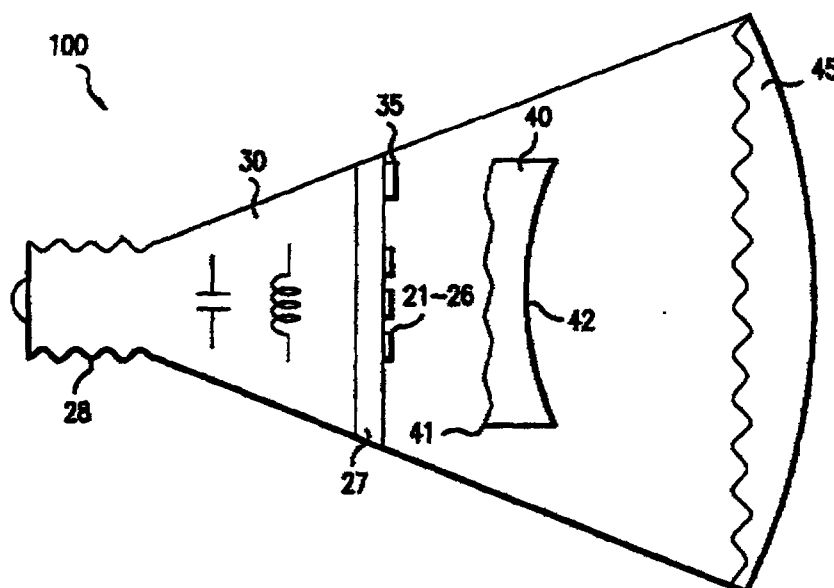


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(54) Title: VERTICAL CAVITY SURFACE EMITTING LASER ARRAYS FOR ILLUMINATION**(57) Abstract**

Arrays of vertical cavity surface emitting lasers ("VCSEL"s) (21-26) used for illumination in both infrared and visible light wavelengths are described. By using several different arrays (21-26), each array (21-26) generating light of a different wavelength, a replacement for conventional lighting sources can be obtained. The present invention offers lower power consumption and longer operating lifetime than known lighting technologies.