

Electrochemical Ammunition Disposal System and Method

**Technology
Description:**

An ammunition disposal technique known as electrochemical ammunition disposal employs electricity to disassemble ammunition into its constituent pieces. All types of ammunition, including live ammunition, can be disposed of using this procedure that is both secure and safe for the environment. The newly designed method disintegrates the ammo using an acidic aqueous solution. A voltage is applied after the ammo is added to the solution. An electrochemical process that is triggered by the voltage breaks down the ammo by causing a current to flow through the solution. The finished products can then be recycled or safely disposed of.

Inventors:

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Applications:

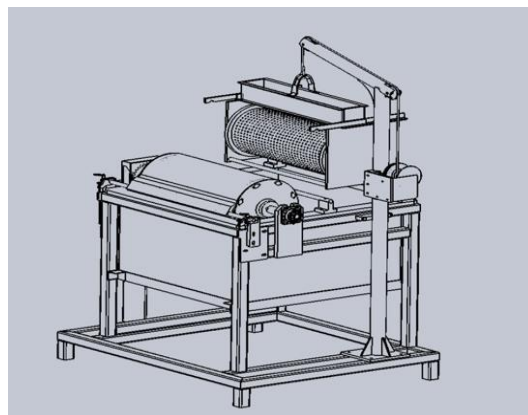
- Military and Defense Sector
- Waste Management and Recycling Industry
- Research and Development

Benefits:

- **Environment Safety:** Promotes the efficient and controlled dissolution of ammunition shells, reducing air and soil pollution.
- **Reduction of Transportation and Storage risks:** By facilitating on-site disposal and material recovery, the technology can help minimize the risks associated with transporting and storing large quantities of ammunition.
- **Versatility:** Technology applicable to wide range of ammunition types and compositions including small arms ammunition, artillery shells, or other forms of munitions.

Patent Status:

Patent issued United States of America and pending in other countries.



*Electrochemical
Ammunition Device*

For more information:

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