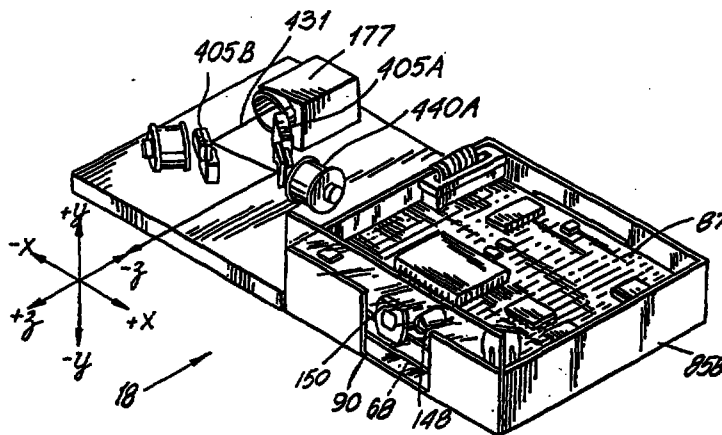


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(54) Title: BAR CODE SYMBOL READING SYSTEM



(57) Abstract

A bar code symbol reading system is disclosed comprising a hand-supportable bar code symbol reading device (9) which embodies an electronically-controlled bar code symbol reading engine (18) for producing a raster-type laser scanning pattern in either a hands-free and hands-on mode of operation for scanning 1D and 2D bar code symbols. The electronically-controlled bar code symbol reading engine (18) has a high-speed/high-resolution raster scanning mode of operation, during which a high-speed, high-resolution raster-type scanning pattern is precisely generated under electronic control, and a high-speed/low-resolution raster scanning mode of operation during which a high-speed, low-resolution raster-type scanning pattern is precisely generated under electronic control.