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(54) Title: RETAINER ASSEMBLY HAVING POSITIONING FEATURES FOR PROCESSING CIRCUITRY USED WITH AN IMAGE FORMING DEVICE SUPPLY ITEM

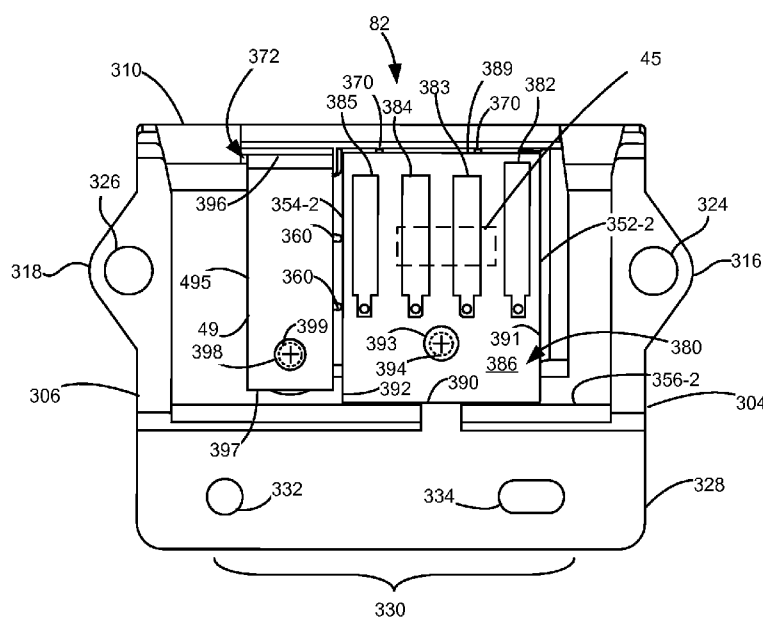


Figure 8

(57) Abstract: A retainer mountable on an exterior surface of an insertable supply item of an image forming device for holding a circuit board having processing circuitry with a plurality of contacts. A reference datum point in the retainer aligns the circuit board with the retainer while a pair of alignment devices align the retainer with respect to the supply item. The supply item is inserted into a frame with the image forming device have an electrical connector having a plurality of connecting pins. When the retainer and circuit board are mounted on the supply item and the supply item is inserted into the frame of the image forming device, the retainer aligns the plurality of connecting pins of the connector with corresponding ones of the plurality of contacts of the circuit board for electrical interconnection therebetween.



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