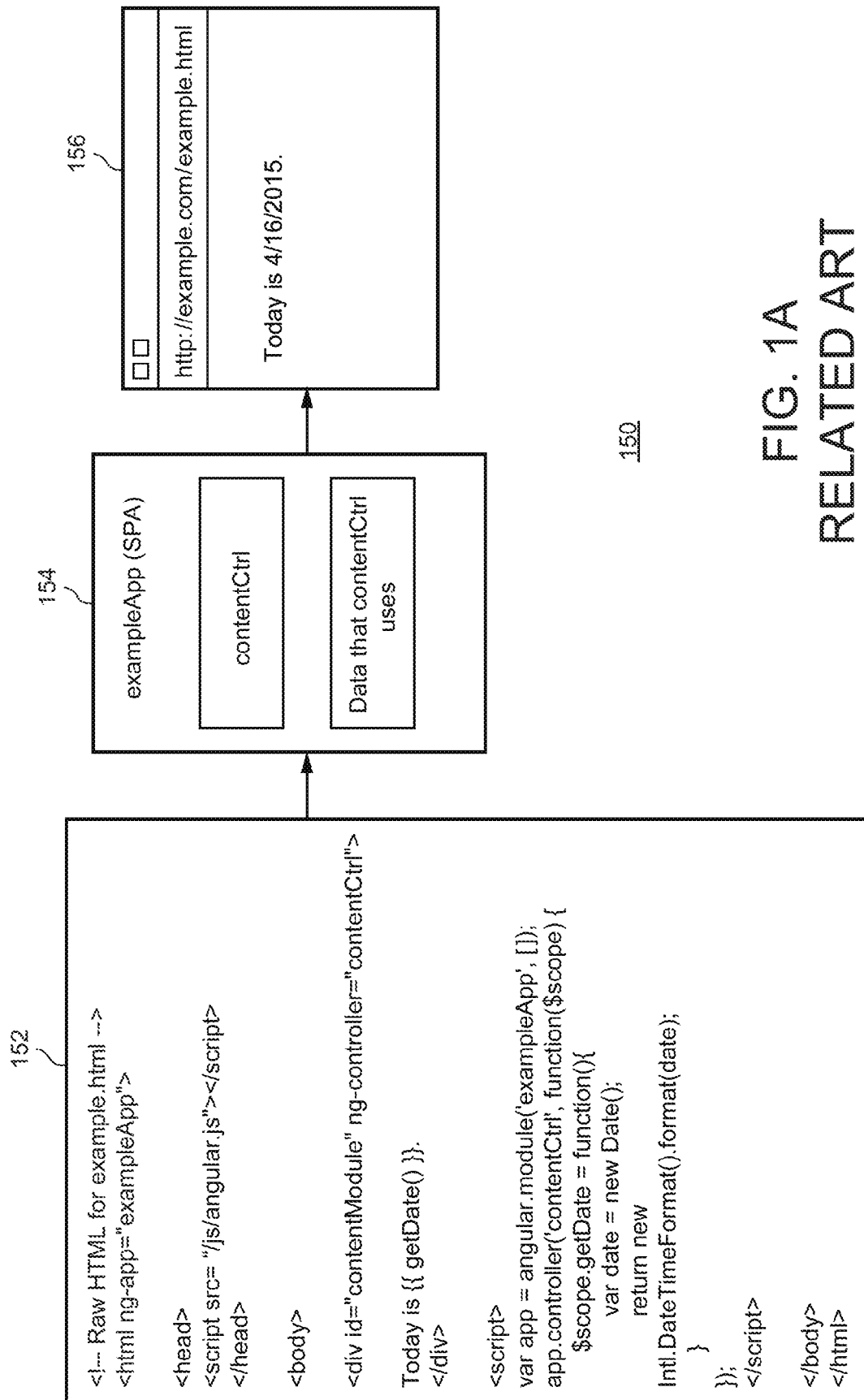


1/10

FIG. 1A
RELATED ART

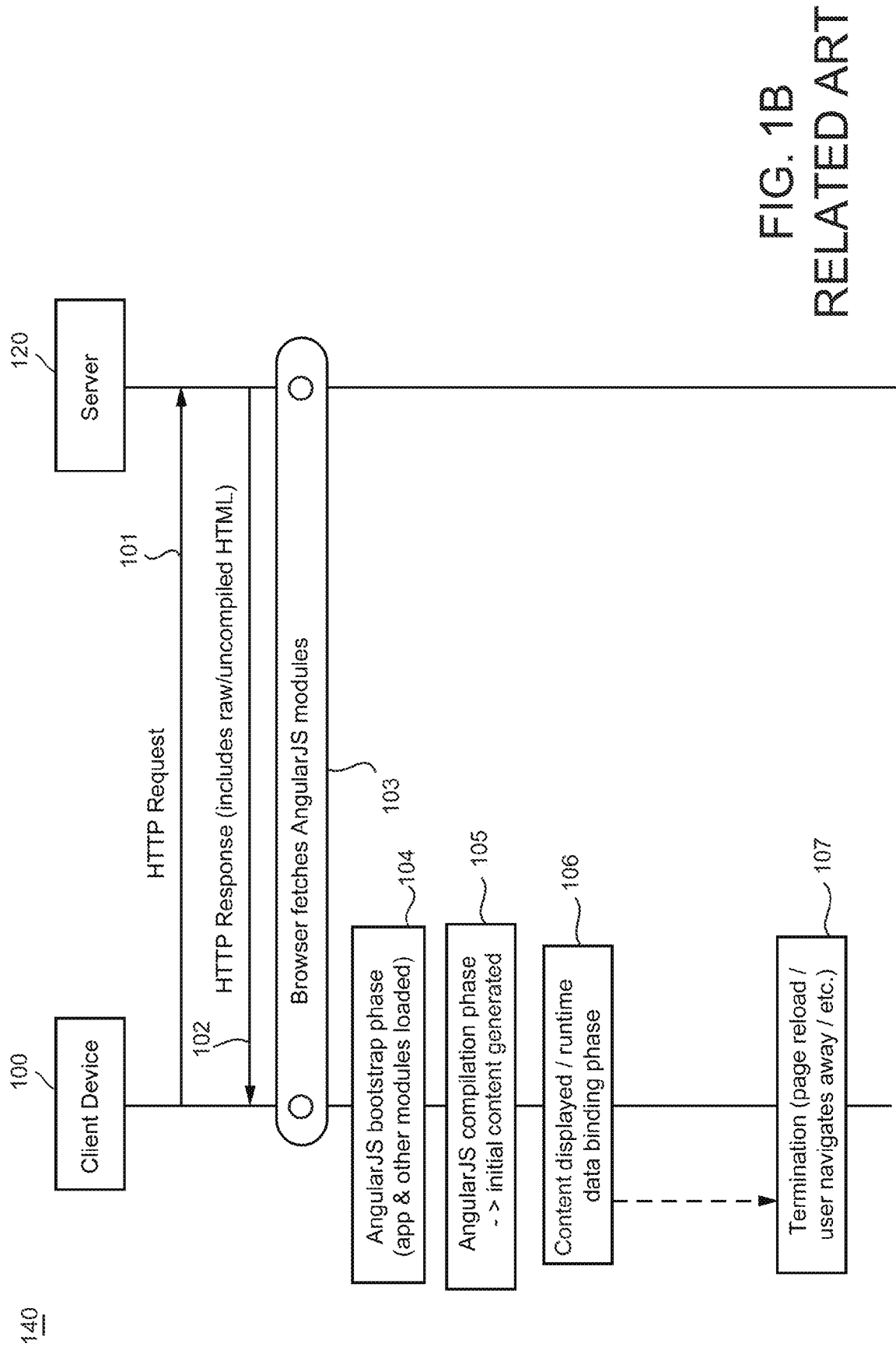


FIG. 1B
RELATED ART

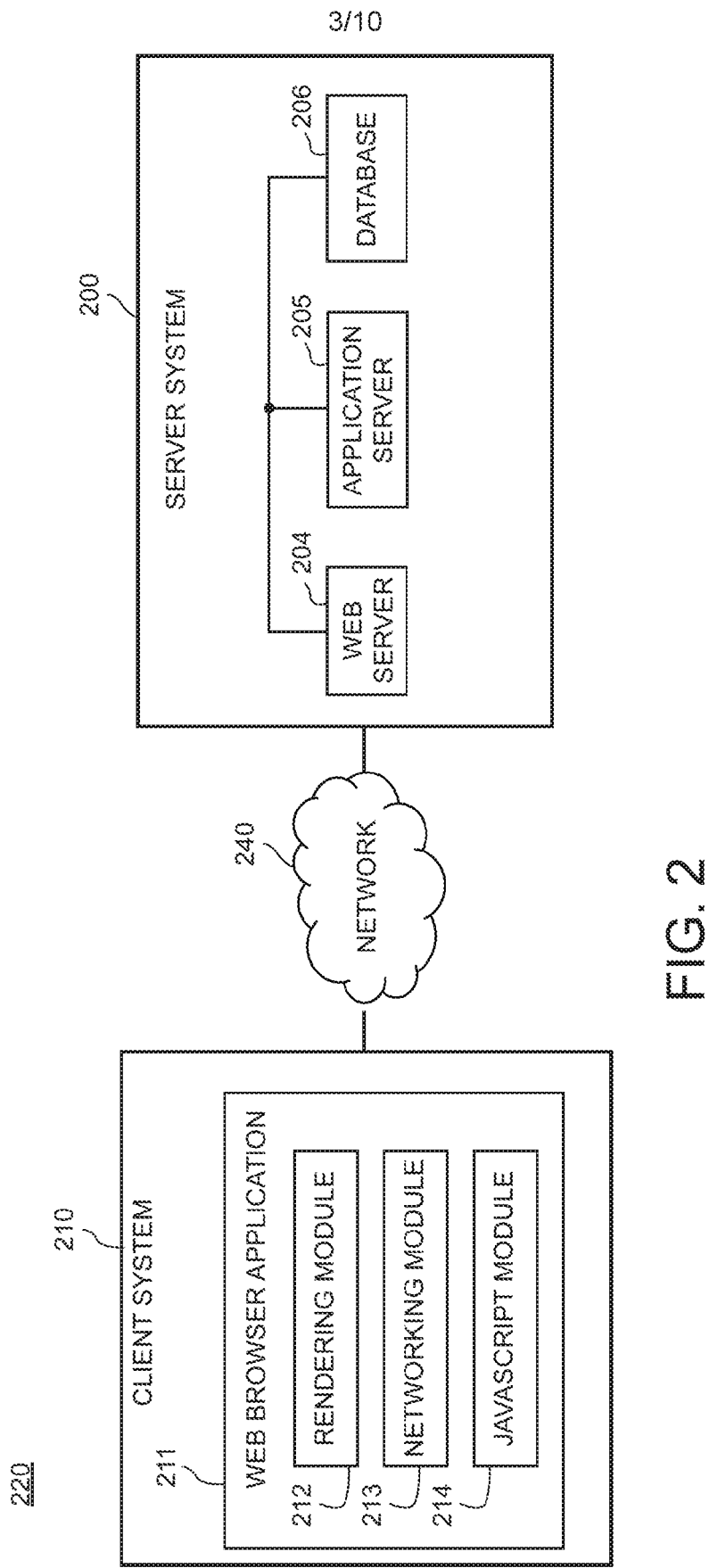


FIG. 2

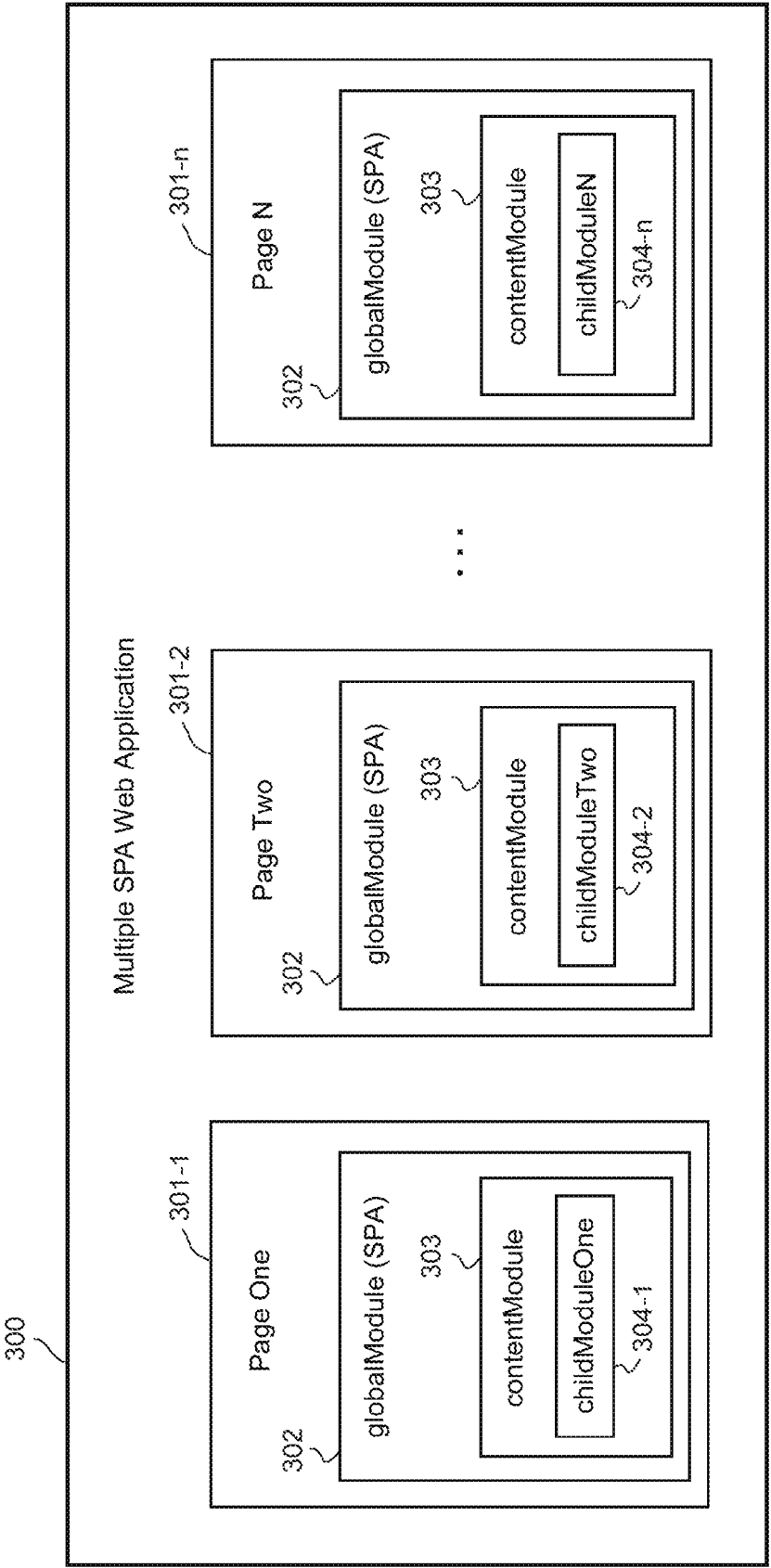


FIG. 3

5/10

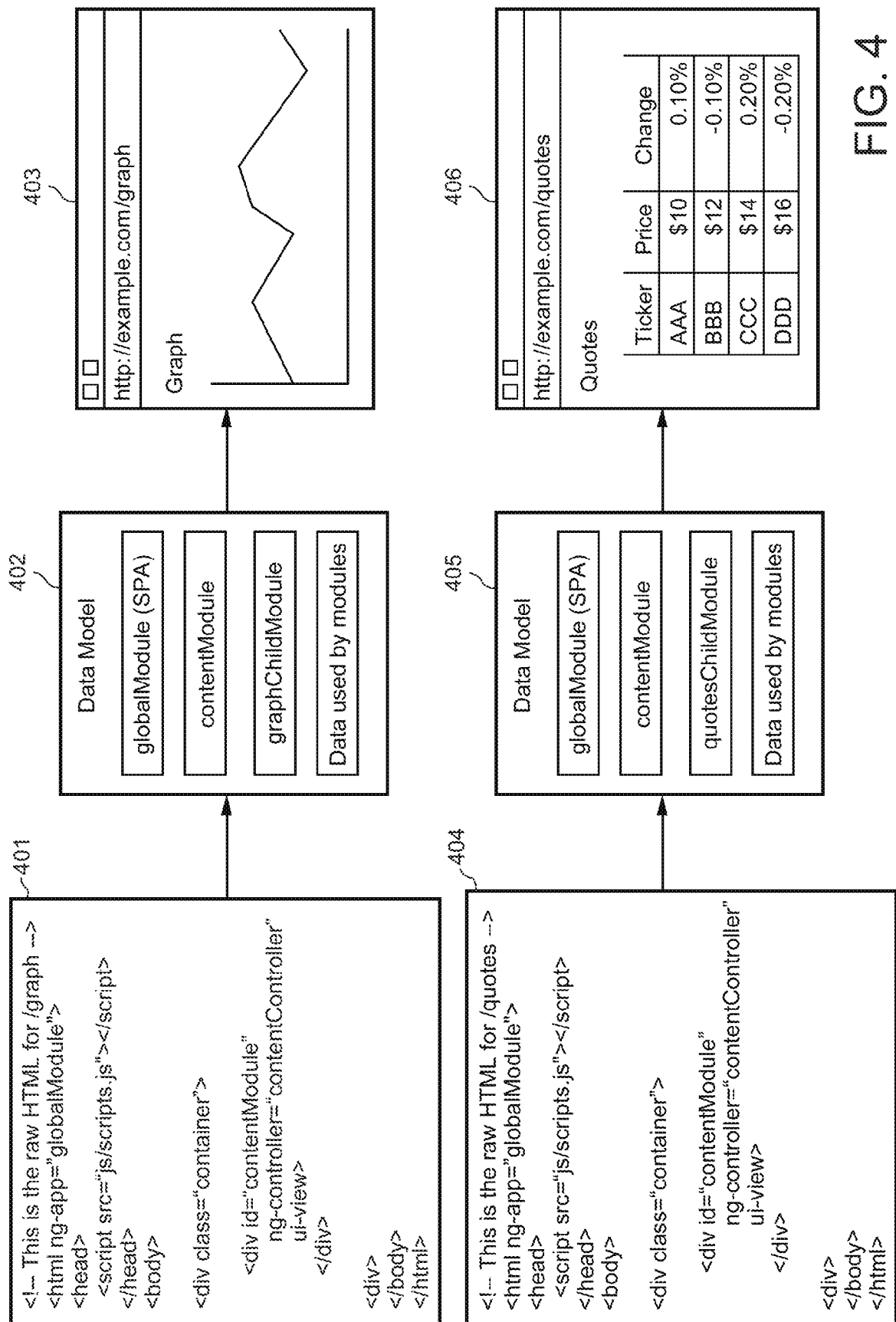


FIG. 4

6/10

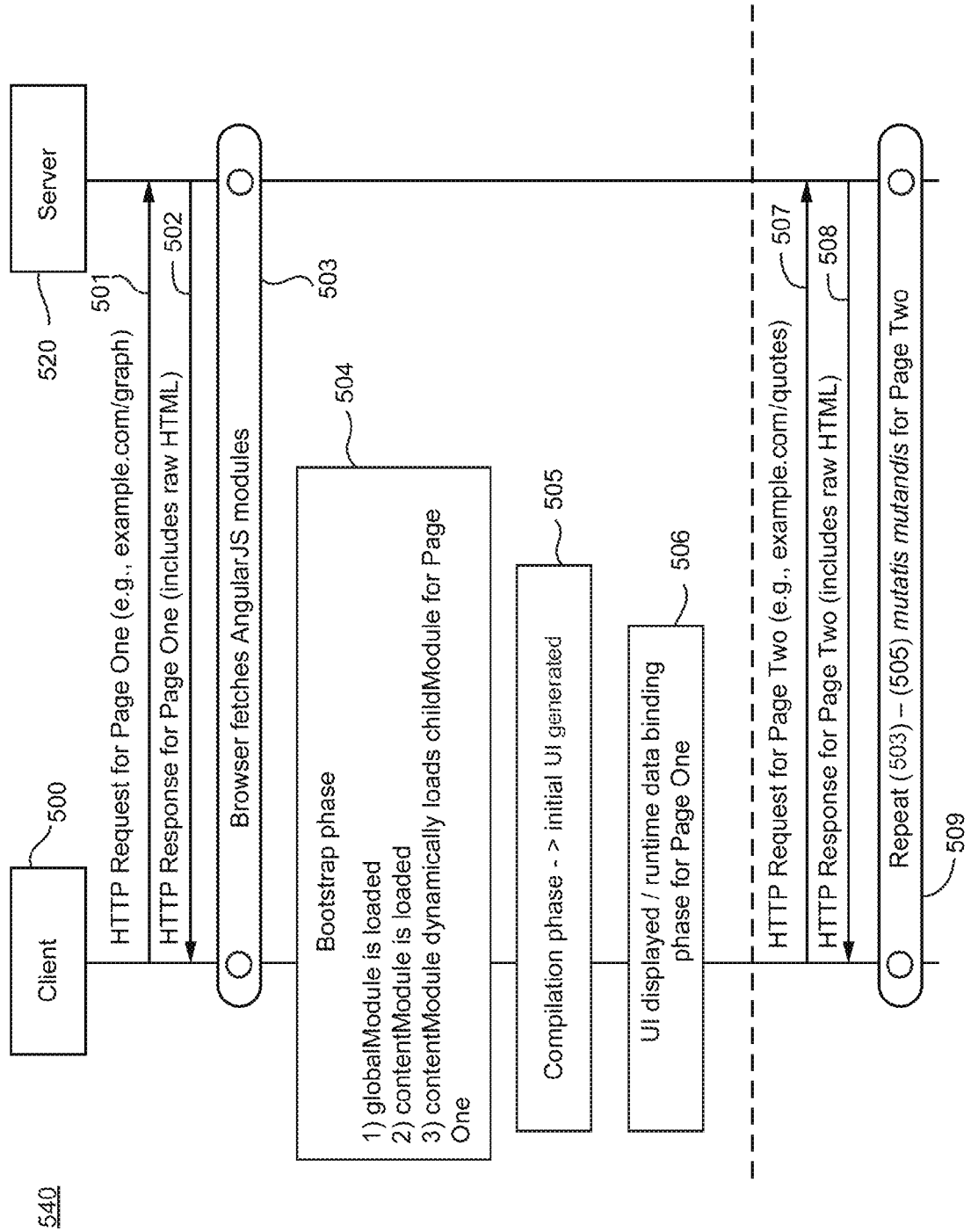


FIG. 5

7/10

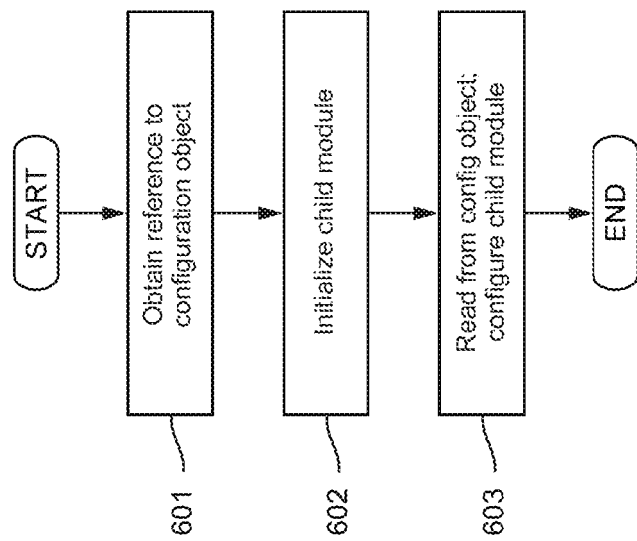


FIG. 6

8/10

FIG. 7A

```

<?xml version="1.0" encoding="utf-8" ?>
<Page Id="100000" Name="firm" SubAppId="10000000" SubAppName="IR">
<Dependencies>
  <Dependency SubApp="Financial">ui.treeview</Dependency>
</Dependencies>
<ExternalScripts>
  <SubAppScripts SubApp="Financial">
    <Scripts>
      <Script>research/research.js</Script>
      <Script>research/researchSharedService.js</Script>
      ...
      <Script>research/filters/exactMatchFilter.js</Script>
    </Scripts>
  </SubAppScripts>
  <SubAppScripts SubApp="IR">
    <Scripts>
      ...
      <Script>shared/directives/sharedDirectives.js</Script>
      <Script>events/controllers/detailsController.js</Script>
      ...
    </Scripts>
  </SubAppScripts>
</ExternalScripts>
<Directives>
  ...
</Directives>
<Filters>
  ...
</Filters>
<States>
  <State Id="2" Name="firm" Url="/firm/id" TemplateUrl="/firmHome.html" Controller="firmController" Entitlements="Research">
    <ChildStates>
      <State Id="21" Name="overview" Url="/overview" TemplateUrl="/overview.html" Controller="firmInfoController" />
      <State Id="22" Name="firmcontacts" Url="/firmContacts" TemplateUrl="/firmContacts.html" Controller="firmContactController" />
    </ChildStates>
  </State>
</States>
<Sections>
  <Section Id="1" Name="Research" Entitlements="Research" />
  <Section Id="2" Name="Estimate" Entitlements="Estimates" />
</Sections>
</Page>

```

700

9/10

```

var firmConfig = {
  "subAppId": 100000000,
  "subAppName": "IR",
  "featureId": 100000,
  "featureName": "firm",
  "isComposite": false,
  "typeId": 0,
  "dependencies": [ "ui.treeview" ],
  "controllers": [ ... ],
  "services": [ ... ],
  "directives": [ ... ],
  "filters": [ ... ],
  "views": [
    {
      "id": 2,
      "name": "firm",
      "url": "/firm/id",
      "templateUrl": "Areas/IR/Apps/firm/templates/firmHome.html",
      "controller": "firmController",
      "childViews": [
        {
          "id": 21,
          "name": "overview",
          "url": "/overview",
          "templateUrl": "Areas/IR/Apps/firm/includes/overview.html",
          "controller": "firmInfoController"
        },
        {
          "id": 22,
          "name": "firmcontacts",
          "url": "/firmContacts",
          "templateUrl": "Areas/IR/Apps/firm/includes/firmContacts.html",
          "controller": "firmContactController"
        }
      ]
    }
  ],
  "scripts": [
    "Areas/Financial/Apps/research/research.js",
    "Areas/Financial/Apps/research/researchSharedService.js",
    "Areas/IR/Apps/shared/directives/sharedDirectives.js",
    "Areas/IR/Apps/events/controllers/detailsController.js",
    ...
  ],
  "sections": [
    { "id": 1, "name": "Research" },
    { "id": 2, "name": "Estimate" }
  ]
};

```

701

FIG. 7B

820

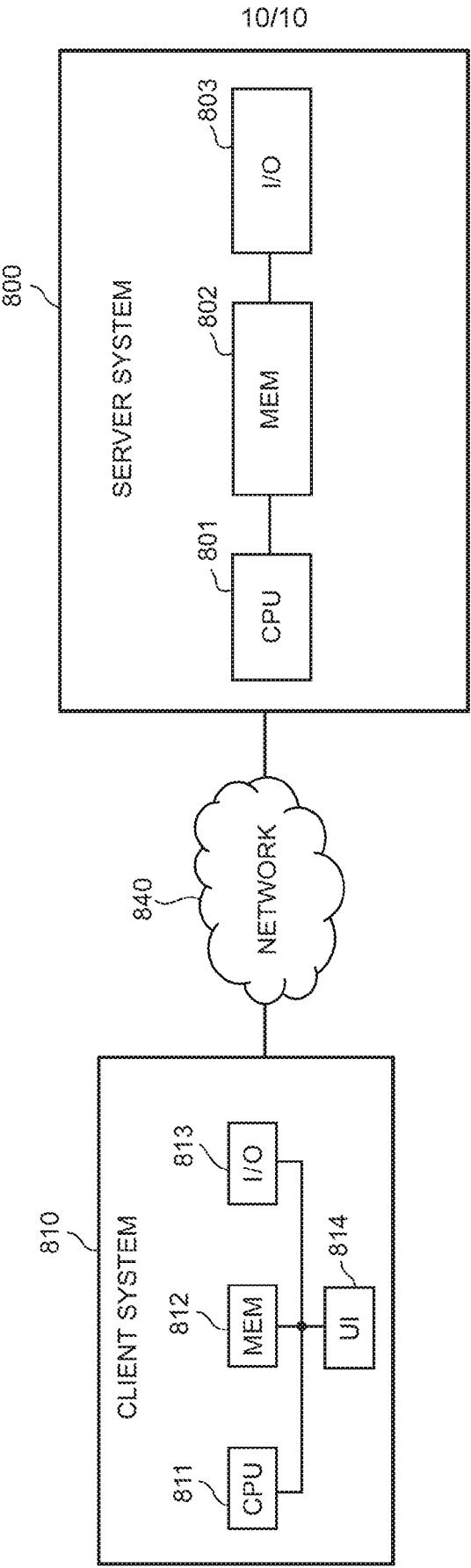


FIG. 8