

[54] **WIDE ANGLE FRESNEL LENS ARRAY FOR INFRARED MOTION DETECTOR SYSTEM**

[56] **References Cited**

[75] **Inventors: Richard N. Claytor, Arlington; Russell G. Torti, Fort Worth, both of Tex.**

**U.S. PATENT DOCUMENTS**

1,399,749	12/1921	Conklin .....	362/339 X
1,970,358	8/1934	Bull et al. ....	350/452 X
3,463,118	8/1969	Wood .....	350/162.18 X
3,708,222	1/1973	Stern .....	350/452 X
3,883,733	5/1975	Nagel .....	362/334
4,772,094	9/1988	Sheiman .....	350/452 X

[73] **Assignee: Fresnel Technologies, Inc., Fort Worth, Tex.**

**FOREIGN PATENT DOCUMENTS**

968412	2/1958	Fed. Rep. of Germany .....	362/225
2173013A	10/1986	United Kingdom .....	350/452

[\*] **Notice: The portion of the term of this patent subsequent to Mar. 12, 2005 has been disclaimed.**

*Primary Examiner*—Susan J. Lucas  
*Attorney, Agent, or Firm*—James E. Bradley

[\*\*] **Term: 14 Years**

[57] **CLAIM**

The ornamental design for a wide angle fresnel lens array for infrared motion detector system, as shown and described.

[21] **Appl. No.: 267,788**

**DESCRIPTION**

[22] **Filed: Nov. 7, 1988**

The single FIGURE is a front elevational view of a wide angle fresnel lens array for infrared motion detector system showing our new design, the lens array being a flat, rectangular, thin sheet having a front surface with grooves thereon and a plain, smooth, rear surface with no ornamentation.

[52] **U.S. Cl. .... D26/122; D10/121**

[58] **Field of Search .... D10/121; D26/118, 120, D26/121, 122, 123, 128-137; 362/319, 326-340; 350/432-436, 452, 167, 162.11, 162.18, 1**



