U.S. Patents

1. *Method and Apparatus for Changing Physical and Chemical Properties of Materials*; U.S. Patent Number: 4,758,003; Issued July 19, 1988; Inventor: Mark K. Goldstein.

2. *Biomimetic Sensor that Simulates Human Response to Airborne Toxins*; U.S. Patent Number: 5,063,164; Issued November 5, 1991; Inventor: Mark K. Goldstein.

3. *Toxic Gas-Detector System Having Convenient Battery and Sensor Replacement*; U.S. Patent Number: 5,280,273; Issued January 18, 1994; Inventor: Mark K. Goldstein.

4. *Multiband Emitter Matched to Multilayered Photovoltaic Collector*; U.S. Patent Number: 4,776,895; Issued October 11, 1988; Inventor: Mark K. Goldstein.

5. *Self-Powered Intermittent Ignition and Control System for Gas Combustion Appliances*; U.S. Patent Number: 4,778,378; Issued October 18, 1988; Inventors: Mark K. Goldstein and Earl M. Dolnick.

6. *Photovoltaic Control System*; U.S. Patent Number: 4,793,799; Issued December 21, 1989; Inventors: Mark K. Goldstein and Earl M. Dolnick.

7. *Fuel Valve Control System*; U.S. Patent Number: 4,806,095; Issued February 21, 1989; Inventors: Mark K. Goldstein and Earl M. Dolnick.

8. *Photosensitive Control of Electrically Powered Emissive-Ignition Devices*; U.S. Patent Number: 4,898,531; Issued February 6, 1990; Inventors: Mark K. Goldstein and Earl M. Dolnick.

9. *Self-Powered Gas Appliance*; U.S. Patent Number: 4,906,178; Issued March 6, 1990; Inventors: Mark K. Goldstein and Earl M. Dolnick.

10. *Selective-Emissive Burner*; U.S. Patent Number: 5,281,131; Issued January 25, 1994; Inventor: Mark K. Goldstein.

11. *Thermally Amplified and Stimulated Emission Radiator Fiber-Matrix Burner*; U.S. Patent Number: 5,356,487; Issued October 18, 1994; Inventor: Mark K. Goldstein.

12. *Selective-Emissive Cooking Stove*; U.S. Patent Number: 5,400,765; Issued March 28, 1995; Inventors: Mark K. Goldstein and Leo Block.

13. *Superemmissive Light-Pipes for TPV and Other Applications*; U.S. Patent Number: 5,500,054; Issued March 19, 1996; Inventor: Mark K. Goldstein.

14. *Thermally Stimulated Focused-Photon Sources*; U.S. Patent Number: 5,503,685; Issued April 2, 1996; Inventor: Mark K. Goldstein.

15. *Enclosure for a Gas Detector System*; U.S. Patent Number: 5,596,314; Issued January 21, 1997; Inventor: Mark K. Goldstein.

16. *Photon Absorbing Bioderived Organometallic Carbon Monoxide Sensors*; U.S. Patent Number: 5,618,493; Issued April 8, 1997; Inventors: Mark K. Goldstein, Michelle S. Oum, and Kathleen Kerns.

17. *High Intensity, Low NOx Matrix Burner*; U.S. Patent Number: 5,711,661; Issued January 27, 1998; Inventors: Alexandr S. Kushch and Mark K. Goldstein.

18. *Non-Regenerating Carbon Monoxide Sensor*; U.S. Patent Number: 5,733,505; Issued March 31, 1998; Inventors: Mark K. Goldstein, Vernon T. Taniguchi, William B. Helfman, and Michelle S. Oum.

19. *Detection Apparatus and Method*; U.S. Patent Number: 5,793,295; Issued; August 11, 1998; Inventor: Mark K. Goldstein.

20. *Sequence of Selective Emitters Matched to Sequence of Photovoltaic Collectors*; U.S. Patent Number: 6,065,418; Issued May 23, 2000; Inventors: Alexandr S. Kushch and Mark K. Goldstein.

21. *Digital CO Detector*; U.S. Patent Number: 6,096,560; Issued August 1, 2000; Inventors: Lucian Scripca and Mark K. Goldstein.

22. *Lasers Pumped by Thermally Stimulated Photon Emitter*; U.S. Patent Number: 6,128,325; Issued Oct. 3, 2000; Inventors: Alexandr S. Kushch, Larry Deshazer, and Mark K. Goldstein.

23. *Method for Strong Mantles & Other Ceramci Structures*; U.S. Patent Number: 6,126,888; Issued Oct. 3, 2000; Inventor: Mark K. Goldstein.

24. *Surveillance System*; U.S. Patent Number: 6,104,031; Issued August 15, 200; Inventors: Louis T. Montulli, Mark K. Goldstein, and Robert E. Nelson.