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(54) **Ink divider and associated application program**

(57) Methods for communicating between an application and an ink divider object (which stores ink strokes to be divided into groups) may include: (a) issuing a divide request to the ink divider object, optionally by the application; (b) in response to the divide request, calling a divide method, which groups the stored ink strokes into one or more groupings of strokes having a first predetermined granularity (e.g., words, lines, paragraphs, sentences, drawings, etc.); and (c) making information regarding the one or more groupings of strokes available to the application. This "information" made available to

the application may include, for example, the actual groupings of the strokes, the number of stroke groupings having the first predetermined granularity, machine generated text corresponding to the stroke groupings, or the like. The results of the divide method may be stored in an ink division result object. In some examples, the ink division result object may include the originally divided strokes and allow retrieval of groupings of strokes of various different granularities. This invention also relates to systems for performing the above methods and various data structures used in performing these methods.

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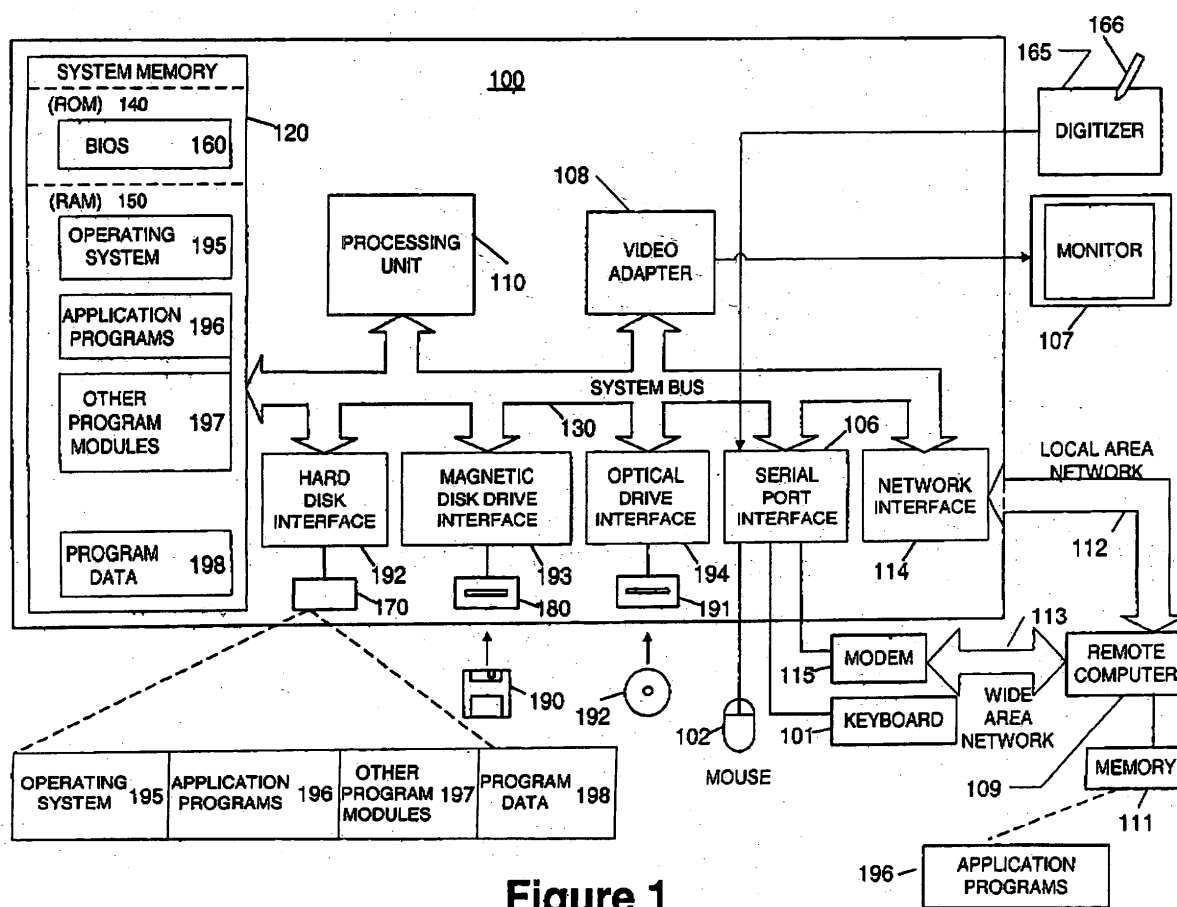


Figure 1