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| ADD016485 | SUPERCONDUCTING ELECTROMAGNETIC THRUSTER   |
| ADD016492 | AN ENZYME-BASED DETECTOR FOR TRACE METALS  |
| ADD016494 | METHOD FOR LASER-ASSISTED SILICON ETCHING USING HALOCARBON AMBIENTS  |
| ADD016495 | FREQUENCY-CODED MONOPULSE MTI  |
| ADD016496 | TORQUE-BALANCED EXTENDABLE FIBER OPTIC CABLE   |
| ADD016497 | SUBMICROSECOND, SYNCHRONIZABLE X-RAY SOURCE  |
| ADD016498 | INFRARED DECOY METHOD USING POLYDIMETHYSILOXANE FUEL   |
| ADD016500 | A FIBER-OPTIC BUNDLE AND COLLIMATOR ASSEMBLY   |
| ADD016502 | POLISHING DIAMOND SURFACE  |
| ADD016503 | BROADBAND PRESSURE BARRIER FOR CIRCULAR WAVEGUIDE  |
| ADD016505 | PROGRAMMABLE MODULAR NETWORK INTERFACE   |
| ADD016507 | ELECTROMAGNETIC RADIATION DETECTOR UTILIZING AN ELECTROMAGNETIC RADIATION ABSORBING ELEMENT IN A MACH-ZEHNDER INTERFEROMETER ARRANGEMENT |
| ADD016508 | THORIATED-TUNGSTEN, SPLIT-RING, HOLLOW-CATHODE ELECTRODE FOR DISCHARGE DEVICES   |
| ADD016509 | MAGNETIC HEADING SENSOR ALIGNMENT AND ROLL REDUCING DEVICE   |
| ADD016510 | UNIVERSAL RECEIVER HAVING PNEUMATIC SAFE/ARM/FIRING MECHANISM  |
| ADD016511 | ACTUATOR MECHANISM FOR OPERATING A TORPEDO TUBE SHUTTER DOOR   |
| ADD016512 | ALIGNED BISMUTH, STRONTIUM, CALCIUM CUPRATE COATINGS ON POLYCRYSTALLINE SUBSTRATES   |
| ADD016513 | DIRECTIVE OPTIMIZATION OF COHERENT SIDELobe CANCELLER SYSTEMS  |
| ADD016514 | GUIDANCE METHOD FOR UNTHROTTLED, SOLID-FUEL DIVERT MOTORS  |
| ADD016515 | METHOD OF MAKING A SEMICONDUCTOR DEVICE BY FORMING A NANOCHANNEL MASK  |
| ADD016516 | ELASTIC MICRO-FABRICATED SURFACE LAYER FOR REDUCING TURBULENCE AND DRAG ON AN OBJECT WHILE IT MOVES THROUGH A FLUID MEDIUM               |
| ADD016517 | METHOD FOR DETERMINING THE GRANULAR NATURE OF SUPERCONDUCTORS USING PULSED CURRENT   |
| ADD016518 | SELECTIVE POLYGON MAP DISPLAY METHOD   |
| ADD016519 | METHOD AND APPARATUS FOR CLASSIFYING TARGETS   |
| ADD016520 | INTERACTING MULTIPLE BIAS MODEL FILTER SYSTEM FOR TRACKING MANEUVERING TARGETS   |
| ADD016521 | TORSIONAL DEVICE FOR REMOTE CONTROL STEERING SYSTEM  |
| ADD016522 | LIFT ENHANCEMENT DEVICE  |

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| ADD016523 | NONLINEAR FREQUENCY CONVERSION OPTICAL FILTER   |
| ADD016524 | MONOLITHIC LOW NOISE PREAMPLIFIER FOR PIEZOELECTRIC SENSORS   |
| ADD016525 | METHOD FOR CHARACTERIZATION OF OPTICAL WAVEGUIDE DEVICES USING PARTIAL COHERENCE INTERFEROMETRY                                   |
| ADD016526 | REINFORCED FOAM CORE ACOUSTIC BAFFLE  |
| ADD016527 | METHOD OF CENTRIFUGALLY CASTING REINFORCED COMPOSITE ARTICLES   |
| ADD016528 | POWER TERMINAL PROTECTION DEVICE  |
| ADD016529 | CASCADE ORIFICAL RESISTIVE DEVICE   |
| ADD016530 | METHOD OF FABRICATING A MICROELECTRONIC PHOTOMULTIPLIER DEVICE WITH INTEGRATED CIRCUITRY  |
| ADD016531 | MICRODYNAMIC DEVICES FABRICATED ON SILICON-ON-SAPPHIRE SUBSTRATES   |
| ADD016532 | CONTROL OF CONTINUOUS PHASE PH USING VISIBLE LIGHT TO ACTIVATE PH-DEPENDENT FIBERS AND GELS IN A CONTROLLED AND REVERSIBLE MANNER |
| ADD016533 | HIGH ISOLATION ELECTRONIC SWITCH  |
| ADD016534 | HYBRID HIGH POWER AMPLIFIER   |
| ADD016535 | TIME CODE INTERFACE   |
| ADD016536 | MATERIAL CHARACTERIZATION SYSTEM  |
| ADD016537 | DAMPED LINKAGE FOR TORPEDO STEERING ACTUATOR  |
| ADD016538 | SYSTEM FOR EFFECTING UNDERWATER COUPLING OF OPTICAL FIBER CABLES CHARACTERIZED BY A NOVEL POD-TO-VEHICLE INTERLOCK                |
| ADD016539 | NEURAL NETWORK FOR DETECTION AND CORRECTION OF LOCAL BOUNDARY MISALIGNMENTS BETWEEN IMAGES  |
| ADD016540 | LAUNCHED TORPEDO DECOY  |
| ADD016541 | SAG COMPENSATED VIBRATION ISOLATION MOUNT   |
| ADD016542 | UNDERSEA LAUNCHER FOR A TETHERED DEVICE   |
| ADD016543 | GRADED BANDGAP SEMICONDUCTOR DEVICE FOR REAL-TIME IMAGING   |
| ADD016544 | MAGNETOMECHANICAL SENSOR ATTACHMENT METHOD  |
| ADD016545 | CREDENTIAL TRACKING SYSTEM  |
| ADD016546 | SOLID PARTICLE CONTAMINANT DETECTION AND ANALYSIS SYSTEM  |
| ADD016547 | METHOD OF MAKING A PHOTODETECTOR ARRAY HAVING PIXEL DENSITY   |
| ADD016548 | FLEXIBLE COMPONENT SHEET EMBEDDING OPERATIONAL COMPONENTS   |
| ADD016550 | VIBRATION-DAMPING STRUCTURAL COMPONENT  |
| ADD016551 | STORM WATER RUNOFF FIRST FLUSH SAMPLER  |
| ADD016552 | METHOD OF MAKING AN OFFSET CORRUGATED SANDWICH CONSTRUCTION   |

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| ADD016553 | LIMITED BANDWIDTH MICROWAVE FILTER   |
| ADD016554 | METHOD AND SYSTEM FOR ELECTRON BEAM LITHOGRAPHY  |
| ADD016555 | SUPERSTRENGTH METAL COMPOSITE MATERIAL AND PROCESS FOR MAKING THE SAME   |
| ADD016556 | LOW NOISE FIBER GYROSCOPE SYSTEM WHICH INCLUDES EXCESS NOISE SUBTRACTION   |
| ADD016557 | LIGHT EMISSION-OR-ABSORBANCE-BASED BINDING ASSAYS FOR POLYNUCLEIC ACIDS  |
| ADD016558 | LONG SEQUENCE CORRELATION COPROCESSOR  |
| ADD016559 | ELASTOMERIC ELECTRICAL CONNECTOR   |
| ADD016560 | GENERAL PURPOSE SIDELobe CANCELLER SYSTEM  |
| ADD016561 | REACTIVE, CLOSED-CIRCUIT UNDERWATER BREATHING APPARATUS  |
| ADD016562 | SYNTHESIS AND POLYMERIZATION OF DITHIOETHER-LINKED PHTHALONITRILE MONOMERS   |
| ADD016563 | CERAMICS FORMED BY PYROLYSIS OF EITHER LINEAR OR THERMOSETTING CARBORANE (SILOXANE OR SILANE) ACETYLENE BASED PRECURSOR POLYMERS |
| ADD016564 | IMPELLER ASSEMBLY FOR PROCESSING DEVICE  |
| ADD016565 | STEAM-AUGMENTED GAS TURBINE  |
| ADD016566 | MULTI-LAYERED TRANSLATED RIB-STIFFENED COMPOSITE HOLLOW CYLINDER ASSEMBLY  |
| ADD016567 | POLYURETHANE-EPOXY INTERPENETRATING POLYMER NETWORK ACOUSTIC DAMPING MATERIAL  |
| ADD016572 | POLYURETHANE-ACRYLIC INTERPENETRATING POLYMER NETWORK ACOUSTIC DAMPING MATERIAL  |
| ADD016573 | MALONE-BRAYTON CYCLE ENGINE/HEAT PUMP  |
| ADD016574 | METHOD AND SYSTEM OF MAPPING ACOUSTIC NEAR FIELD   |
| ADD016575 | LOW FLOW FLUID SEPARATOR   |
| ADD016576 | PROTECTIVE FAIRING FOR UNDERWATER SENSOR LINE ARRAY  |
| ADD016577 | SEMICONDUCTOR COLD ELECTRON EMISSION DEVICE  |
| ADD016578 | ATTACHMENT METHODOLOGY FOR COMPOSITE CYLINDER ASSEMBLY   |
| ADD016579 | COMPOSITIVE PIEZOELECTRICS UTILIZING A NEGATIVE POISSON RATIO POLYMER  |
| ADD016580 | SUPERCONDUCTING THIN FILM WITH FULLERENES AND METHOD OF MAKING   |
| ADD016581 | PASSIVE BEAMFORMER WITH LOW SIDE LOBES   |
| ADD016582 | METHOD OF MAKING COPPER-TITANIUM NITRIDE ALLOY   |

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| ADD016583 | OPTIMAL DISTRIBUTED CONTROL SYSTEM FOR A LINEAR DISTRIBUTED PARAMETER SYSTEM                                     |
| ADD016584 | MODULE COOLING SYSTEM  |
| ADD016585 | ACOUSTIC AND VIBRATION ATTENUATION COMPOSITE MATERIAL  |
| ADD016586 | IMPACT DYNAMOMETER   |
| ADD017251 | BALANCED ON AIR AIRCRAFT   |
| ADD017253 | PERSONAL IDENTIFYING RECOGNITION SYSTEM  |
| ADD017255 | ELASTOMERIC LAUNCH SYSTEM FOR SUBMARINES   |
| ADD017257 | METHOD OF PHASED MAGNITUDE CORRELATION USING BINARY SEQUENCES  |
| ADD017258 | SPLIT PIPE TESTING DEVICE FOR THE MEASUREMENT OF BOND OF REINFORCEMENT UNDER CONTROLLED CONFINEMENT              |
| ADD017259 | LOW TEMPERATURE PROCESS FOR PRODUCING INDIUM-CONTAINING SEMICONDUCTOR MATERIALS                                  |
| ADD017261 | ULTRASONIC TEST SYSTEM   |
| ADD017262 | SILICATE GEL DYE LASER   |
| ADD017263 | VALVE MECHANISM FOR AN ACOUSTIC MODULATOR  |
| ADD017264 | MULTIPURPOSE BUS INTERFACE UTILIZING A DIGITAL SIGNAL PROCESSOR  |
| ADD017265 | SUPPRESSOR OF OSCILLATIONS IN AIRFRAME CAVITIES  |
| ADD017267 | NONDESTRUCTIVE TESTING APPARATUS FOR DETERMINING THE ORIENTATION OF REINFORCING BARS WITHIN A CONCRETE STRUCTURE |
| ADD017271 | TARGET DETECTION FOR VISION SYSTEMS  |
| ADD017274 | SECRET OPTICAL MARKING   |
| ADD017275 | PLANAR AND LINEAR FIBER OPTIC ACOUSTIC SENSORS EMBEDDED IN AN ELASTOMER MATERIAL                                 |
| ADD017276 | TRANSDUCERS WITH IMPROVED SIGNAL TRANSFER  |
| ADD017277 | METHOD FOR FABRICATING VERTICAL BIPOLAR JUNCTION TRANSISTORS IN SILICON BONDED TO AN INSULATOR                   |
| ADD017278 | PHASE-CODED MONOPULSE MTI  |
| ADD017279 | METHOD AND APPARATUS FOR CORRELATING OBJECT MEASUREMENTS WITH OBJECT MEASUREMENT ESTIMATES                       |
| ADD017280 | CONTROLLED RISK DECOMPRESSION METER  |
| ADD017281 | INVERSE TOMOGRAPHY BY MATCHED FIELD PROCESSING   |
| ADD017282 | REPOSITIONABLE SUBSTRATE FOR MICROSCOPES   |
| ADD017283 | FLOW TRIPPED INJECTOR  |
| ADD017284 | VERSATILE DIGITAL RECORDING SYSTEM FOR RECORDING HIGH RESOLUTION VIDEO IMAGERY                                   |

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| ADD017285 | CONFORMING TUNING COUPLER FOR FLEXTENSIONAL TRANSDUCERS  |
| ADD017287 | 99M TC LABELED LIPOSOMES   |
| ADD017288 | MICROASSAY ON A CARD   |
| ADD017289 | POLYMERIZABLE LIPIDS FOR PREPARING VESICLES THAT CONTROLLABLY RELEASE AN ENCAPSULANT               |
| ADD017290 | METHOD AND APPARATUS FOR EVALUATING THE OPTICAL SPATIAL RESPONSE CHARACTERISTICS OF OBJECTS        |
| ADD017291 | POLYMERIZATION OF OLIGOMERIC MULTIPLE AROMATIC ETHER-CONTAINING PHTHALONITRILES                    |
| ADD017292 | FIBER GRATING-BASED SENSING SYSTEM WITH INTERFEROMETRIC WAVELENGTH-SHIFT DETECTION                 |
| ADD017293 | DUAL WAVEBAND SIGNAL PROCESSING SYSTEM   |
| ADD017294 | HIGH REPETITION RATE, MODE LOCKED, FIGURE EIGHT LASER WITH EXTRACAVITY FEEDBACK                    |
| ADD017295 | PLASMA TREATMENT OF GLASS SURFACES TO REMOVE CARBON  |
| ADD017296 | SELF-SUPPORTING DIAMOND FILAMENTS  |
| ADD017297 | FIBER OPTIC FEED AND PHASED ARRAY ANTENNA  |
| ADD017298 | MICRO PHOTOREFLECTANCE SEMICONDUCTOR WAFER ANALYZER  |
| ADD017299 | HIGH-RESOLUTION SIDELobe-CANCELLER AUXILIARY ANTENNAS  |
| ADD017301 | MAINLOBE CANCELLER SYSTEM  |
| ADD017302 | ULTRAVIOLET FARADAY ROTATOR GLASS  |
| ADD017303 | DETERMINATION OF JAMMER RANGE AND AZIMUTH BY USE OF A COHERENT SIDE LOBE CANCELLER SYSTEM          |
| ADD017304 | METHOD OF FORMING A CORROSION-RESISTANT EMI SHIELDING GASKET BETWEEN GRAPHITE AND METAL COMPONENTS |
| ADD017305 | DYNAMIC RANDOM ACCESS MEMORY DEVICE  |
| ADD017306 | LASER SYNCHROTRON SOURCE (LSS)   |
| ADD017307 | FABRICATION METHOD FOR III-V HETEROSTRUCTURE FIELD-EFFECT TRANSISTORS                              |
| ADD017308 | HYBRID ORTHOGONAL TRANSVERSE ELECTROMAGNETIC FED REFLECTOR ANTENNA                                 |
| ADD017309 | LARGE AREA SEMICONDUCTOR WAFERS  |
| ADD017310 | METHOD OF MAKING HIGH TC SUPERCONDUCTING THIN FILMS WITH FULLERENES BY EVAPORATION                 |
| ADD017311 | TRANSDUCER STRUCTURE   |
| ADD017312 | SPATIAL COMBINER FOR A DIGITAL VLF/LF RECEIVER   |

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| ADD017313 | METHOD FOR LASER-ASSISTED ETCHING OF III-V AND II-VI SEMICONDUCTOR COMPOUNDS USING CHLOROFLUOROCARBON AMBIENTS  |
| ADD017314 | LASER CONTROLLED DECOMPOSITION OF CHLOROFLUOROCARBONS   |
| ADD017315 | DIGITAL INTERFACE CIRCUIT   |
| ADD017316 | TRANSITION FROM DOUBLE-RIDGE WAVEGUIDE TO SUSPENDED SUBSTRATE   |
| ADD017317 | DIGITALLY WEIGHTED NEURON FOR ARTIFICIAL NEURAL NETWORK   |
| ADD017318 | JAMMER REFERENCE TARGET MEASUREMENT SYSTEM  |
| ADD017319 | REMOVING THE EFFECTS OF ACOUSTIC RINGING AND REDUCING TEMPERATURE EFFECTS IN THE DETECTION OF EXPLOSIVES BY NQR |
| ADD017320 | REGULATABLE FIELD EMITTER DEVICE AND METHOD OF PRODUCTION THEREOF   |
| ADD017323 | THIN-FILM EDGE FIELD EMITTER DEVICE AND METHOD OF MANUFACTURE THEREFOR  |
| ADD017324 | ADVANCED SIGNAL PROCESSING FILTER   |
| ADD017330 | SHOCK RESISTANT OPTIC FIBER ROTARY SPLICE HOLDING DEVICE  |
| ADD017331 | HYDRAULIC CYLINDER ASSEMBLY FOR USE IN VARIABLE EXTERNAL PRESSURE ENVIRONMENTS                                  |
| ADD017332 | LOW VIBRATION POLYMERIC COMPOSITE ENGINE  |
| ADD017333 | RECOVERY AND DEVELOPMENT ??? DEVICE   |
| ADD017334 | SEAWATER MAGNETOHYDRODYNAMIC TEST APPARATUS   |
| ADD017335 | COUPLING STUD ASSEMBLY  |
| ADD017336 | METHOD AND SYSTEM FOR REDUCING DRAG ON A BODY MOVING THROUGH A FLUID MEDIUM                                     |
| ADD017337 | PRESSURE BALANCED FAST OPENING FIRING SYSTEM FOR A STORED ENERGY LAUNCHING SYSTEM                               |
| ADD017338 | SNAP LOAD SUPPRESSION SYSTEM  |
| ADD017339 | METHOD AND SYSTEM FOR SUPPRESSING NOISE INDUCED IN A FLUID MEDIUM BY A BODY MOVING THERETHROUGH                 |
| ADD017340 | ELECTROMAGNETICALLY ACTIVATED COMPLIANT WAVY-WALL   |
| ADD017342 | THERMOACOUSTIC SOUND GENERATOR  |
| ADD017343 | JOSEPHSON BREAK JUNCTION THIN FILM DEVICE   |
| ADD017344 | PASSIVE RANGE MEASUREMENT SYSTEM  |
| ADD017345 | COMMUNICATION SYSTEM FOR SUBMARINES   |
| ADD017346 | OPTICAL FIBER PRESSURE SENSOR FOR LIQUID LEVEL MONITORING   |
| ADD017347 | METHOD AND APPARATUS FOR LOCATING AN ACOUSTIC SOURCE  |

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| ADD017348 | EXPERT SYSTEM FOR ASSESSING ACCURACY OF MODELS OF PHYSICAL PHENOMENA AND FOR SELECTING ALTERNATE MODELS IN THE PRESENCE OF NOISE |
| ADD017350 | RELEASEABLE UNCONSTRAINED INFLATABLE BODY PROTECTOR  |
| ADD017351 | ACTIVE TURBULENCE CONTROL USING MICROELECTRODES, PERMANENT MAGNETS IN MICROGROOVES   |
| ADD017352 | SONIC APPARATUS FOR DEGASSING LIQUIDS  |
| ADD017353 | PASSIVE, MULTI-CHANNEL FIBER OPTIC ROTARY JOINT ASSEMBLY   |
| ADD017354 | LOCKING DEVICE FOR FLUID COUPLING  |
| ADD017355 | PROCESS FOR PRODUCING HYDROPHILIC POLYMER MEMBRANES  |
| ADD017356 | CONTROLLABLE CAMBER FIN  |
| ADD017357 | FAST-ACTING VALVE FOR PROJECTIVE LAUNCHING SYSTEMS   |
| ADD017358 | MICROWAVE REPEATER WITH BROADBAND ACTIVE AND/ OR PASSIVE ISOLATION CONTROL   |
| ADD017359 | UNDERWATER SOUND SOURCE WITH REMOTE CONTROLLED ACTUATOR  |
| ADD017360 | APPARENT SIZE PASSIVE RANGE METHOD   |
| ADD017361 | ENERGY ABSORPTION APPARATUS  |
| ADD017362 | GEAR PUMP WITH REDUCED FLUID-BORNE NOISE   |
| ADD017363 | ANTI-TORPEDO STERN DEFENSE SYSTEM  |
| ADD017364 | DUAL-FREQUENCY SONAR SYSTEM  |
| ADD017365 | APPARATUS FOR PRODUCING IMAGES ACOUSTICALLY  |
| ADD017366 | INERT THERMALLY ACTIVATED BURSTER  |
| ADD017367 | VIBRATION ISOLATION MOUNT WITH LOCKING MEANS   |
| ADD017368 | SIMPLIFIED REUSABLE SONOBUOY LAUNCHER  |
| ADD017369 | FIBER OPTIC ACCELEROMETER WITH CENTRALLY SUPPORTED FLEXURAL DISK   |
| ADD017370 | LOW TEMPERATURE SYNTHESIS OF $YBa_2Cu_3O_{(8-x)}$ AND OTHER CRYSTALLINE OXIDES   |
| ADD017371 | PRE-AMPLIFIER WITH MULTI-STAGE FEEDBACK  |
| ADD017372 | WAVEFRONT SIMULATOR FOR EVALUATING RF COMMUNICATION ARRAY SIGNAL PROCESSORS  |
| ADD017373 | EXPLOSIVE SIMULATOR  |
| ADD017374 | SMART MATERIAL JOINT BAND  |
| ADD017375 | WAVELENGTH SENSOR FOR FIBER OPTIC GYROSCOPE  |
| ADD017376 | VIBRATION-DAMPING STRUCTURAL COMPONENT   |

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| ADD017379 | SELECTIVE ATTACHMENT OF NUCLEIC ACID MOLECULES TO PATTERNED SELF-ASSEMBLED SURFACES                   |
| ADD017380 | EPOXY PIPELINING COMPOSITION AND METHOD OF MANUFACTURE  |
| ADD017381 | MECHANICAL SHIELDING FOR ELECTRIC PRIMER  |
| ADD017385 | MATERIAL CHARACTERIZATION SYSTEM  |
| ADD017386 | PYRONOL TORCH   |
| ADD017387 | IN SITU DYNAMIC MATERIAL PROPERTY MEASUREMENT SYSTEM  |
| ADD017388 | PROCESS OF MAKING A BISTABLE PHOTOCONDUCTIVE COMPONENT  |
| ADD017389 | LIGHTWEIGHT BATTERY ELECTRODE AND METHOD OF MAKING IT   |
| ADD017390 | CRYOGENIC TEMPERATURE CONTROL AND TENSION/COMPRESSION ATTACHMENT STAGE FOR AN ELECTRON MICROSCOPE     |
| ADD017391 | SPIRO(N,N'-DINITROETHYLENEDIAMINO)CYCLOTRIPHOSPHAZENES  |
| ADD017392 | ENERGY-MEASURING RESISTOR BANK  |
| ADD017394 | NON-LINEAR RESISTIVE GRID KERNEL ESTIMATOR USEFUL IN SINGLE FEATURE, TWO-CLASS PATTERN CLASSIFICATION |
| ADD017395 | SUPERCRITICAL WATER OXIDATION REACTOR WITH A CORROSION-RESISTANT LINING                               |
| ADD017397 | VARIABLE RATE OPTICAL ITERATIVE PROCESSING OF OPTICAL INFORMATION                                     |
| ADD017398 | METHOD AND APPARATUS FOR MAINTAINING LINEARITY AND FREQUENCY ACCURACY OF AN FM CHIRP WAVEFORM         |
| ADD017399 | INTERBAND LATERAL RESONANT TUNNELING TRANSISTOR   |
| ADD017401 | METHOD AND APPARATUS FOR THE ACTIVE CONTROL OF A COMPACT WASTE INCINERATOR                            |
| ADD017402 | DYNAMIC COMPACTION PROCESSING SYSTEM  |
| ADD017404 | AN ELECTRICAL AND FIBER-OPTIC CONNECTOR   |
| ADD017405 | PHOSPHATE-BONDED FLY ASH  |
| ADD017406 | WIDEBAND FIBER-OPTIC SIGNAL PROCESSOR   |
| ADD017410 | DECAYING RADIOLABELLED LYMPHOCYTES AND METHOD OF USING SAME BACKGROUND OF THE INVENTION               |
| ADD017414 | REMOVABLE ONE-PIECE TRUCK BED DIVIDER   |
| ADD017415 | DEMODULATORS FOR OPTICAL FIBER INTERFEROMETERS WITH (3 X 3) OUTPUTS                                   |
| ADD017418 | GERMANATE GLASS CERAMIC   |
| ADD017419 | PREPARATION OF DIISOPROPYL STIBINES AND USE THEREOF   |
| ADD017420 | HIGH RATE FLYWHEEL TENSILE TESTING APPARATUS FOR VISCOELASTIC MATERIALS                               |



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| ADD017421 | OPERATIONAL AMPLIFIER USING BIPOLAR JUNCTION TRANSISTORS IN SILICON-ON-SAPPHIRE   |
| ADD017422 | COHERENT INTEGRATOR   |
| ADD017424 | A FIBER-OPTIC CONNECTOR   |
| ADD017425 | METHOD AND APPARATUS FOR LOCKING LASER WAVELENGTH TO AN ATOMIC TRANSITION   |
| ADD017426 | METHOD FOR LASER-ASSISTED SILICON ETCHING USING HALOCARBON AMBIENTS   |
| ADD017428 | REPLY-FREQUENCY INTERFERENCE/JAMMING DETECTOR   |
| ADD017429 | SYSTEM AND METHOD   |
| ADD017430 | NOISE SIGNAL PROCESSOR  |
| ADD017431 | TORPEDO DECOY SIGNAL GENERATOR  |
| ADD017432 | METHOD OF SYNTHESIZING HIGH QUALITY, DOPED DIAMOND AND DIAMONDS AND DEVICES OBTAINED THEREFROM  |
| ADD017433 | FIBER OPTIC INTERFEROMETRIC ELECTRIC FIELD AND VOLTAGE SENSOR UTILIZING AN ELECTROSTRICTIVE TRANSDUCER                                    |
| ADD017434 | METHOD AND APPARATUS FOR A HIGH RESOLUTION, FLAT PANEL CATHODOLUMINESCENT DISPLAY DEVICE  |
| ADD017435 | 1.94 MICROMETER LASER APPARATUS, SYSTEM AND METHOD USING A THULIUM-DOPED YTTRIUM-LITHIUM-FLUORIDE LASER CRYSTAL PUMPED WITH A DIODE LASER |
| ADD017436 | METHOD AND APPARATUS FOR NON-DESTRUCTIVELY MEASURING LOCAL RESISTIVITY OF SEMICONDUCTORS  |
| ADD017438 | ULTRASONIC TWO PROBE SYSTEM FOR LOCATING AND SIZING   |
| ADD017439 | MEDICAL DEVICE WITH INFECTION PREVENTING FEATURE  |
| ADD017442 | DETECTION OF RADAR TARGETS USING HIGHER-ORDER STATISTICS  |
| ADD017444 | PROCESS FOR PREPARING MICROCAPSULES HAVING GELATIN WALLS CROSSLINKED WITH QUINONE   |
| ADD017445 | TECHNIQUE TO PREPARE HIGH-REFLECTANCE OPTICAL FIBER BRAGG GRATINGS WITH SINGLE EXPOSURE IN-LINE OR FIBER DRAW TOWER                       |
| ADD017446 | ELECTRIFIED MICROHETEROGENEOUS CATALYSIS  |
| ADD017447 | PHTHALONITRILE PREPOLYMER AS HIGH TEMPERATURE SIZING MATERIAL FOR COMPOSITE FIBERS  |
| ADD017448 | DIODE-PUMPED, CONTINUOUSLY TUNABLE, 2.3 MICRON CW LASER   |
| ADD017449 | TUNABLE YTTERBIUM-DOPED SOLID STATE LASER   |
| ADD017452 | FAR FIELD ACOUSTIC RADIATION REDUCTION  |
| ADD017453 | THIN-FILM EDGE FIELD EMITTER DEVICE AND METHOD OF MANUFACTURE THEREFOR  |

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| ADD017454 | VOLTAGE SURGE SUPPRESSION POWER CIRCUITS   |
| ADD017455 | APPARATUS AND METHOD FOR PRODUCING THREE-DIMENSIONAL IMAGES  |
| ADD017456 | INFEED HOPPER WITH PIVOTABLE THROAT FOR SHREDDER OR GRANULATOR   |
| ADD017457 | DEVICE FOR LOW ELECTRIC-FIELD INDUCED SWITCHING OF LANGMUIR-BLODGETT FERROELECTRIC LIQUID CRYSTAL POLYMER FILMS                        |
| ADD017458 | CASCADING SYNCHRONIZED CHAOTIC SYSTEMS   |
| ADD017459 | RETROFITTABLE MONOLITHIC BOX BEAM COMPOSITE HULL SYSTEM  |
| ADD017460 | HYDROPHONE TRANSDUCTION MECHANISM  |
| ADD017461 | PROTECTIVE DEVICE FOR CONTAINER  |
| ADD017462 | COMPOSITE STRUCTURE FORMING A WEAR SURFACE   |
| ADD017463 | HIGH ASPECT RATIO METAL MICROSTRUCTURES AND METHOD FOR PREPARING THE SAME  |
| ADD017464 | FEEDBACK-CONTROLLED OXYGEN REGULATION SYSTEM FOR BENTHIC FLUX CHAMBERS AND METHOD FOR MAINTAINING A CONSTANT VOLUME OF OXYGEN THEREFOR |
| ADD017465 | ACOUSTIC ATTENUATION AND VIBRATION DAMPING MATERIALS   |
| ADD017466 | UNDERWATER ACOUSTIC INTENSITY PROBE  |
| ADD017467 | WATER EXPANDING COMPRESSED SPONGE CABLE FAIRING  |
| ADD017468 | DIAMOND MULTILAYER MULTICHIP MODULE SUBSTRATE  |
| ADD017469 | CHANNEL EQUALIZED DC SQUID FLUX-LOCKED LOOP  |
| ADD017470 | METHOD OF FORMING THIN FILMS ON SUBSTRATES AT LOW TEMPERATURES   |
| ADD017471 | APPARATUS FOR INJECTION MOLDING HIGH-VISCOSITY MATERIALS   |
| ADD017472 | PRESSURE RESPONSIVE CLASP  |
| ADD017473 | QUICK-POUR CONTAINER   |
| ADD017474 | BIAXIAL COMPRESSION TESTING DEVICE   |
| ADD017476 | ENERGY ABSORPTION DEVICE FOR SHOCK LOADING   |
| ADD017477 | SUBMERSIBLE BOAT   |
| ADD017480 | ELECTRON FIELD EMISSION  |
| ADD017481 | VERTICAL VELOCITY AMBIGUITY RESOLUTION METHOD  |
| ADD017482 | CROSSPOINT ANALOG DATA SELECTOR  |
| ADD017484 | APPARATUS AND METHOD OF RADIO COMMUNICATION FROM A SUBMERGED UNDERWATER VEHICLE  |
| ADD017485 | ENCAPSULATED DRY ELECTROLYTE COMPOSITION FOR TIME RELEASE INTO A SOLUTE  |
| ADD017486 | METHOD FOR MAKING FIBER-OPTIC BUNDLE COLLIMATOR ASSEMBLY   |

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| ADD017487 | ACOUSTIC-OPTIC SOUND VELOCITY PROFILER  |
| ADD017488 | UNDERWATER VEHICLE TAILCONE ASSEMBLY  |
| ADD017489 | FLUID DYNAMOMETER HAVING FLUID CHARACTERISTIC POWER ABSORPTION ADJUSTMENT CAPABILITY  |
| ADD017490 | DEVICE FOR DAMPENING VIBRATORY MOTION   |
| ADD017492 | GLASSY ORGANIC-DYE BASED OPTICAL MATERIALS AND THEIR METHOD OF PREPARATION  |
| ADD017493 | METHOD AND MEANS FOR ISOLATING EQUIPMENT FROM SHOCK LOADS   |
| ADD017494 | PSEUDOMONAS CHLORORAPHIS MICROORGANISM, POLYURETHANE DEGRADING ENZYME OBTAINED THEREFROM AND METHOD OF USING ENZYME               |
| ADD017496 | MAPPED MEMORY INTERFACE FOR COMMUNICATIONS BETWEEN MULTIPLE COMPUTERS   |
| ADD017498 | NON-MAGNETIC ALLOY  |
| ADD017499 | ELECTRODE ARRAY ELECTROMAGNETIC VELOCIMETER   |
| ADD017500 | SUBMARINE HULL STRUCTURES PROVIDING ACOUSTICALLY ISOLATED HULL OPENINGS   |
| ADD017501 | NON-INVASIVE ACOUSTIC VELOCIMETRIC APPARATUS AND METHOD   |
| ADD017502 | ATTACHMENT DEVICE FOR TETHERED TRANSDUCER   |
| ADD017503 | MULTI-CHANNEL FIBER OPTIC ROTATABLE INTERCONNECTION SYSTEM  |
| ADD017505 | FLIPPER ENERGY SOURCE   |
| ADD017506 | PHOTOACTIVATABLE POLYMERS FOR PRODUCING PATTERNED BIOMOLECULAR ASSEMBLIES   |
| ADD017507 | APPARATUS FOR CONDUCTING BEAM FLEXURE TESTS ON A RECTANGULARLY CROSS-SECTION TEST BEAM  |
| ADD017508 | RAPID ASSAY FOR DETECTION OF ENDOTOXINS CROSS REFERENCE TO RELATED APPLICATION  |
| ADD017509 | USE OF LIPID LIPOSOMES AS CARRIERS FOR DELIVERY OF ORAL VACCINES  |
| ADD017510 | A HYBRID THERMAL-DEFOCUSING/NONLINEAR-SCATTERING BROADBAND OPTICAL LIMITER FOR THE PROTECTION OF EYES AND SENSORS                 |
| ADD017511 | DISPENSER FOR DEPLOYING ELONGATED FLEXIBLE ARTICLES   |
| ADD017512 | TWO-STEP METHOD CONSTRUCTING LARGE-AREA FACILITIES AND SMALL-AREA INTRAFACILITIES EQUIPMENTS OPTIMIZED BY USER POPULATION DENSITY |
| ADD017513 | MAGNETO-ACOUSTIC SIGNAL CONDITIONER   |
| ADD017514 | SYSTEM FOR EFFECTING UNDERWATER COUPLING OF OPTICAL FIBER CABLES CHARACTERIZED BY A NOVEL LATERAL ARM CABLE CAPTURE MECHANISM     |
| ADD017515 | FIBER-OPTICS BUNDLE AND COLLIMATOR ASSEMBLY   |

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| ADD017516 | SYSTEM FOR EFFECTING UNDERWATER COUPLING OF OPTICAL FIBER CABLES CHARACTERIZED BY A NOVEL V-PROBE CABLE CAPTURE MECHANISM |
| ADD017517 | HIGH RESOLUTION ENCODING CIRCUIT AND PROCESS FOR ANALOG TO DIGITAL CONVERSION   |
| ADD017518 | COMMUNICATIONS SYSTEM USING A SHARPLY BANDLIMITED KEYING WAVEFORM   |
| ADD017519 | MARKER BEACON CASE  |
| ADD017520 | GAS-PROPELLED LINE DEPLOYMENT SYSTEM  |
| ADD017521 | ORTHOGONAL LINE DEPLOYMENT DEVICE   |
| ADD017522 | METHOD OF INSTALLING A METALLIC THREADED INSERT IN A COMPOSITE/RUBBER PANEL   |
| ADD017523 | STATOR FOR DISC TYPE ELECTRIC MOTOR   |
| ADD017526 | SURFACE PREPARATION FOR BONDING TITANIUM  |
| ADD017530 | DECOY   |
| ADD017533 | ADAPTIVE INFINITE IMPULSE RESPONSE (IIR) FILTER SYSTEM  |
| ADD017534 | PROGRAMMABLE MODULAR NETWORK INTERFACE FOR COUPLING A COMPUTER AND A PLURALITY OF WORKSTATION CONSOLES                    |
| ADD017535 | FLARE-ANTENNA UNIT FOR SYSTEM IN WHICH FLARE IS REMOTELY ACTIVATED BY RADIO   |
| ADD017536 | SEGMENTED FLOW-THROUGH PISTON FOR USE IN A TORPEDO LAUNCHING SYSTEM   |
| ADD017537 | BI-REFRINGENT WAVEGUIDE ROTATIONAL ALIGNMENT METHOD USING WHITE LIGHT INTERFEROMETRY                                      |
| ADD017538 | MENISCUS REGULATOR SYSTEM   |
| ADD017539 | SYSTEM FOR CONVENIENTLY PROVIDING LOAD TESTING TERMINATION OF AN AC POWER SOURCE HAVING AT LEAST ONE BATTERY              |
| ADD017540 | METHOD FOR DETERMINING DAMPING COEFFICIENTS   |
| ADD017541 | CHROMIC OXIDE COATINGS BY THERMAL DECOMPOSITION OF CHROMIC ACID ANHYDRIDE (CRO3)  |
| ADD017542 | POLYURETHANE SELF-PRIMING TOPCOATS  |
| ADD017543 | JACK MECHANISM HAVING POSITIVE STOP MEANS FOR ITS CRANK HANDLE  |
| ADD017544 | SPLIT GASKET ATTACHMENT STRIP   |
| ADD017545 | PLASMA KLYSTRON AMPLIFIER   |
| ADD017546 | PHOTODETECTOR ARRAY HAVING HIGH PIXEL DENSITY   |
| ADD017547 | ACTIVE SPRAY ROCKET PROPELLANT IGNITION CONTROLLER  |
| ADD017548 | STABILIZING JACKET FOR A TOWED CABLE OR ANTENNA STRUCTURE   |

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| ADD017549 | OPTICAL PSEUDOSPARK SWITCH  |
| ADD017550 | DIFFUSION WELD TEST FIXTURE   |
| ADD017551 | SELF-ORGANIZING NEURAL NETWORK FOR CLASSIFYING PATTERN SIGNATURES WITH A 'POSTERIORI' CONDITIONAL CLASS PROBABILITY |
| ADD017552 | ELASTOMERIC SHUTTER MECHANISM   |
| ADD017553 | ACOUSTICALLY QUIET, PASSIVE LOAD FOR TESTING LOW-SPEED MOTORS   |
| ADD017554 | IN-LINE ROTATIONAL POSITIONING MODULE FOR TOWED ARRAY PARAVANES   |
| ADD017555 | METHOD FOR IMPROVING ELECTROMAGNETIC SHIELDING PERFORMANCE OF COMPOSITE MATERIALS BY ELECTROPLATING                 |
| ADD017556 | STRAIN RELIEF FOR FLEXIBLE WIRE AT FIXED JUNCTION   |
| ADD017557 | POLYURETHANE SELF-PRIMING TOPCOATS  |
| ADD017558 | SHOCK INSENSITIVE INITIATING DEVICES  |
| ADD017559 | PITCH SENSOR SYSTEM   |
| ADD017560 | METHOD OF PRODUCING A CONTROLLED FRAGMENTATION WARHEAD CASE   |
| ADD017561 | LATTICE CORE SANDWICH CONSTRUCTION  |
| ADD017562 | HELMET HEAD TRACKING MOUNTING DEVICE  |
| ADD017563 | FLOW-THROUGH ELASTOMERIC LAUNCH SYSTEM FOR SUBMARINES   |
| ADD017564 | MULTI-PROPELLER DRIVE SYSTEM  |
| ADD017565 | HIGH FREQUENCY MTI RADAR  |
| ADD017566 | SONAR ARRAY WITH REDUCED GRATING LOBES  |
| ADD017567 | GYRO PLATFORM ASSEMBLY  |
| ADD017568 | MULTI-STAGE FLUID FLOW CONTROL DEVICE   |
| ADD017569 | MULTISTAGE VARIABLE AREA THROTTLE VALVE   |
| ADD017570 | INSTANTANEOUS BIT-ERROR-RATE METER  |
| ADD017571 | BROADBAND COPLANAR WAVEGUIDE TO SLOTLINE TRANSITION HAVING A SLOT CAVITY  |
| ADD017572 | CURRENT CONTROLLED VARIABLE INDUCTOR  |
| ADD017573 | COMPACT RAPIDLY MODULATABLE DIODE-PUMPED VISIBLE LASER  |
| ADD017574 | METHOD OF ENCODING A DIGITAL IMAGE USING ITERATED IMAGE TRANSFORMATIONS TO FORM AN EVENTUALLY CONTRACTIVE MAP       |
| ADD017575 | UNIPLANAR MICROSTRIP TO SLOTLINE TRANSITION   |
| ADD017576 | ADAPTIVE DECORRELATING SIDELobe CANCELLER   |
| ADD017577 | VARIABLE PHASE SINE WAVE GENERATOR FOR ACTIVE PHASED ARRAYS   |
| ADD017578 | AUTONULLING AC BRIDGE USING DIFFERENTIAL AND INTEGRATION FEEDBACK   |

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| ADD017579 | SMALL WIDEBAND PASSIVE/ACTIVE ANTENNA   |
| ADD017580 | INTRACAVITY SUM FREQUENCY GENERATION USING A TUNABLE LASER CONTAINING AN ACTIVE MIRROR  |
| ADD017581 | METHOD FOR PROCESSING CONTAMINATED PLASTIC WASTE  |
| ADD017582 | TWO ELECTRODE DEVICE FOR DETERMINING ELECTRICAL PROPERTIES OF A MATERIAL ON A METAL SUBSTRATUM  |
| ADD017583 | CERAMIC SUPERCONDUCTING MAGNET USING STACKED MODULES  |
| ADD017584 | LOCATION OF FLUID BOUNDARY INTERFACES FOR FLUID LEVEL MEASUREMENT   |
| ADD017585 | CHLORINATED HYDROCARBON SENSOR FOR CONE PENETROMETER  |
| ADD017586 | ULTRA-HIGH VACUUM/CHEMICAL VAPOR DEPOSITION OF EPITAXIAL SILICON-ON-SAPPHIRE  |
| ADD017587 | ION-SELECTIVE REFERENCE PROBE   |
| ADD017588 | GLASSY BINDER SYSTEM FOR CERAMIC SUBSTRATES, THICK FILMS AND THE LIKE   |
| ADD017589 | EVENT-DRIVEN SIGNAL PROCESSOR INTERFACE HAVING MULTIPLE PARALLELED MICROPROCESSOR-CONTROLLED DATA PROCESSORS FOR ACCURATELY RECEIVING, TIMING AND SERIALY RETRANSMITTING ASYNCHRONOUS DATA WITH QUICKLY VARIABLE DATA RATES |
| ADD017590 | BROADBAND, LOW DRIVE VOLTAGE, ELECTROOPTIC, INTEGRATED OPTICAL MODULATOR  |
| ADD017591 | FIBER GRATING-BASED DETECTION SYSTEM FOR WAVELENGTH ENCODED FIBER SENSORS   |
| ADD017592 | PHASE SHIFTER FOR DIRECTLY SAMPLED BANDPASS SIGNALS   |
| ADD017593 | METHOD AND APPARATUS FOR PSEUDOPERIODIC DRIVE   |
| ADD017594 | MICROWAVE ELECTRO-OPTIC MIXER   |
| ADD017595 | HIGH POWER, BROADBAND FOLDED WAVEGUIDE GYROTRON-TRAVELING-WAVE-AMPLIFIER  |
| ADD017596 | OPTICAL LOGIC GATES WITH HIGH EXTINCTION RATIO USING INVERSE SCATTERING TECHNIQUE AND METHOD USING SAME   |
| ADD017597 | LOW FREQUENCY FLEX-BEAM UNDERWATER ACOUSTIC TRANSDUCER  |
| ADD017598 | TWISTED RUDDER FOR A VESSEL   |
| ADD017600 | VESSEL WITH MACHINERY MODULES OUTSIDE WATERTIGHT HULL   |
| ADD017601 | NOISE CONTROL COMPOSITE   |
| ADD017602 | INSULATION ATTACHMENT STUD FOR COMPOSITE MATERIAL SUBSTRATE   |
| ADD017603 | LONG BASELINE TRACKING SYSTEM   |
| ADD017604 | APPARATUS AND METHOD FOR IONOSPHERIC MAPPING  |

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| ADD017605 | TOWED FIBER OPTIC DATA LINK PAYOUT SYSTEM   |
| ADD017606 | METHOD OF PRODUCING A SILICON MEMBRANE USING A SILICON ALLOY ETCH STOP LAYER  |
| ADD017607 | PROCESS TO FABRICATE THICK COPLANAR MICROWAVE ELECTRODE STRUCTURES  |
| ADD017608 | INTRINSICALLY DOPED III-A AND V-A COMPOUNDS HAVING PRECIPITATES OF V-A ELEMENT  |
| ADD017609 | SEMI-AUTOMATIC JAM-ACCEPT (SAJAC) DECIDER FOR MODE-4 OF THE IFF MARK XII  |
| ADD017610 | METHOD OF CONTROLLING PHOTOEMISSION FROM POROUS SILICON USING ION IMPLANTATION  |
| ADD017611 | NONLINEAR OPTICAL COMPOSITES OF METAL CLUSTER LADEN POLYMERS  |
| ADD017612 | CERAMIC COMPOSITES WITH CERAMIC FIBERS  |
| ADD017613 | FLUORINATED RESINS WITH LOW DIELECTRIC CONSTANT   |
| ADD017614 | LOW-FREQUENCY ELECTROSTRICTIVE CERAMIC PLATE VOLTAGE SENSOR   |
| ADD017615 | PREPARATION OF PERMANENT PHOTOWRITTEN OPTICAL DIFFRACTION GRATINGS IN IRRADIATED GLASSES  |
| ADD017616 | METHOD OF FABRICATING SUB-HALF-MICRON TRENCHES AND HOLES  |
| ADD017617 | TIME GATED IMAGING THROUGH SCATTERING MATERIAL USING POLARIZATION AND STIMULATED RAMAN AMPLIFICATION  |
| ADD017618 | INDIA-STABILIZED ZIRCONIA COATING FOR COMPOSITES  |
| ADD017619 | CONTINUOUSLY WRAPPED FIBER OPTIC TOWED ARRAY  |
| ADD017622 | LOWER BANDGAP, LOWER RESISTIVITY, SILICON CARBIDE HETEROEPITAXIAL MATERIAL, AND METHOD BY MAKING SAME   |
| ADD017623 | FERROELECTRIC AND ELECTROCLINIC LIQUID CRYSTAL MATERIALS WITH SUB-AMBIENT TEMPERATURE STABILITY, BROAD OPERATION RANGE, AND FAST DYNAMIC RESPONSE |
| ADD017626 | ENHANCED ADAPTIVE STATISTICAL FILTER PROVIDING IMPROVED PERFORMANCE FOR TARGET MOTION ANALYSIS NOISE DISCRIMINATION                               |
| ADD017629 | MULTIPLE, PARALLEL, SPATIAL PHASE MEASUREMENT   |
| ADD017630 | SOLID-STATE BLUE LASER SOURCE   |
| ADD017632 | SIMULTANEOUS DETERMINATION OF INCOMING MICROWAVE FREQUENCY AND ANGLE-OF-ARRIVAL   |
| ADD017633 | LONG ROD EXTENSION SYSTEM UTILIZING SHAPE MEMORY ALLOY  |
| ADD017634 | ANALOG SPATIAL FILTER FOR DETECTION OF UNRESOLVED TARGETS AGAINST A CLOUD-CLUTTERED BACKGROUND  |
| ADD017637 | METHOD OF MAKING ULTRAHIGH DENSITY CHARGE TRANSFER DEVICE   |

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| ADD017642 | SIDEWALL PASSIVATION BY OXIDATION DURING REFRACTORY-METAL PLASMA ETCHING          |
| ADD017643 | TARGET CAMOUFLAGING CHAFF DISPENSER WITH EJECTABLE CLOSURE                        |
| ADD017645 | DETECTION OF BURIED NITROGEN RICH MATERIALS                                       |
| ADD017646 | DEPLOYABLE HYDROPHONE   |
| ADD017647 | HIGH PRESSURE SLAB MOTOR  |
| ADD017648 | MINISCALE BALLISTIC MOTOR TESTING METHOD FOR ROCKET PROPELLANTS                   |
| ADD017649 | AIR-LAUNCHABLE GLIDING SONOBUOY   |
| ADD017650 | SELECTIVE VAPOR DEPOSITION USING FILMS CROSS-REFERENCE TO RELATED APPLICATION     |
| ADD017651 | REACTIVE OXYGEN-ASSISTED ION IMPLANTATION INTO METALS AND PRODUCTS MADE THEREFROM |
| ADD017652 | 5-UREIDO-1,3-DIAMINO-2,4,5-TRINITRO-BENZENE                                       |
| ADD017653 | TELEPHONE LINE SELECTOR AND CALL ACCOUNTANT                                       |
| ADD017654 | UNDERWATER VORTEX SHEDDER   |
| ADD017655 | GRADED ELECTRON AFFINITY SEMICONDUCTOR FIELD EMITTER                              |
| ADD017659 | ULTRA-WIDEBAND ACTIVE ELECTRONICALLY SCANNED ANTENNA                              |
| ADD017660 | I/O INTERFACE BETWEEN VME BUS AND ASYNCHRONOUS SERIAL DATA COMPUTER               |
| ADD017661 | COMPACT, PORTABLE CRITICAL CARE UNIT FOR HYPERBARIC AND RECOMPRESSION CHAMBERS    |
| ADD017662 | ON DEMAND, NON-HALON, FIRE EXTINGUISHING SYSTEMS                                  |
| ADD017663 | HIGH-TORQUE QUIET GEAR  |
| ADD017667 | FIBER OPTIC DIGITAL TRANSMISSION SYSTEM   |
| ADD017668 | DEVICE FOR REDUCING FLOW OF FLUID FROM A RUPTURED VESSEL                          |
| ADD017672 | LOW DIELECTRIC CONSTANT ALLYLICS  |
| ADD017673 | SUPERCONDUCTOR AND NOBLE METAL COMPOSITE FILMS                                    |
| ADD017675 | STEERABLE ACOUSTIC TRANSDUCER   |
| ADD017676 | SINGLE TRIGGER DUAL FIRING MECHANISM  |
| ADD017677 | SHOULDER-LAUNCHED, MULTIPLE-PURPOSE ASSAULT WEAPON                                |
| ADD017678 | SPOTTING ROUND BORE ALIGNMENT MECHANISM FOR ROCKET LAUNCHER                       |
| ADD017679 | DIPOLARIZED SOURCE FOR HIGH POWER OPERATION OF AN OPTICAL MODULATOR               |
| ADD017683 | COMBINATION OPTICAL AND IRON SIGHT SYSTEM FOR ROCKET LAUNCHER                     |



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| ADD017684 | SYSTEM AND COMPUTER-IMPLEMENTED METHOD FOR FRACTAL-DIMENSION MEASUREMENT FOR TARGET-MOTION ANALYSIS NOISE DISCRIMINATION                |
| ADD017685 | BREECH BOLT AND LOCK ASSEMBLY   |
| ADD017686 | COMBINATION PIN FOR ATTACHING TRIGGER ASSEMBLY AND SAFING SMALL ARM   |
| ADD017688 | FIBER OPTIC HOLDER  |
| ADD017689 | FREEZE DRIED RED BLOOD CELLS AND PLATELETS  |
| ADD017690 | A DUAL WAVELENGTH SURGICAL LASER SYSTEM   |
| ADD017691 | ALIGNMENT AND BEAM SPREADING FOR GROUND RADIAL AIRBORNE RADAR   |
| ADD017692 | HIGH TEMPERATURE EPOXY-PHTHALONITRILE BLENDS  |
| ADD017695 | MAGNETOSTRICTIVE ACTUATOR WITH AUXILIARY LEAKAGE REDUCING MAGNETIC BIAS   |
| ADD017696 | WARHEAD INFLUENCE   |
| ADD017697 | COMMUNICATION WITH REENTRY VEHICLE THROUGH MODULATED PLASMA   |
| ADD017698 | NON-CONTACTING CAPACITANCE PROBE FOR DIELECTRIC CURE MONITORING   |
| ADD017699 | SYSTEM FOR MONITORING AND ANALYZING FIELD ENERGY EXPOSURE   |
| ADD017700 | SELF-ADAPTING FILTER  |
| ADD017701 | RIB STIFFENED SOUND WAVE PROJECTOR PLATE  |
| ADD017702 | AIRBORNE SYSTEM FOR OPERATION IN CONJUNCTION WITH A MARKER BEACON   |
| ADD017703 | INSULATED MOUNTING SUPPORT FOR LADDER-LINE  |
| ADD017704 | FUZZY CONTROLLER FOR BEAM RIDER GUIDANCE  |
| ADD017705 | SENSOR FOR LOCATING OBJECTS IN THE SEA HAVING A CONDUCTIVE SHELL TO INJECT ELECTRIC CURRENT INTO THE SEA AND A SENSOR COIL IN THE SHELL |
| ADD017706 | FIBER OPTIC COUPLER ASSEMBLY  |
| ADD017707 | CENTER-FED MULTIFILAR HELIX ANTENNA   |
| ADD017709 | HIGH-DAMPING RIB-STIFFENED COMPOSITE HOLLOW CYLINDER CORE CONFIGURATION   |
| ADD017710 | TORQUE BALANCED POSTSWIRL PROPULSOR UNIT AND METHOD FOR ELIMINATING TORQUE ON A SUBMERGED BODY  |
| ADD017711 | METHOD AND APPARATUS FOR NONCONTACT SURFACE CONTOUR MEASUREMENT   |
| ADD017712 | ACOUSTIC MONITOR  |
| ADD017713 | ANECHOIC AND DECOUPLING COATING   |
| ADD017714 | DESIGN OF AN INTEGRATED INLET DUCT FOR EFFICIENT FLUID  |

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|           | TRANSMISSION  |
| ADD017715 | APPARATUS AND METHOD FOR DETERMINING AMOUNT OF GASES DISSOLVED IN LIQUIDS   |
| ADD017716 | REAL TIME STABILIZING SYSTEM FOR PULSATING ACTIVITY   |
| ADD017718 | METHOD FOR IMPROVING THE PERFORMANCE OF UNDERWATER EXPLOSIVE WARHEADS   |
| ADD017719 | INFRARED DECOY  |
| ADD017720 | FIBER OPTIC MICROCABLE PRODUCED WITH FIBER REINFORCED ULTRAVIOLET LIGHT CURED RESIN AND METHOD FOR MANUFACTURING SAME |
| ADD017722 | METHOD AND APPARATUS FOR ACTIVE CONTROL OF COMBUSTION DEVICES   |
| ADD017723 | PENTAFLUOROSULFANYLNITRAMIDE SALTS  |
| ADD017724 | PHOTON CONTROLLED DECOMPOSITION OF NONHYDROLYZABLE AMBIENTS   |
| ADD017725 | SILICON TO SAPPHIRE BOND  |
| ADD017726 | PROCESS FOR MAKING CARBON-CARBON COMPOSITES BY USING ACETYLENE TERMINATED CONJUGATED SCHIFFS BASE MONOMERS            |
| ADD017727 | RADIO TELEMETRY BUOY FOR LONG-RANGE COMMUNICATION   |
| ADD017728 | DATA STRUCTURE EXTRACTION, CONVERSION AND DISPLAY TOOL  |
| ADD017729 | VERTICAL ARRAY DEPLOYMENT DEVICE  |
| ADD017730 | LAUNCHER TUBE DEPLOYED MARKER BEACON INCLUDING SETTLEMENT ATOP FOLIAGE FEATURE  |
| ADD017731 | APPARATUS FOR THE STORAGE OF CYLINDRICAL OBJECTS  |
| ADD017732 | LATERAL FORCE DEVICE FOR UNDERWATER TOWED ARRAY   |
| ADD017733 | FIBER-OPTIC ROTARY JOINT WITH BUNDLE COLLIMATOR ASSEMBLIES  |
| ADD017734 | METHOD AND APPARATUS FOR PRE-PROCESSING INPUTS TO PARALLEL ARCHITECTURE COMPUTERS                                     |
| ADD017735 | SYSTEM AND METHOD FOR DATABASE TOMOGRAPHY   |
| ADD017736 | QUANTITATIVE SOFTWARE DEVELOPMENT ASSESSMENT  |
| ADD017737 | SINGLE LASER METHOD AND SYSTEM FOR MARINE CHANNEL MARKING   |
| ADD017738 | SLIDE VALVE ASSEMBLY  |
| ADD017739 | FABRICATION PROCESS FOR COMPLEX COMPOSITE PARTS   |
| ADD017740 | ELASTOMERIC LAUNCH SYSTEM FOR SUBMARINES  |
| ADD017742 | HYDROSTATIC SEALING SLEEVE FOR SPLICED WIRE CONNECTIONS   |
| ADD017743 | SUBMERSIBLE SENSOR SYSTEM   |
| ADD017744 | SHUTTER DOOR ASSEMBLY   |

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| ADD017745 | DUAL FLOW ALUMINUM HYDROGEN PEROXIDE BATTERY   |
| ADD017746 | ENVIRONMENTALLY SAFE, READY-TO-USE, NON-TOXIC, NON-FLAMMABLE, INORGANIC, AQUEOUS CLEANING COMPOSITION              |
| ADD017747 | APPARATUS FOR CONDUCTING FATIGUE TESTS USING A CONVENTIONAL LATHE DEVICE   |
| ADD017748 | UNDERWATER VEHICLE RECOVERY SYSTEM   |
| ADD017749 | VIBRATION DAMPENER   |
| ADD017750 | TORPEDO TUBE SLIDE VALVE   |
| ADD017751 | NONLINEAR NEURAL NETWORK OSCILLATOR  |
| ADD017752 | FAULT PROTECTION CIRCUIT FOR POWER SWITCHING DEVICE  |
| ADD017754 | CONTROLLED RELEASE OF ACTIVE AGENTS USING INORGANIC TUBULES  |
| ADD017757 | SYSTEM AND METHOD FOR FEATURE SET REDUCTION  |
| ADD017758 | PROCESS FOR THE PREPARATION OF HEADGROUP-MODIFIED PHOSPHOLIPIDS USING PHOSPHATIDYLHYDROXYALKANOLS AS INTERMEDIATES |
| ADD017759 | TECHNIQUE FOR PROCESSING INTERFERENCE-CONTAMINATED RADAR ENERGY  |
| ADD017760 | ADAPTIVE POLARIZATION DIVERSITY DETECTION SCHEME FOR COHERENT COMMUNICATIONS AND INTERFEROMETRIC FIBER SENSORS     |
| ADD017761 | CONTROL SYSTEM FOR TRACKING NONLINEAR SYSTEMS  |
| ADD017762 | FOURIER TRANSFORM MICROSCOPE FOR X-RAY AND/OR GAMMA-RAY IMAGING  |
| ADD017763 | MODE-MATCHED, COMBINATION TAPER FIBER OPTIC PROBE  |