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ABSTRACT**AN ELECTRON EMITTER AND A DISPLAY APPARATUS UTILIZING THE
SAME**

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A field effect electron emitting apparatus using nano-wire electron emitters is disclosed where each nano-wire electron emitter may be grown in a pore of an insulating layer and/or may have at least a portion exposed from the pore. A method of manufacturing a field effect electron emitting apparatus is also disclosed. The field effect
10 electron emitting apparatus may be used in a display.

Figure 1