

AN IMPROVED EMERGENCY LIGHTING UNIT WITH SMART CONTROLLER**ABSTRACT OF THE DISCLOSURE**

An improved emergency lighting unit with smart controller is disclosed. The lighting unit comprises (a) face plate having a word sign or pictogram; (b) photo luminescence (PL) plate, (c) a light distribution medium, mounted adjacently to the photoluminescence plate; (d) a light source to light up the light distribution medium to energize the PL plate to provide self illumination; and (d) a light reflector mounted closely to the light distribution medium to reflect light to the PL plate, whereby the combination is lighted when there is a power failure to the light source.

(FIG. 1)