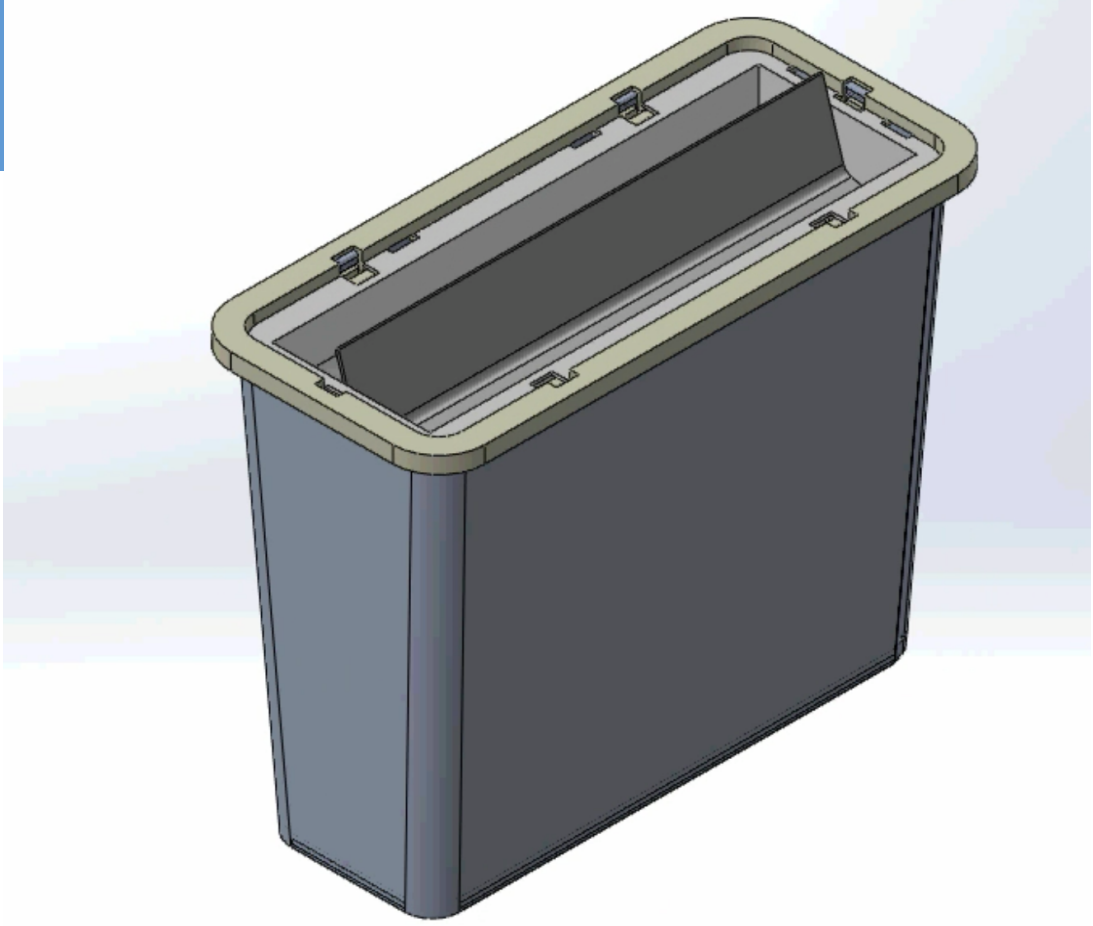
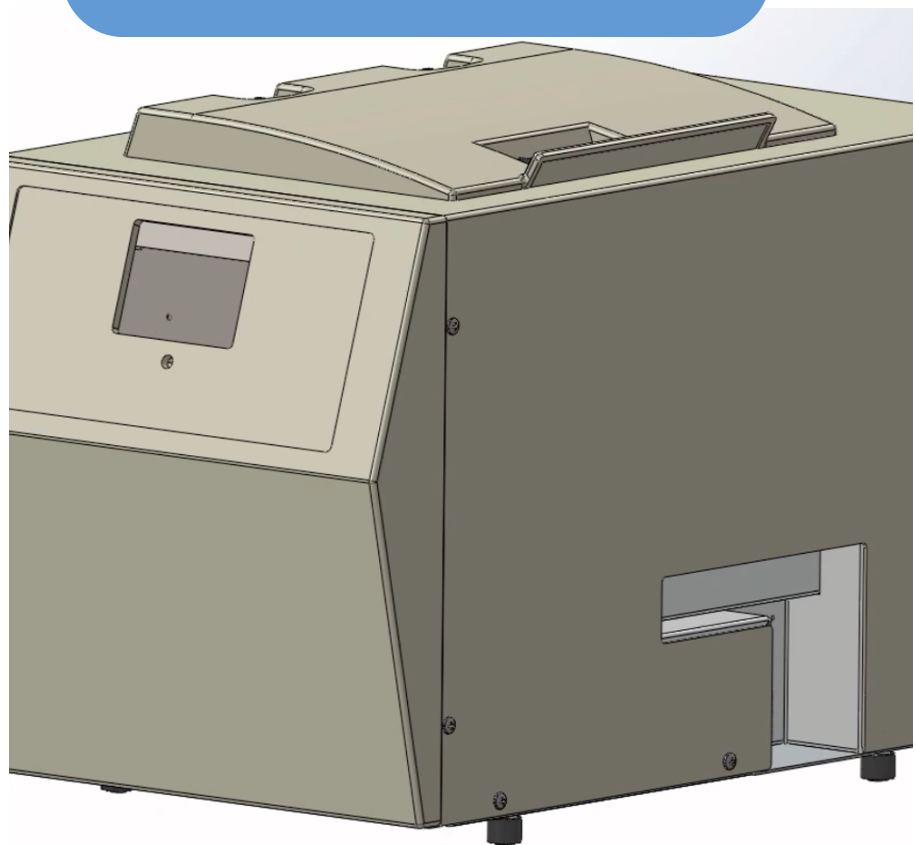


DEMOLIZER



ECO BIOHAZARD DISPOSAL TECHNOLOGY AUGMENTED REALITY & IOT



Looking for
partnerships,
License or Sale

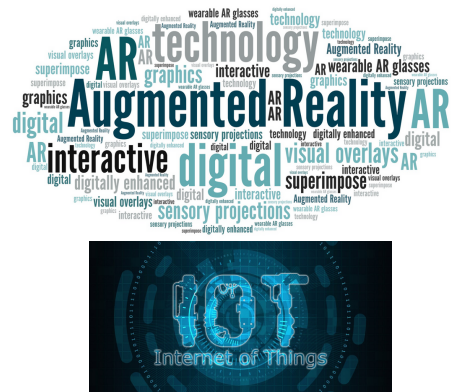


TECHNOLOGY

Demolizer II provides a simple, effective solution to biomedical waste management at the point of generation. Thus, eliminating the possibility of disposing sharps and red bag biomedical waste directly into the environment.

EGLA CORP owns a US Pat. 11,441,773, and continuations. As well as all specifications CAD/CAM to manufacture Demolizer devices. The CNC designs are also available to license.

BIOHAZARD DISPOSAL AUGMENTED REALITY & IOT



The patented technology relies on IOT and Augmented Reality to control the EPA approved process. All reports are stored online and sensors ensure safety.

EGLA can customize the software product to your needs and configure cloud, apps, etc.

The IP in IP tunneling functionality is perfect for medical environments and HIPAA compliance.



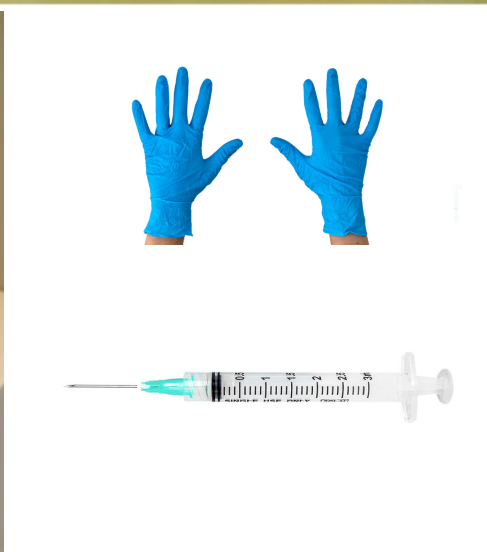
(12) **United States Patent**
Hernandez-Mondragon

(10) **Patent No.:** US 11,441,773 B2
(45) **Date of Patent:** Sep. 13, 2022

(54) SYSTEMS AND METHODS FOR IMPROVED BIOHAZARD WASTE DESTRUCTION		(56) References Cited	
		U.S. PATENT DOCUMENTS	
(71) Applicant: Edwin Alcides Hernandez-Mondragon , Coral Springs, FL (US)		5,956,019 A	9/1999 Bang et al.
		5,972,291 A	10/1999 Healy et al.
		7,119,689 B2	10/2006 Mallett et al.
		7,318,529 B2	1/2008 Mallett et al.
(72) Inventor: Edwin Alcides Hernandez-Mondragon , Coral Springs, FL (US)		10,394,256 B2 *	8/2019 Jones G05B 19/41855
		(Continued)	
		FOREIGN PATENT DOCUMENTS	
(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.		CN	1237685 A 12/1999
		DE	3911971 A1 10/1990
		WO	2017/140243 8/2017
		OTHER PUBLICATIONS	
(21) Appl. No.: 16/578,098		"Radiators and heaters in Augmented Reality", AR Visual, Aug. 26, 2019.	
(22) Filed: Sep. 20, 2019		(Continued)	
(65) Prior Publication Data		Primary Examiner — Nathaniel Herzfeld	
US 2020/0096194 A1 Mar. 26, 2020		(74) Attorney, Agent, or Firm — Gregory L. Mayback; Dickinson Wright PLLC	
		(57) ABSTRACT	
		Systems and methods that comprise scanning, using a camera on a mobile electronic device, a target item coupled to a heating device. The heating device comprises: a transceiver that receives commands for controlling operations of the heating device to dispose of biohazard waste; and a target item that is coupled to or presented by the heating device, and includes heating device identification data. The methods also comprise: obtaining, using a mobile communication device including a circuit, the heating device identification data from the target item; accessing the heating device using the heating device identification data; and causing a graphical user interface to be presented that enables user-software interactions for communicating the commands from the mobile communication device to the heating device.	
(60) Provisional application No. 62/920,590, filed on Sep. 20, 2018.		20 Claims, 14 Drawing Sheets	
(51) Int. Cl.			
F23G 5/50 (2006.01)			
G06K 19/02 (2006.01)			
(52) U.S. Cl.			
CPC F23G 5/50 (2013.01); G06K 19/025 (2013.01); F23G 2207/101 (2013.01); F23G 2207/104 (2013.01); F23G 2209/20 (2013.01)			
(58) Field of Classification Search			
CPC F23G 5/50			
See application file for complete search history.			

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Innovation &
Technology



PROCESS

The needles, gloves, or other biohazards are placed inside the container. Once full is inserted into the demolizer for destruction, controlled from your mobile device.

Full Control
Remote
Secured



- 1 Place cotainer in Demolizer
- 2 Mobile Phone Web Appr
- 3 Start & wait for notification



RESULT

Environmentally friendly product, sterilized from all bacteria, virus, and recyclable, or simply thrown away to trash can.

Mobile



Augmented Reality and
IoT Controls to manage
Device, access log files,
and Diagnostics