNITS//Patent No.8,147,133: TOP LOADED TWIN CELL
CALORIMETER SYSTEM WITH REMOVABLE REFERENCE//Patent No.
7,882,785: DEMOLITION CHARGE HAVING A MULTI-PRIMED
INITIATION SYSTEM//Patent No.7,882,784: DEMOLITION CHARGE
HAVING A MULTI-PRIMED INITIATION SYSTEM//Patent No.
8,368,996: TUNABLE DETECTION SYSTEM//Patent No. 8,156,050:
PROJECT MANAGEMENT SYSTEM AND METHOD//Patent No. 8,421,673:
METHOD AND SOFTWARE FOR SPATIAL PATTERN ANALYSIS//Patent
No. 7,813,223: SYSTEM AND METHOD FOR FOCUSING A KINETIC
PULSE ARRAY//Patent No. 8,279,118: APERIODIC ANTENNA
ARRAY//Patent No. 8,146,992: TURRET SEAT// Patent
No.8,277,583: PERCHLORATE-FREE RED SIGNAL FLARE
COMPOSITION//Patent No. 8,568,542: PERCHLORATE-FREE YELLOW
SIGNAL FLARE COMPOSITION//Patent No. 7,988,801:
PERCHLORATE-FREE GREEN SIGNAL FLARE COMPOSITION//Patent No.
8,264,486: REAL-TIME-HIGH SPEED THREE DIMENSIONAL MODELING
SYSTEM//Patent No. 8,667,206: INTERFACE DEVICE FOR
COORDINATING CONTROL OF AN OUTPUT DEVICE BY MULTIPLE
CONTROL CONSOLES//Patent No. 7,966,763: TARGETING SYSTEM
FOR A PROJECTILE LAUNCHER//Patent No. 8,210,557:
CONVERTIBLE TRAILER//Patent No. 8,264,409: ELECTROMAGNETIC
RADIATION SOURCE LOCATING SYSTEM//Patent No. 8,305,252:
COUNTERMEASURE DEVICE FOR MOBILE TRACKING DEVICE//Patent

No. 7,635,266: ROTARY ELECTRICAL CONTACT DEVICE//Patent
No. 8,452,569: LASER TARGETING SYSTEM//Patent No.
8,436,276: PORTABLE CUTTING DEVICE FOR BREACHING A
BARRIER//Patent No.8,149,153: INSTRUMENTATION STRUCTURE
WITH REDUCED ELECTROMAGNETIC RADIATION REFLECTIVITY OR
INTERFERENCE CHARACTERISTICS//Patent No. 7,812,932:
UNIVERSAL LASER RANGE EVALUATION AND VERIFICATION
SYSTEM//Patent No. 8,001,902: SIGNAL TRANSMISSION
SURVEILLANCE SYSTEM//Patent No. 8,077,098: ANTENNA TEST
SYSTEM//Patent No. 8,058,189: METHOD AND APPARATUS FOR
RESISTING BALLISTIC IMPACT//Patent No. 8,240,520:
MATERIAL EXTRUDER//Patent No. 8,004,455: ANTENNA
SIMULATOR//Patent No. 7,885,001: TILT LOCK MECHANISM AND
METHOD FOR A MOVEABLE OPTICAL OR DISPLAY DEVICE//Patent
No. 7,823,498: VEHICLE PROTECTIVE STRUCTURE//Patent No.
7,940,225: DISCONE ANTENNA WITH ASYMMETRIC DIELECTRIC
LOADING//Patent No. 8,211,559: METHOD AND SYSTEM FOR
DETECTING LEAKAGE OF ENERGY STORAGE STRUCTURE LIQUID//
Patent No. 7,774,913: DEVICE AND METHOD FOR SEPARATING
PARTS OF ACOUSTIC SENSORS//Patent No. 7,938,066: STRIP
CHARGE STORAGE ARRANGEMENT//Patent No. 7,470,883: NON-
INVASIVE INITIATION DETONATION SENSOR//Patent No.
7,472,652: DEMOLITION CHARGE HAVING MULTI-PRIMED
INITIATION SYSTEM//Patent No. 8,576,953: IDENTIFICATION OF

TARGET SIGNALS IN RADIO FREQUENCY PULSED ENVIRONMENTS//
Patent No. 8,259,860: IDENTIFICATION OF TARGET SIGNALS IN
RADIO FREQUENCY PULSED ENVIRONMENTS//Patent No. 7,049,998:
INTEGRATED RADAR, OPTICAL SURVEILLANCE, AND SIGHTING
SYSTEM//Patent No. 8,150,325: BLANKING SYSTEM//Patent No.
7,157,290: MAGNETICALLY SHIELDED CIRCUIT BOARD//Patent No.
7,573,235: BATTERY CHARGER AND POWER REDUCTION SYSTEM AND
METHOD//Patent No. 7,242,346: PULSE DESCRIPTOR WORD
GENERATOR//Patent No. 6,970,002: TUBE MEASUREMENT AND
CALIBRATION SYSTEM//Patent No. 7,222,525: SKIN AND TISSUE
SIMULANT FOR MUNITIONS TESTING//Patent No. 7,361,206:
APPARATUS AND METHOD FOR WATER VAPOR REMOVAL IN AN ION
MOBILITY SPECTROMETER//Patent No. 7,078,680: ION MOBILITY
SPECTROMETER USING ION BEAM MODULATION & WAVELET
DECOMPOSITION//Patent No. 7,458,305: MODULAR SAFE ROOM//
Patent No. 7,058,377: PULSED RADIO FREQUENCY MEASUREMENT//
Patent No. 6,798,888: MOUNT FOR UNDERWATER ACOUSTIC
Projector//Patent No. 6,798,122: LIGHTWEIGHT UNDERWATER
ACOUSTIC PROJECTOR//Patent No. 6,700,517: PHOTONIC
ANALOG-TO-DIGITAL CONVERTER//Patent No. 6,995,359:
MINIATURE CRYOGENIC SHUTTER ASSEMBLY//Patent No.
6,564,690: INTERFACE PALLET ASSEMBLY FOR A HELICOPTER-
BASED WEAPON SYSTEM//Patent No. 6,675,694: MACHINE GUN &
AMMUNITION CAN INTERFACE GUN MOUNT//Patent No. 6,582,246:

FOLDABLE CONNECTOR ASSEMBLY FOR ELECTRONIC DEVICE//Patent
No. 6,665,594: PLUG & PLAY MODULAR MISSION PAYLOADS//
Patent No. 7,278,310: NON-INVASIVE MEASUREMENT SYSTEM//
Patent No. 6,570,539: METHOD FOR VIBRATION DETECTION
DURING NEAR-FIELD ANTENNA TESTING//Patent No.6,961,887:
STREAMLINED LASAR-TO-L200 POST-PROCESSING FOR CASS.

ADDRESSES: Requests for copies of the patents cited should
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