

LIST OF PROPOSED TECHNOLOGIES/PRODUCTS/SERVICES

1.	A High-Cycling Steam Turbine Installation with Increased Energy Efficiency Based on a 300 Mw Steam Turbine
2.	A Technology of Environmentally Clean Processing of Low Calorific Coal and Coal Waste at an Integrated Energy-Metallurgical Plants
3.	Analytical R-Functions-Based Design of Complex Constructions
4.	Apparatus for Nondestructive Testing of Vibratory State of Industrial Equipment
5.	Bench for Testing Kaplan Turbines and Combined Pump-Turbine Units
6.	Elastic Coupling
7.	Electrochemical Technology of Hydrogen Generation
8.	Ferromagnetic Material Fatigue Monitoring by Non-Destructive Magnetic (Coercive Force Meter) Method
9.	Highly Effective Protective Ion-Plasma Coatings for Cutting Tools and Friction Assembly Parts
10.	Magnetic Vortex Hydrodynamic Activator (MVHDA) for Magnetic Treatment of Water Systems
11.	Method of Complete Processing of Oil Products, Producing New Kinds of Artificial Composite Fuels (Including Biofuel), and Improving Their Power Ecological Indices
12.	Methods of on-Line Diagnostics of Surfaces Condition of Manufactured Articles
13.	New Highly Effective Technologies of Grinding of Hard-to-Machine Materials
14.	Production Technique of a Bird Imitator for Testing Structural Optics to Withstand Impact by Birds
15.	Self-Contained Deep-Sea Lifting Gear
16.	Software Package for Analyzing 3-D Non-Stationary Viscous Gas Flow Through a Stage of Axial Flow Turbomachine Taking into Account Blade Oscillations
17.	Straight-Flow Micro HPS with a Constant Magnet Generator
18.	Technology for Rapid Blocking of Emergency Sections of Oil and Gas Pipelines and a Mobile Complex for Implementation Thereof
19.	Technology of Wasteless Water Treatment
20.	Unmanned System of Vibro-Monitoring and Diagnostics of (USVD) a Turboset