



US00D469057S

(12) **United States Design Patent**
Shugar

(10) **Patent No.:** **US D469,057 S**

(45) **Date of Patent:** **** Jan. 21, 2003**

(54) **ELECTRIC CART PV PANEL SOLAR CELL LAYOUT**

6,384,314 B1 * 5/2002 Lund-Hansen 126/621

* cited by examiner

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(**) **Term:** **14 Years**

(57) **CLAIM**

(21) **Appl. No.:** **29/137,300**

The ornamental design for an electric cart PV panel solar cell layout, as shown and described.

(22) **Filed:** **Feb. 16, 2001**

DESCRIPTION

(51) **LOC (7) Cl.** **13-02**

(52) **U.S. Cl.** **D13/102**

(58) **Field of Search** D13/102; 52/173.3; 126/569; 136/244

The electric cart PV panel solar cell layout is the ornamental arrangement of solar electric cells used as part of a photo-electric panel mounted to the roof of an electric vehicle, in particular electric golf carts.

(56) **References Cited**

FIG. 1 is a top plan view of an electric cart PV panel solar cell layout showing my new design, the broken line showing of environmental structure being for illustrative purposes only and forming no part of the claimed design;

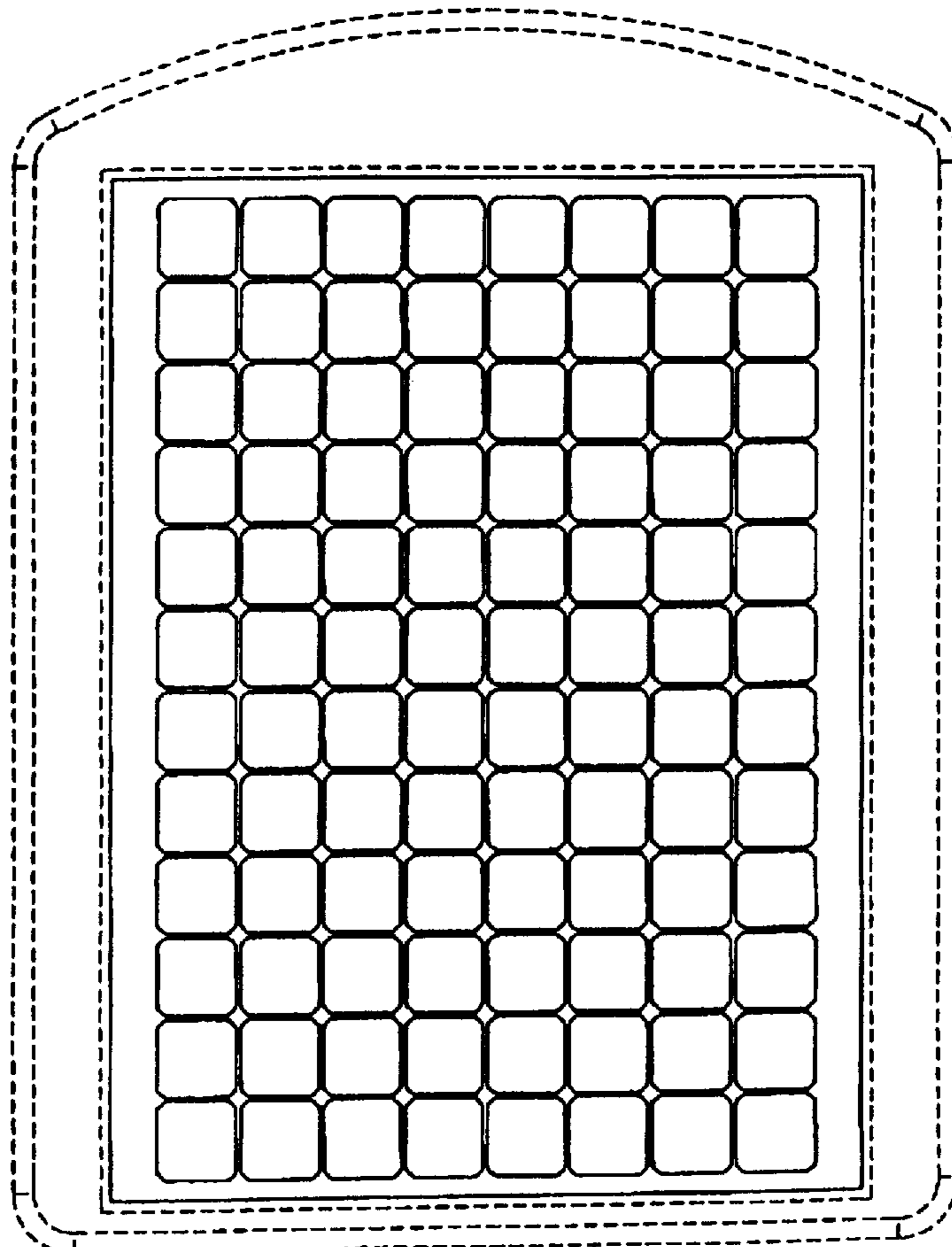
U.S. PATENT DOCUMENTS

4,040,867 A	8/1977	Forestieri et al.	
4,189,881 A	2/1980	Hawley	
4,321,416 A	3/1982	Tennant	
D303,244 S	* 9/1989	Hanak D13/102
4,999,059 A	* 3/1991	Bagno 126/688
6,060,658 A	* 5/2000	Yoshida et al. 136/243

FIG. 2 is a right side elevational view thereof, the left side elevational view being identical; and,

FIG. 3 is a rear elevational view thereof, the front elevational view being identical.

1 Claim, 1 Drawing Sheet



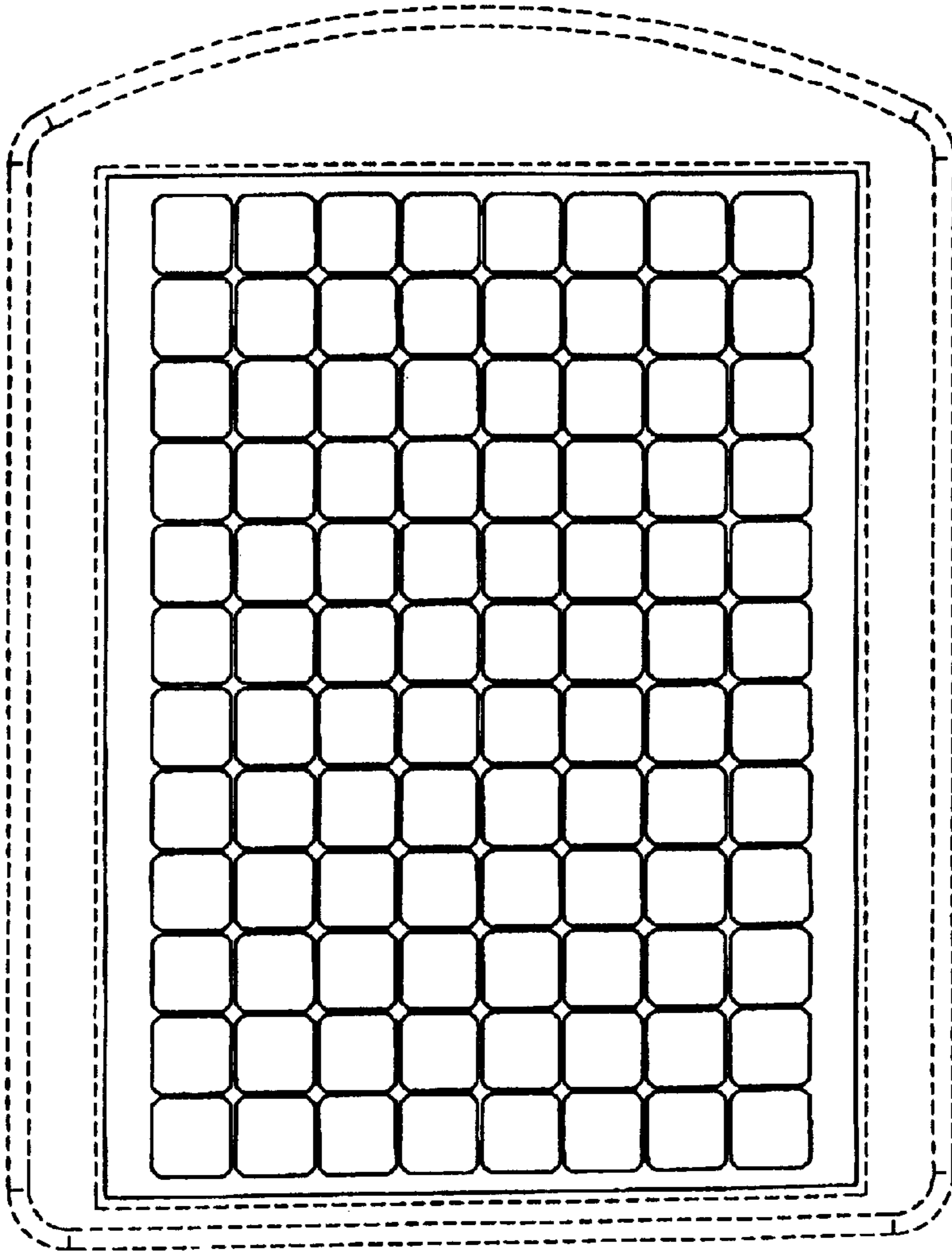


FIG. 1



FIG. 2



FIG. 3