



US00D340312S

# United States Patent [19]

[11] Patent Number: **Des. 340,312**

Claytor

[45] Date of Patent: **\*\* Oct. 12, 1993**

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

1,970,358	8/1934	Bull et al. ....	359/742 X
3,463,118	8/1969	Wood .....	359/567
3,708,222	1/1973	Stern .....	359/851 X
3,883,733	5/1975	Nagel .....	362/334
4,772,094	9/1988	Sheiman .....	359/742 X

[75] Inventor: **Richard N. Claytor, Arlington, Tex.**

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

### FOREIGN PATENT DOCUMENTS

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

968412	2/1958	Fed. Rep. of Germany ....	D26/122
2173013A	10/1986	United Kingdom .....	D26/122

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

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

[21] Appl. No.: **645,675**

### [57] CLAIM

[22] Filed: **Jan. 24, 1991**

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

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

[58] Field of Search ..... **D26/121, 122, 123, 128-137; D10/121; 362/319, 326-340; 359/567, 742, 851**

### DESCRIPTION

[56] **References Cited**

The single FIGURE is a front elevational view of a wide angle fresnel lens array for infrared motion detector showing my 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.

### U.S. PATENT DOCUMENTS

D. 315,422	3/1991	Claytor et al. ....	D26/122
D. 315,966	4/1991	Claytor et al. ....	D26/122





