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[54] **OPTICAL FISHING LINE METER**

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[*] Notice: The portion of the term of this patent subsequent to Feb. 15, 2011 has been disclaimed.

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[51] **Int. Cl.**^{5} **G01B 11/02**

[52] **U.S. Cl.** **33/707**; 33/763; 250/231.16; 242/223; 43/25; 43/4

[58] **Field of Search** .... 33/706, 707, 732, 733, 33/747, 762, 763, 734; 242/223, 323; 250/231.16, 237 G; 43/4, 25

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[57] **ABSTRACT**

A fishing line meter optically measures the length of the fishing line. Dye marks are formed on the fishing line at predetermined increments. As the line is cast out or reeled in, the dye marks are detected by the optical sensor. The optical sensor is operatively connected to a circuit which maintains a count indicative of the length of the fishing line. The count is displayed on a LED display.

10 Claims, 4 Drawing Sheets