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(54) **APPARATUS, SYSTEM, AND METHOD FOR AUTOMATICALLY GENERATING A REUSABLE SOFTWARE COMPONENT FOR INTERFACING WITH A WEB SERVICE**

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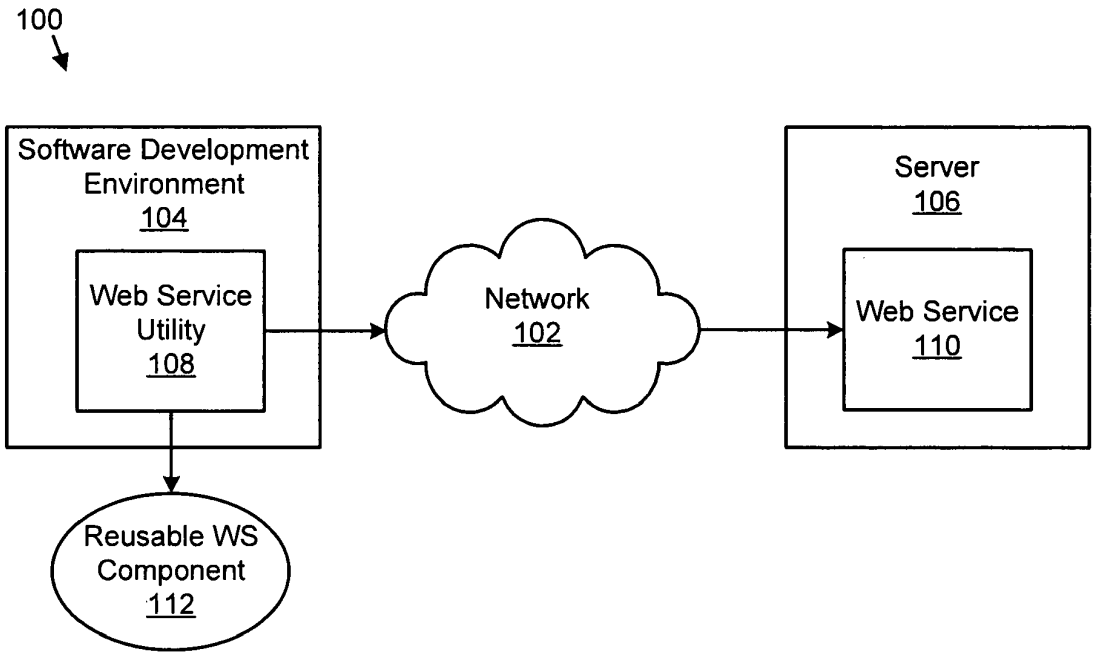
(57) **ABSTRACT**

An apparatus, system, and method are disclosed for automatically generating a reusable software component for interfacing with a web service. The apparatus for automatically generating a reusable software component for interfacing with a web service is provided with a logic unit containing a plurality of module configured to functionally execute the steps of receiving a web service identifier, establishing communication with a web service, determining one or more functions provided by the web service, and automatically generating a reusable web service component configured to receive an application request and return a web service result. These modules in the described embodiments include a receiving module, a determination module, a communication module, and a generation module. Beneficially, such an apparatus, system, and method would facilitate creation, test, and integration of web service components in application code without requiring a substantial time and resource investment.



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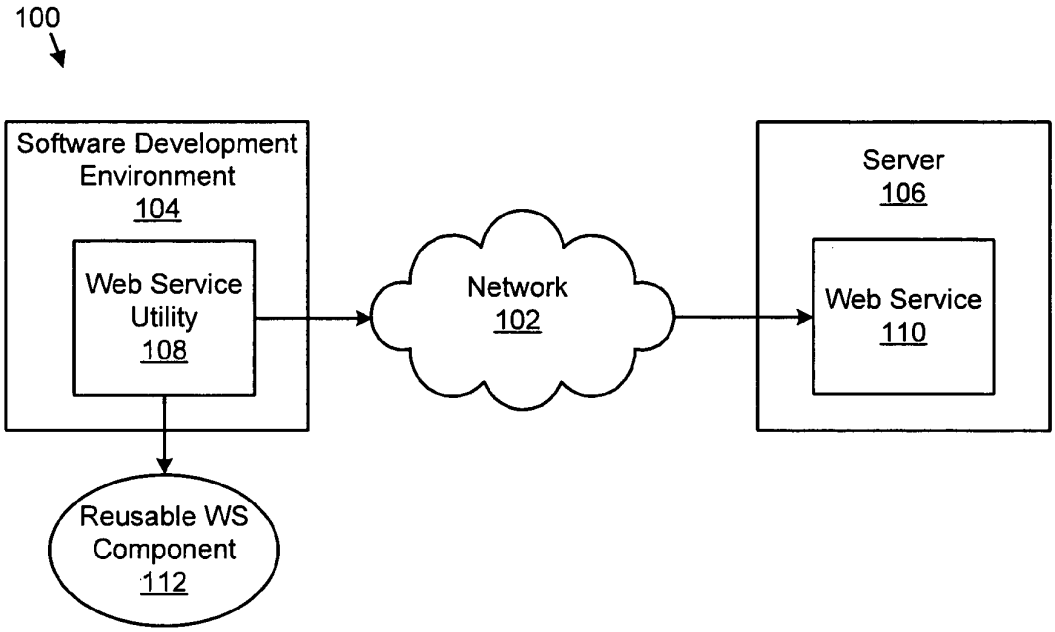

FIG. 1

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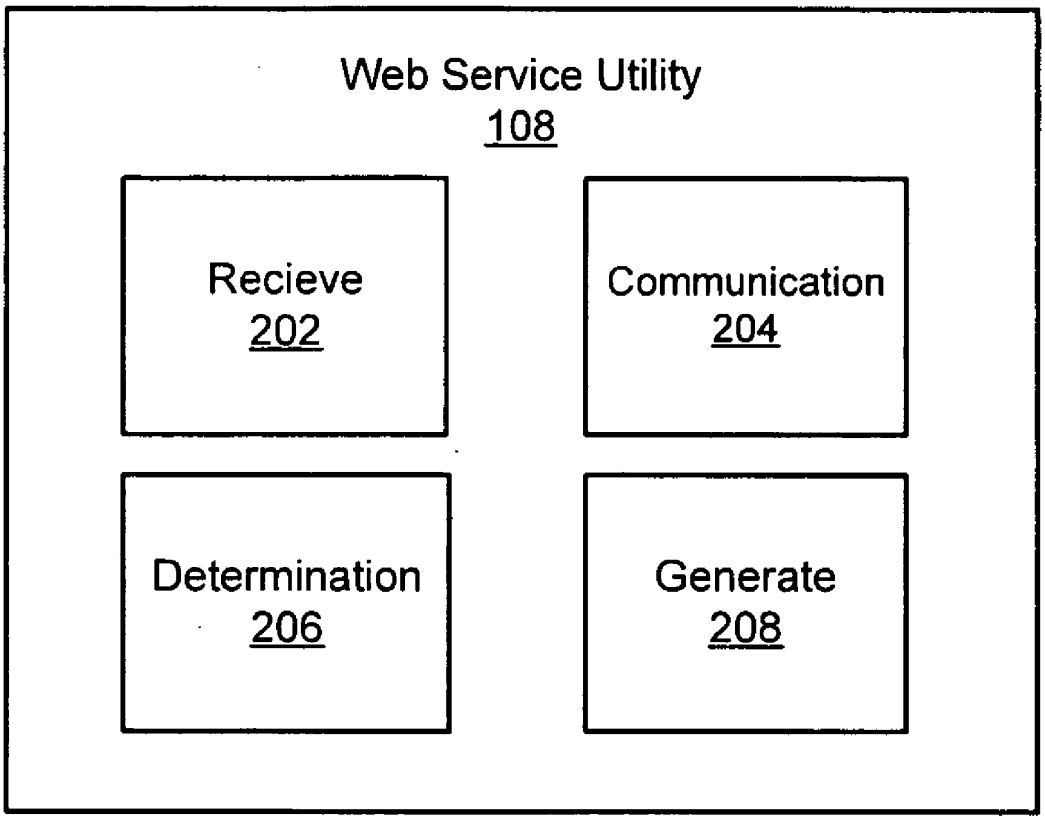

FIG. 2

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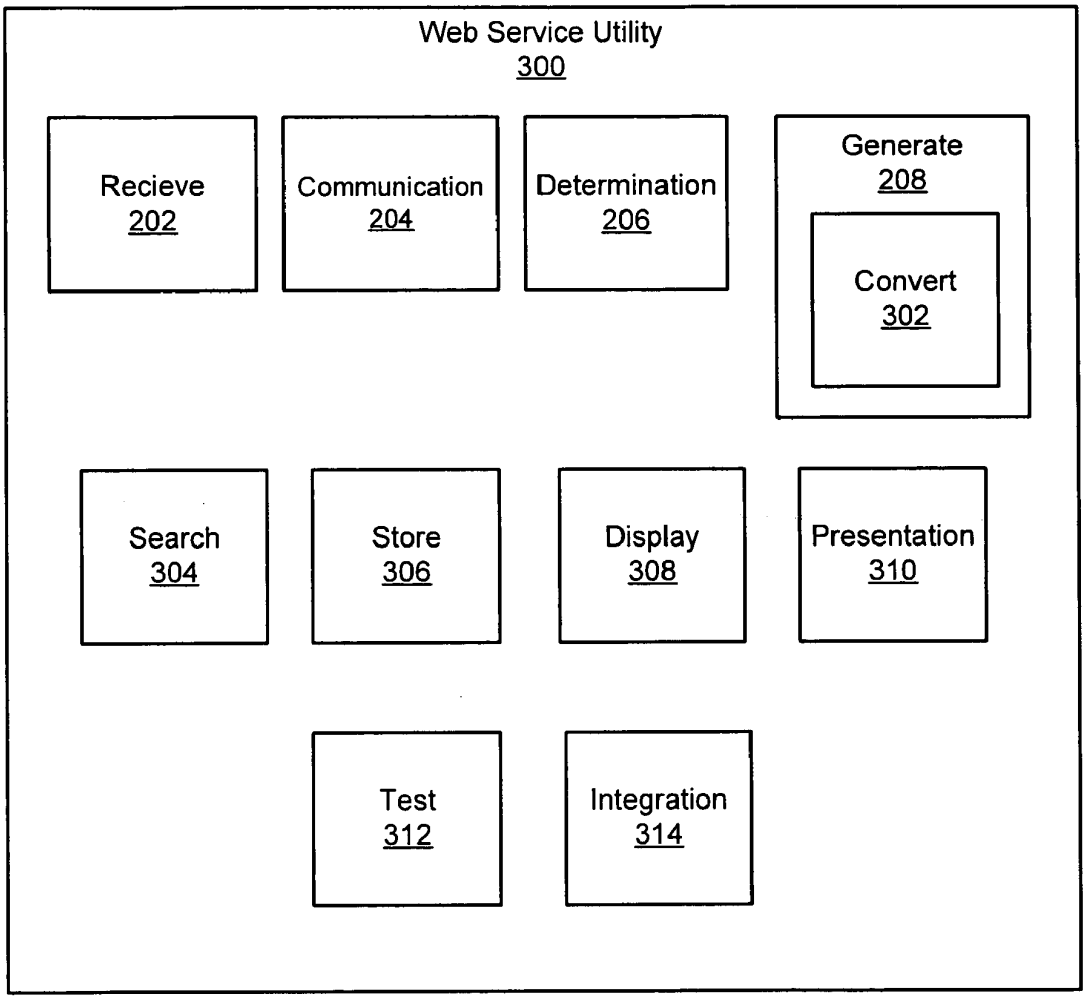

FIG. 3

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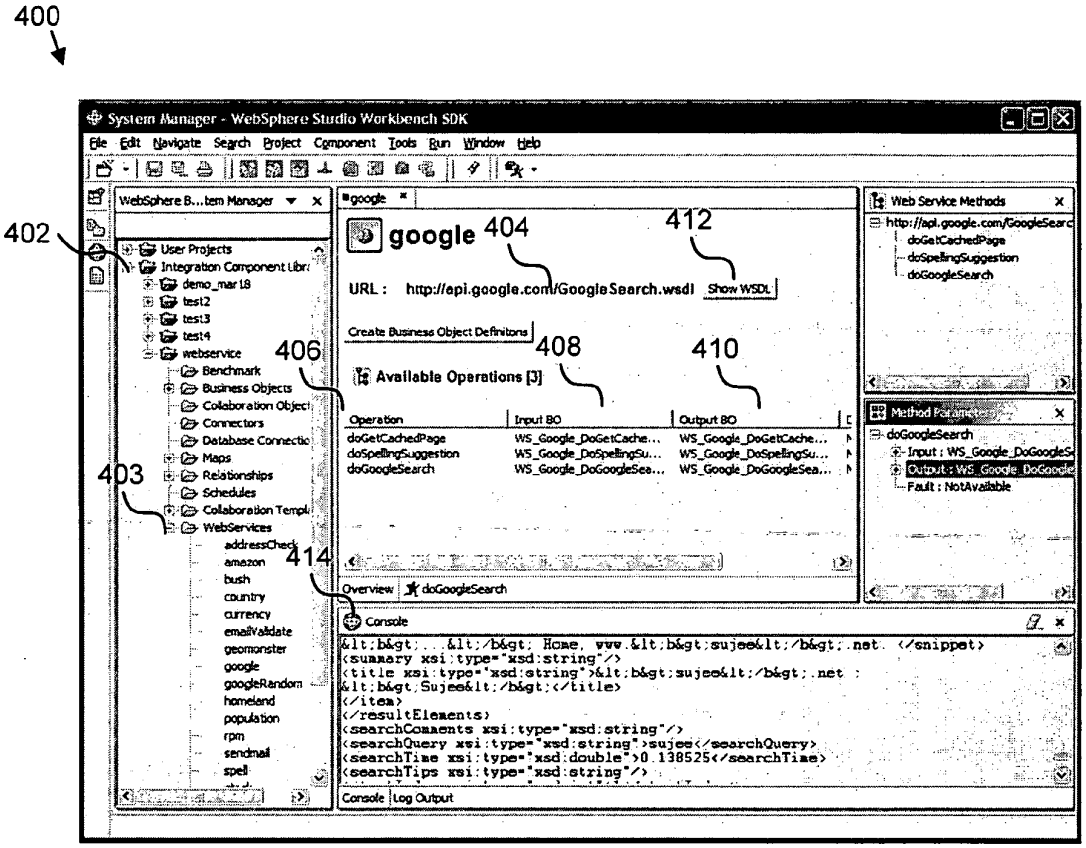

FIG. 4A

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