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Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

[Continued on next page]

(54) Title: DOCUMENT VERIFICATION USING DYNAMIC DOCUMENT IDENTIFICATION FRAMEWORK

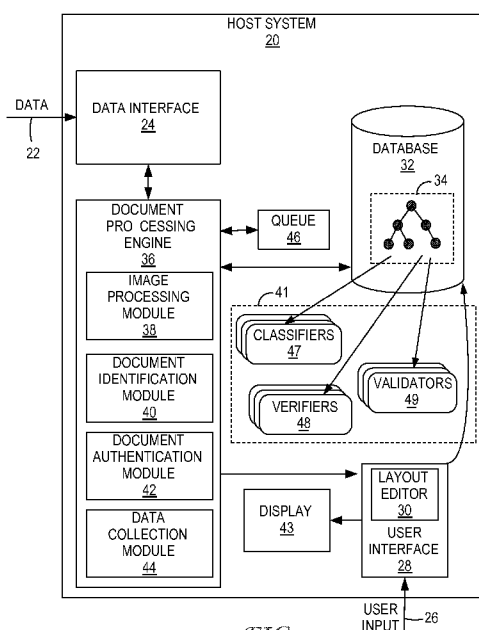


FIG. 2

(57) Abstract: Techniques are described for identifying and validating security documents according to a dynamic document identification framework. For example, a security document authentication device includes an image capture interface that receives the captured images of a document and a memory that stores a plurality of document type objects within a data structure according to the dynamic document identification framework. The security document authentication device also includes a document processing engine that traverses the data structure by selectively invoking one or more of the plurality of processes to identify the captured images as one of the plurality of document type objects. Contrary to conventional identification techniques, this identification method performed by traversing the data structure stored according to the dynamic document identification framework may provide more accurate identification result in a more efficient manner, as only applicable processes may be applied to identify the captured images. Upon identifying the document type, a set of one or more validators are applied to further confirm its authenticity.

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