

[54] **TRANSFORMATION OF ELECTRICAL ENERGY TO PHYSICAL ENERGY**  
 [76] Inventor: **Kenneth S. McClure**, Rte. 1, Thayer, Kans. 66776  
 [21] Appl. No.: **571,975**  
 [22] Filed: **Oct. 31, 1977**  
 [51] Int. Cl.<sup>2</sup> ..... **F02B 43/08**  
 [52] U.S. Cl. .... **123/1 A; 123/3; 123/25 B; 123/25 D; 123/119 E; 123/DIG. 12**  
 [58] Field of Search ..... **123/1 A, 3, DIG. 12, 123/119 E, 25 B, 25 C, 25 D; 60/39.55**

3,444,098 5/1969 Bottazi et al. .... 123/191 A  
 3,648,668 3/1972 Pacheco ..... 123/1 A  
 3,921,985 11/1975 Fimml ..... 123/119 E  
 3,939,806 2/1976 Bradley ..... 123/DIG. 12  
 4,009,006 2/1977 Hreha ..... 123/3  
 4,031,865 6/1977 Dufour ..... 123/1 A  
 4,052,139 10/1977 Paillaud et al. .... 123/1 A

*Primary Examiner*—Charles J. Myhre  
*Assistant Examiner*—Craig R. Feinberg  
*Attorney, Agent, or Firm*—John H. Widdowson

[57] **ABSTRACT**

An improved means and process for providing for the removal of hydrogen from a catalytic cathode means whereby the hydrogen may be recombined with oxygen to provide explosive force to power an internal combustion engine.

[56] **References Cited**  
**U.S. PATENT DOCUMENTS**  
 2,780,602 2/1957 Berkman ..... 123/191 A  
 3,318,293 5/1967 Hickling et al. .... 123/119 E  
 3,381,675 5/1968 Schiavone ..... 123/193 H

**13 Claims, 4 Drawing Figures**

