



US006144158A

United States Patent [19] Beam

[11] **Patent Number:** **6,144,158**
[45] **Date of Patent:** ***Nov. 7, 2000**

[54] **ADAPTIVE/ANTI-BLINDING HEADLIGHTS**

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[73] Assignee: **Sensci Corporation**, Alexandria, Va.

[*] Notice: This patent issued on a continued prosecution application filed under 37 CFR 1.53(d), and is subject to the twenty year patent term provisions of 35 U.S.C. 154(a)(2).

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Primary Examiner—David H. Vu
Attorney, Agent, or Firm—Jones, Tullar & Cooper, PC

[21] Appl. No.: **08/744,312**

[22] Filed: **Nov. 7, 1996**

[51] **Int. Cl.**⁷ **B60Q 1/02; H05B 37/02**

[52] **U.S. Cl.** **315/82; 307/10.8; 250/208.1**

[58] **Field of Search** 362/466; 349/1,
349/56; 315/363, 76, 77, 82; 307/9.1, 10.1,
10.8; 250/208.1

[57] **ABSTRACT**

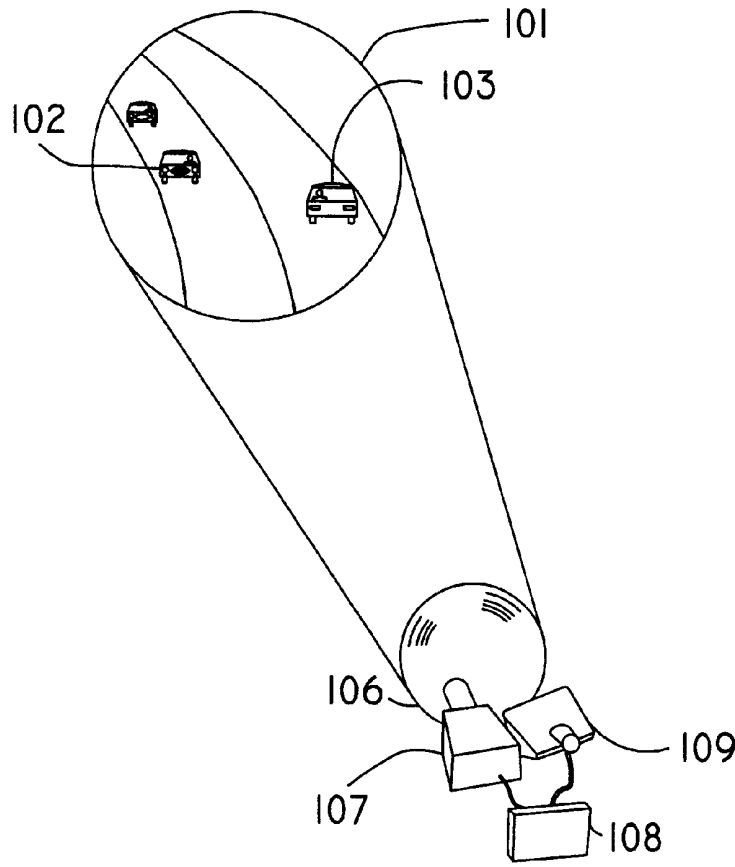
This invention relates to the production of a beam of light comprised of many microbeams, controlled by incoming radiation, employing a sensor to determine the location of light sources forward of the apparatus and using that information to control the intensity, and/or the angular position, of one or more narrow-angle microbeams, which are part of a large number of beams comprising the overall output beam.

[56] **References Cited**

U.S. PATENT DOCUMENTS

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6 Claims, 7 Drawing Sheets



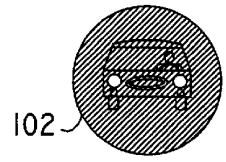
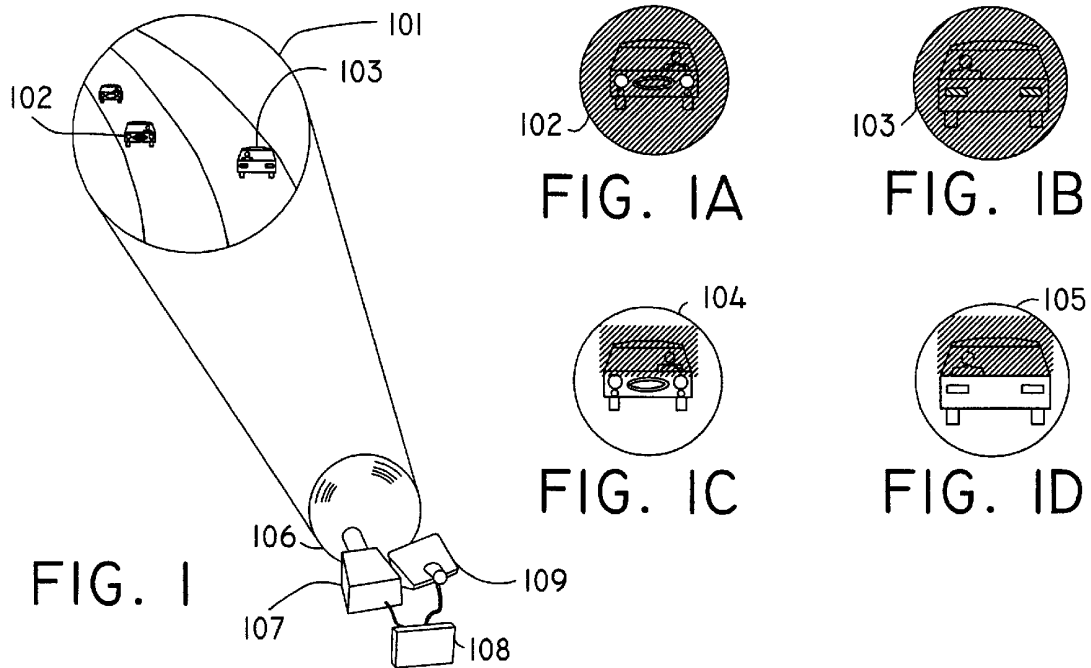


FIG. IA

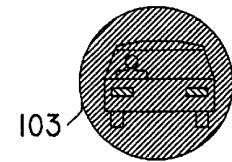


FIG. IB

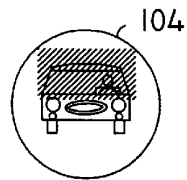


FIG. IC

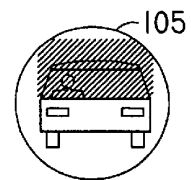
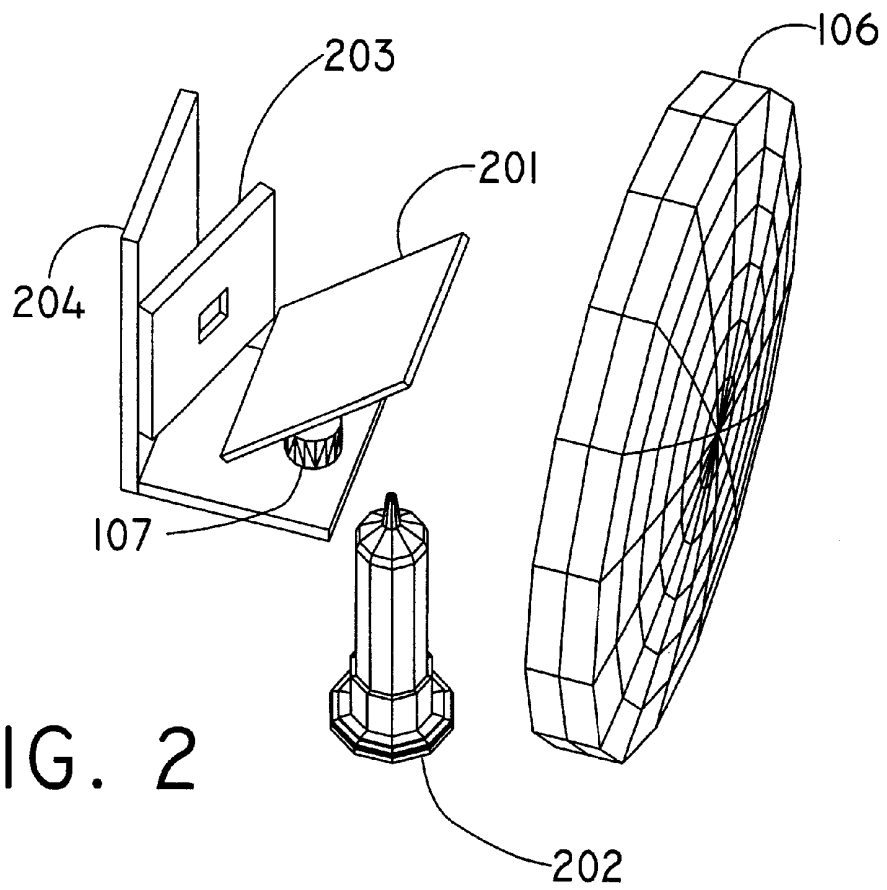


FIG. ID



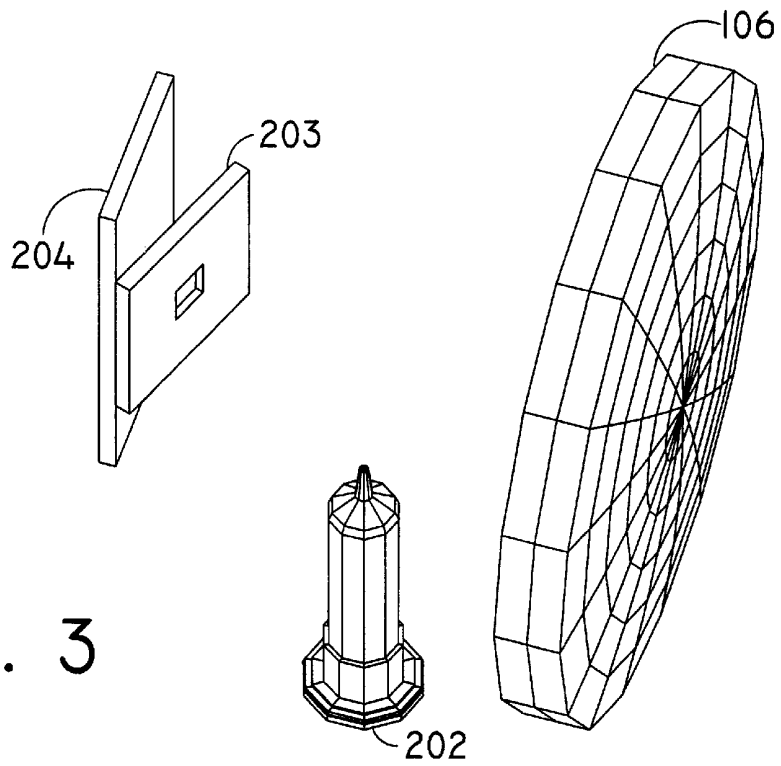
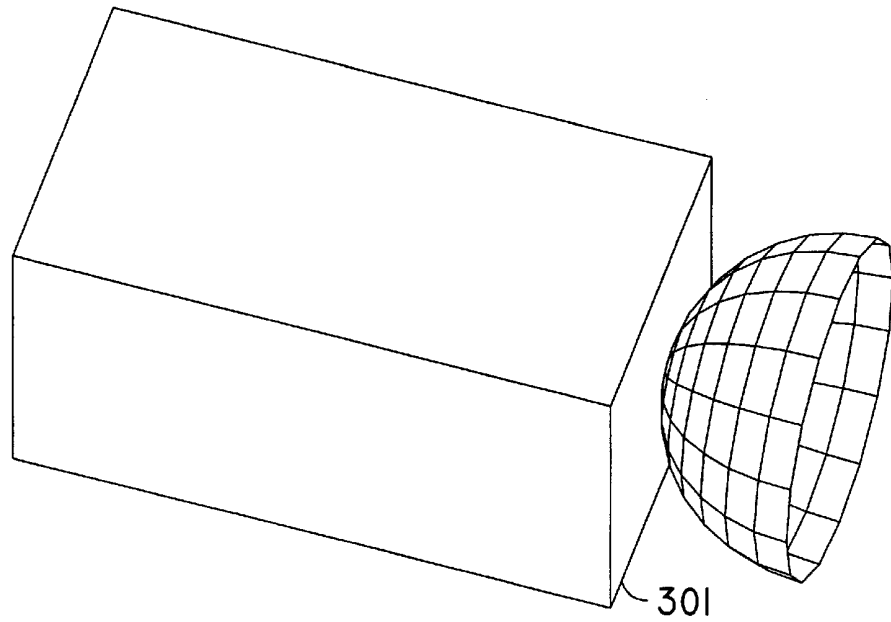


FIG. 3

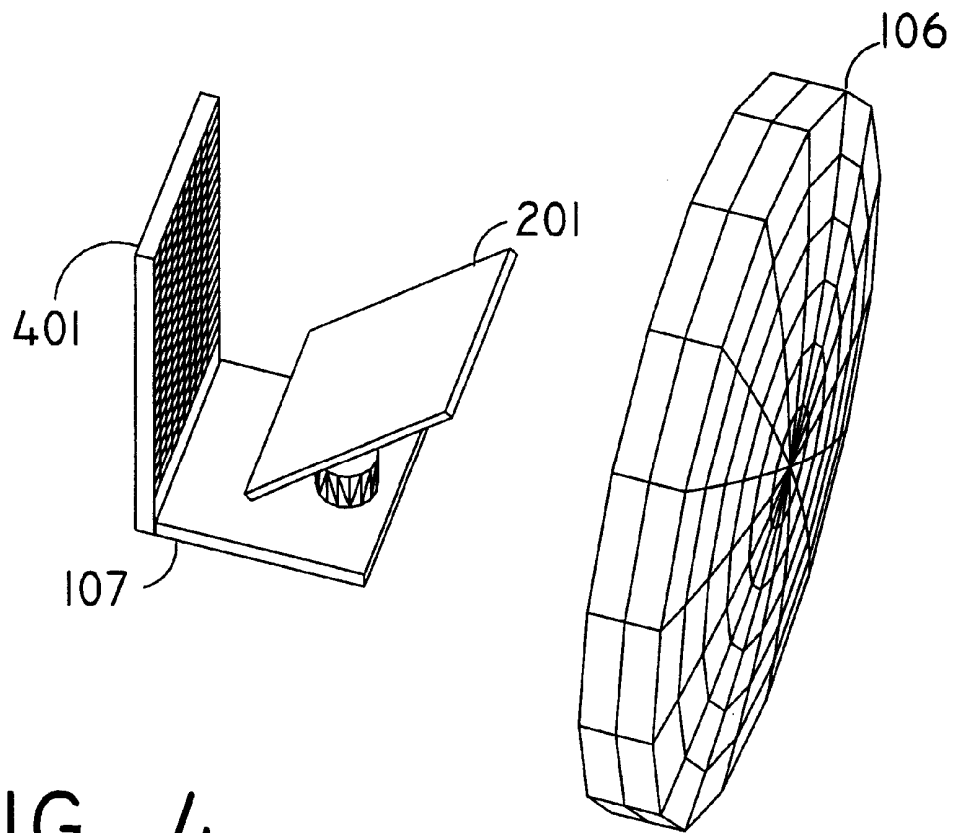


FIG. 4

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