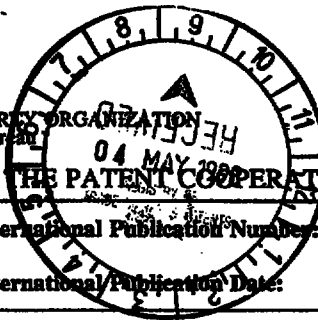


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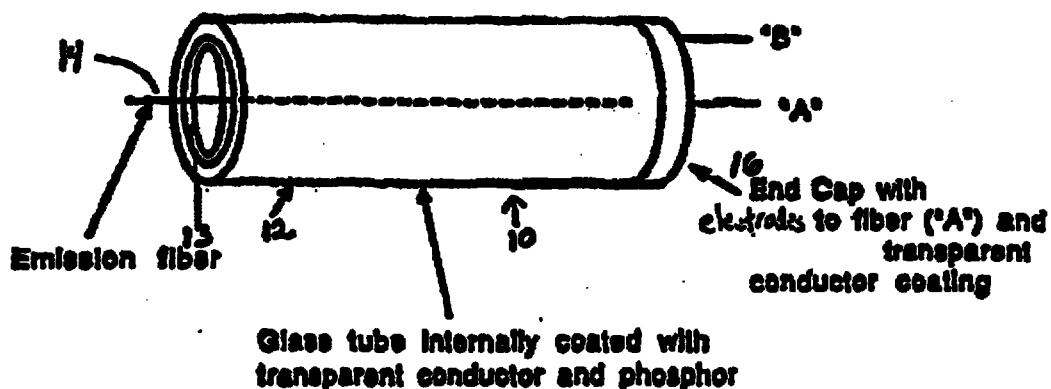
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(54) Title: **FLUORESCENT LAMP****Sectional View of Elongated Tube FFEL Device**

(57) Abstract

A lighting apparatus including a fibrous cold cathode field emitter wherein fibers of said cold cathode have a diameter of less than about 100 microns, an anode for attraction of electrons emitted by the fibrous cold cathode field emitter, a phosphor-capable upon contact with emitted electrons from the cold cathode field emitter of generating a persistent light, and an evacuated enclosure of less than about 10^{-5} Torr containing within the enclosure the cold cathode field emitter, the anode and the phosphor is provided.