

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

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

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

FOREIGN PATENT DOCUMENTS

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

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

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

[**] Term: 14 Years

[21] Appl. No.: 316,436

[57] CLAIM

[22] Filed: Feb. 27, 1989

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

[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

DESCRIPTION

The single FIGURE is a front elevational view of a dense 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.

[56] References Cited

U.S. PATENT DOCUMENTS

1,399,749 12/1921 Conklin 362/339 X
1,970,358 8/1934 Bull et al. 350/452 X



