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United States Patent [19]

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Nelson

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- [54] **PORTABLE LIGHTING UNIT**
- [75] Inventor: **Robert C. Nelson, Daniels, W. Va.**
- [73] Assignee: **Century Mfg. and Eqpt., Inc., Beckley, W. Va.**
- [21] Appl. No.: **934,193**
- [22] Filed: **Aug. 21, 1992**
- [51] Int. Cl.⁵ **F21V 21/14**
- [52] U.S. Cl. **362/250; 362/419; 362/427**
- [58] Field of Search **362/61, 238, 250, 285, 362/382, 403, 418, 419, 431, 450, 27**

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Primary Examiner—Albert J. Makay
Assistant Examiner—Alan B. Cariaso
Attorney, Agent, or Firm—McCaleb, Lucas & Brugman

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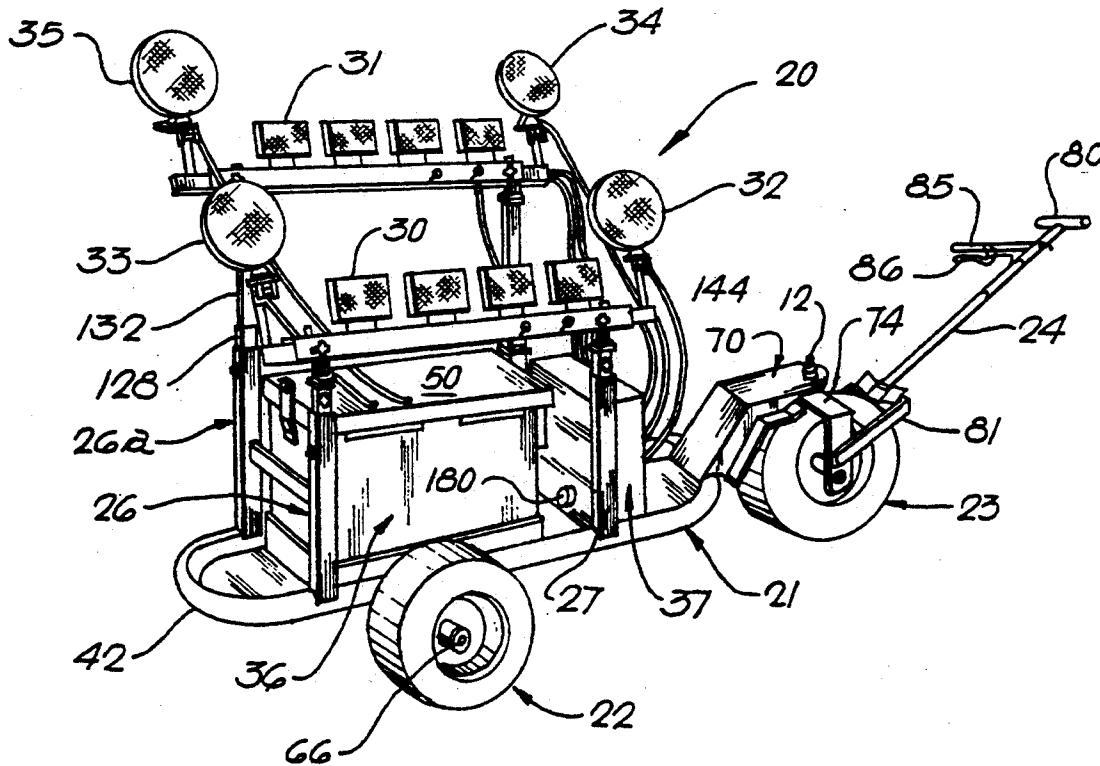
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[57] **ABSTRACT**

A portable lighting unit comprising a three wheeled transportation vehicle having a low slung bed frame mounted over two axially aligned wheels while a third wheel thereof is pivotally mounted at one end of the vehicle frame and is steerable in response to movements of a pulling tongue. Plural high intensity flood lamps are mounted in parallel horizontal banks atop two elongated light bars which in turn are pivotally carried on top of vertically adjustable telescopic masts for pivoting the lamps. Additionally portable flood lights are detachably mounted on the light bars for hand held mobile spot light operation or selective positioning remotely of the vehicle on ground engaging stands. A heavy duty battery powers the lamps and flood lights over switch controlled circuits available via insulated cables and a distribution panel.

11 Claims, 8 Drawing Sheets



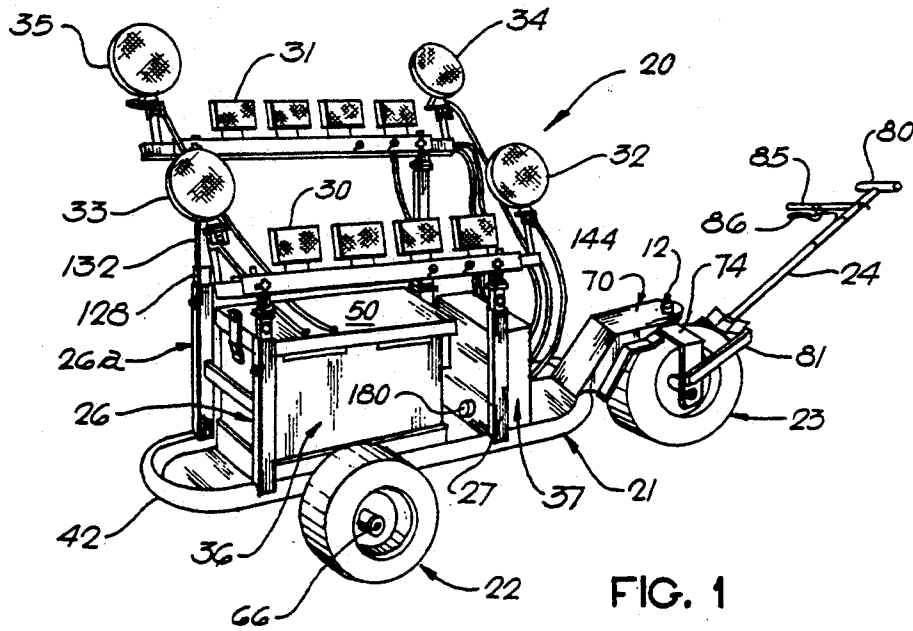


FIG. 1

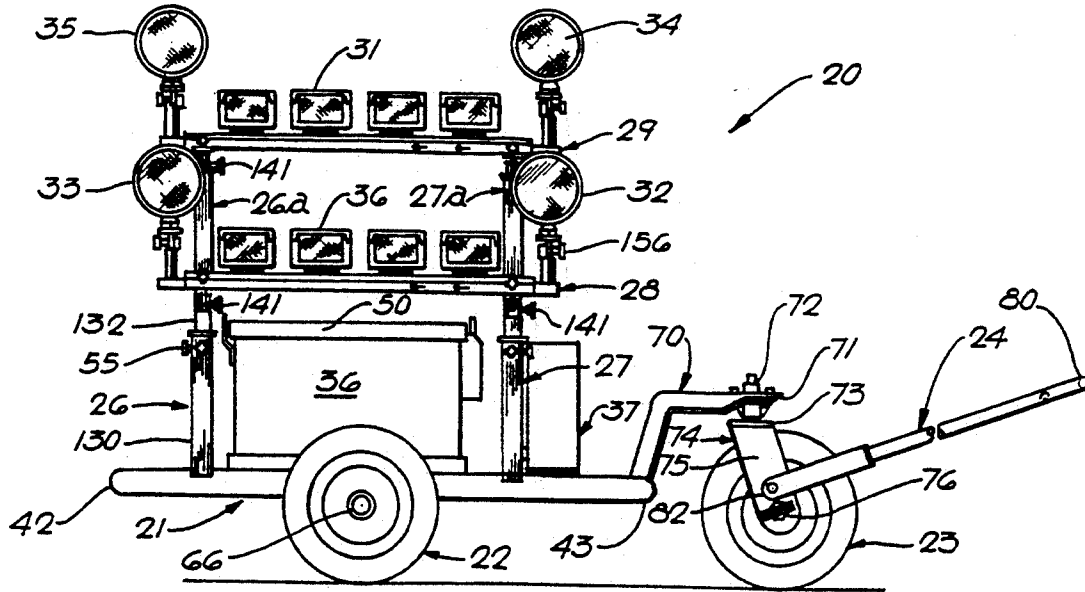


FIG. 2

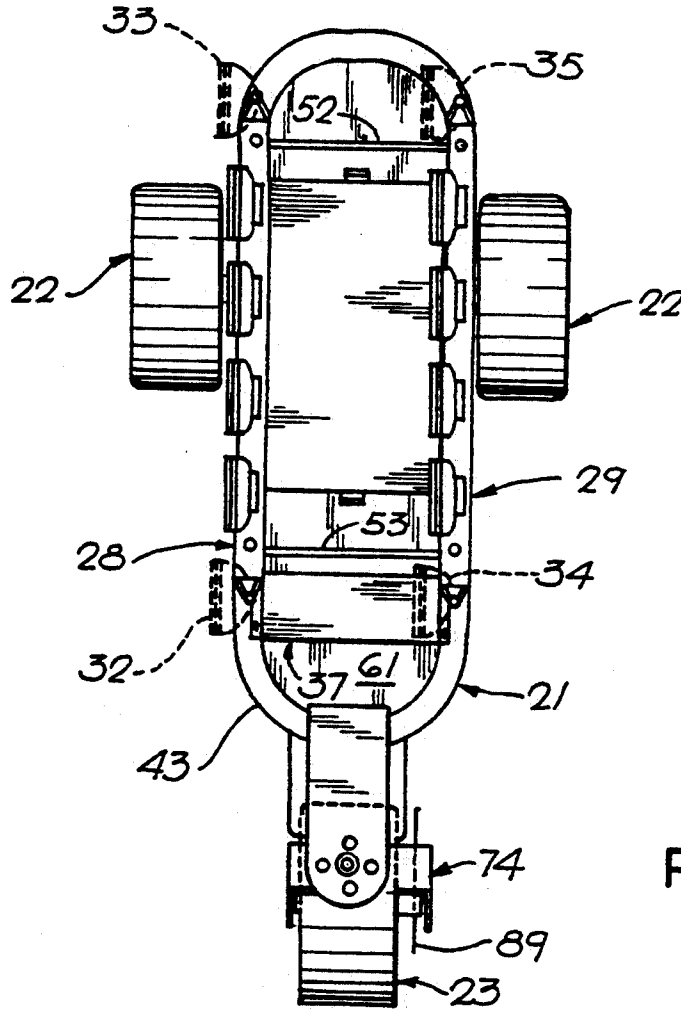


FIG. 4

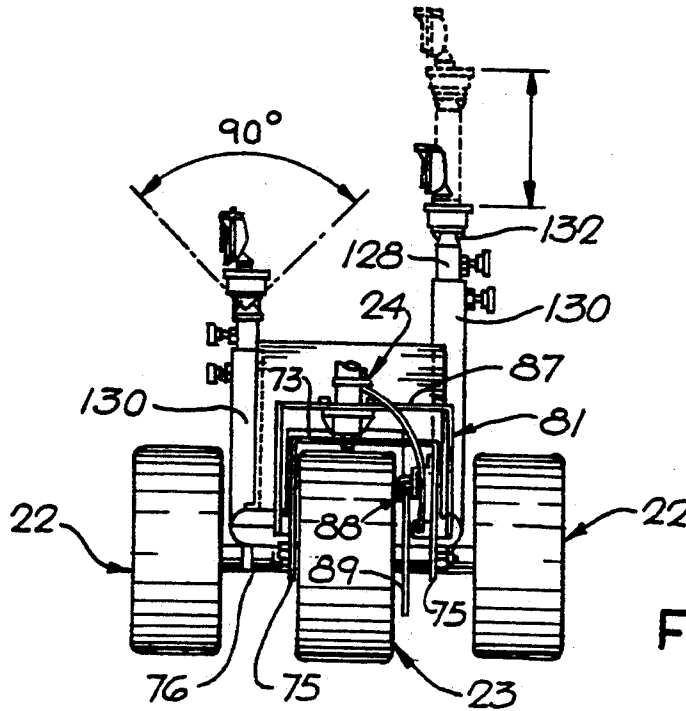


FIG. 3

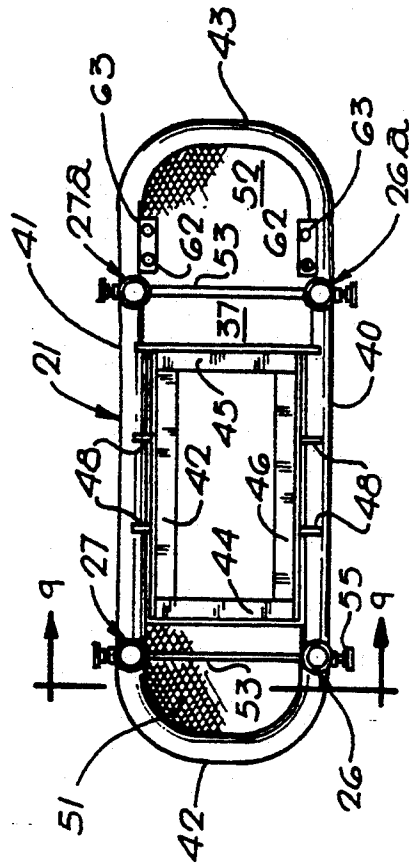


FIG. 8

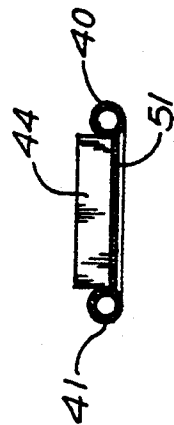


FIG. 9

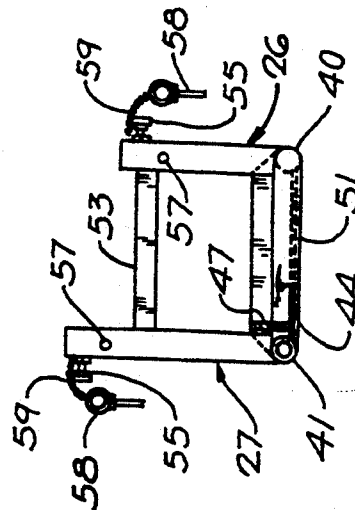


FIG. 6

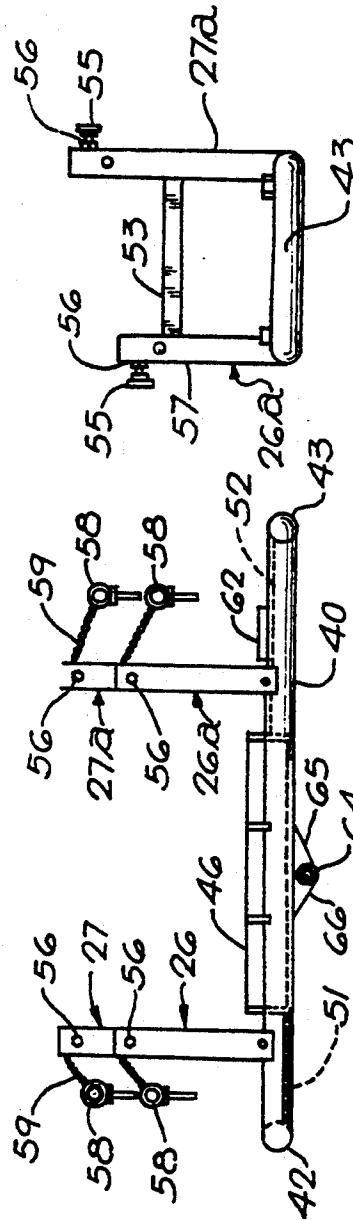


FIG. 5

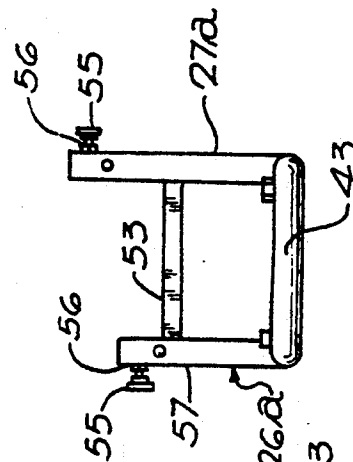
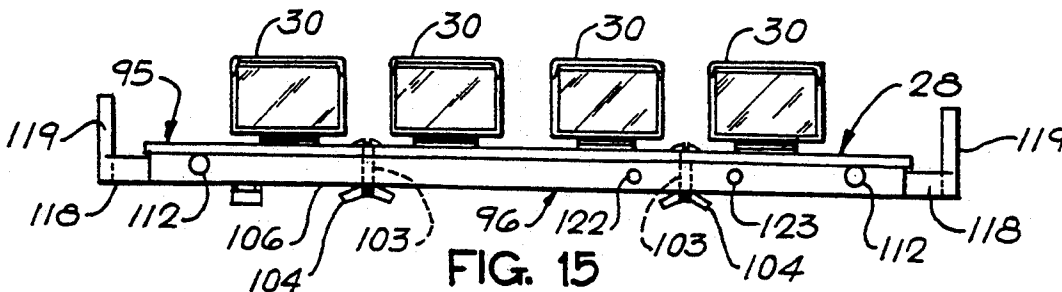
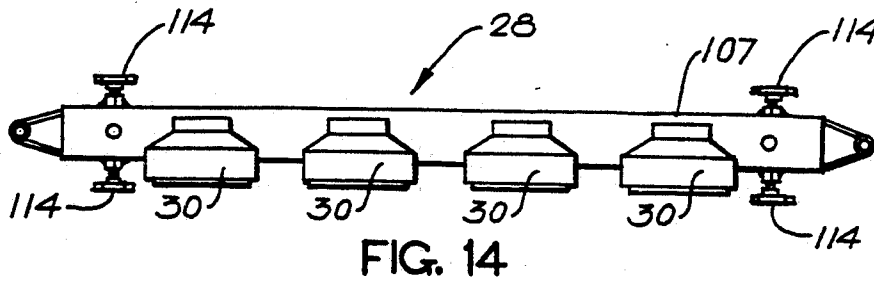
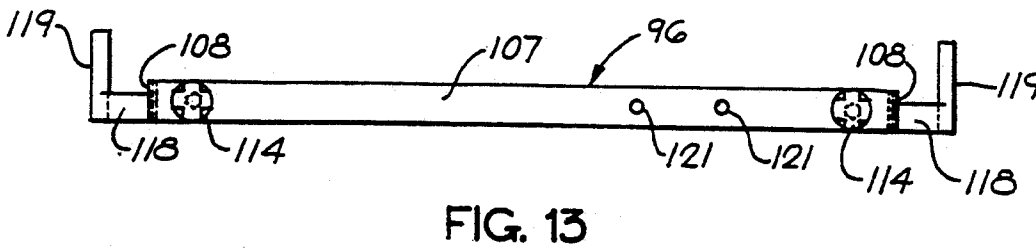
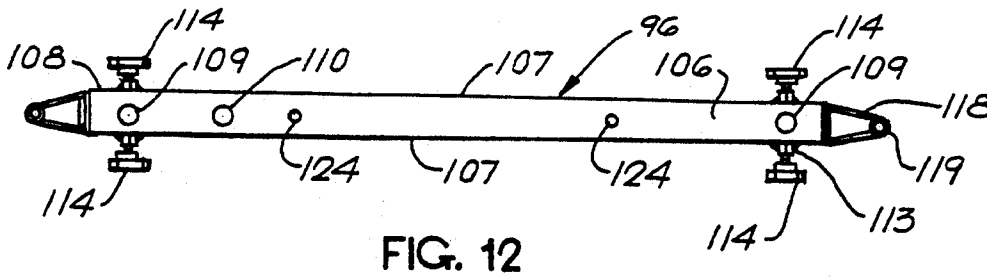
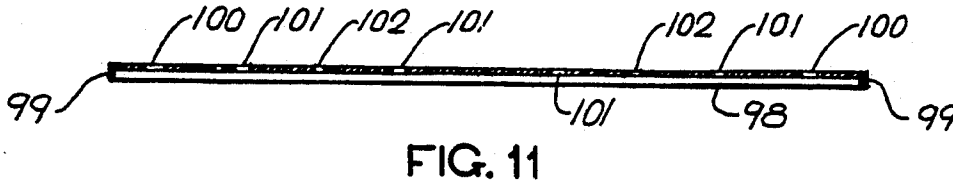
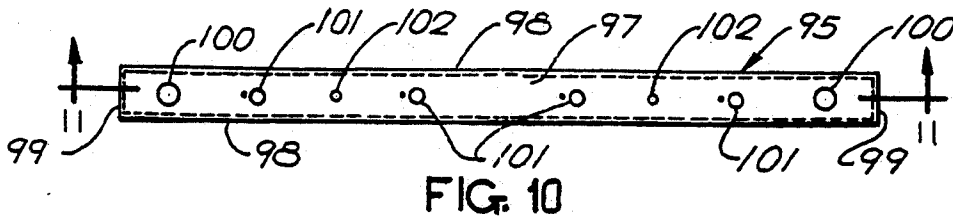


FIG. 7



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