

PLASMA PROCESSES

PLASMA IP (Rev 6/1/25)

1. Trademark
 - a. EL-FORM – Reg. No. 4,086,582
 - b. Rubicon Space Systems applied for in 2022
 - c. Rubicon applied for in 2022

2. Patent Applications
 - a. High Temperature Corrosion Resistant Ruthenium Composite Structure Consisting of Ruthenium and its Alloys
 - i. Status – Continuation applied for July 15, 2022/Revised 2/2025
 - ii. based on patent 11,390,960

3. Issued Patents
 - a. Zirconium Coating for a Substrate
 - i. USPN 10,106,902
 - b. Nano Powders, Components and Coatings by Plasma Technique
 - i. 7,615,097
 - c. Plasma Spray Nozzle with Low Overspray and Collimated Flow
 - i. 5,573,682
 - d. High Temperature and Highly Corrosive Resistant Sample Containment Cartridge
 - i. 5,773,104
 - e. High Temperature and Highly Corrosive Resistant Sample Containment Cartridge and Method of Fabricating Same
 - ii. 5,773,104
 - iii.
 - f. High Temperature Corrosion Resistant Ruthenium Composite Structure Consisting of Ruthenium and its Alloys
 - i. 11,390,960.
 - e. Advanced Composites and Coatings for Radiation Environmental Shielding
 - ii. 12,051,516 B1
 - iii. Filed through JV, GeoPlasma

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