



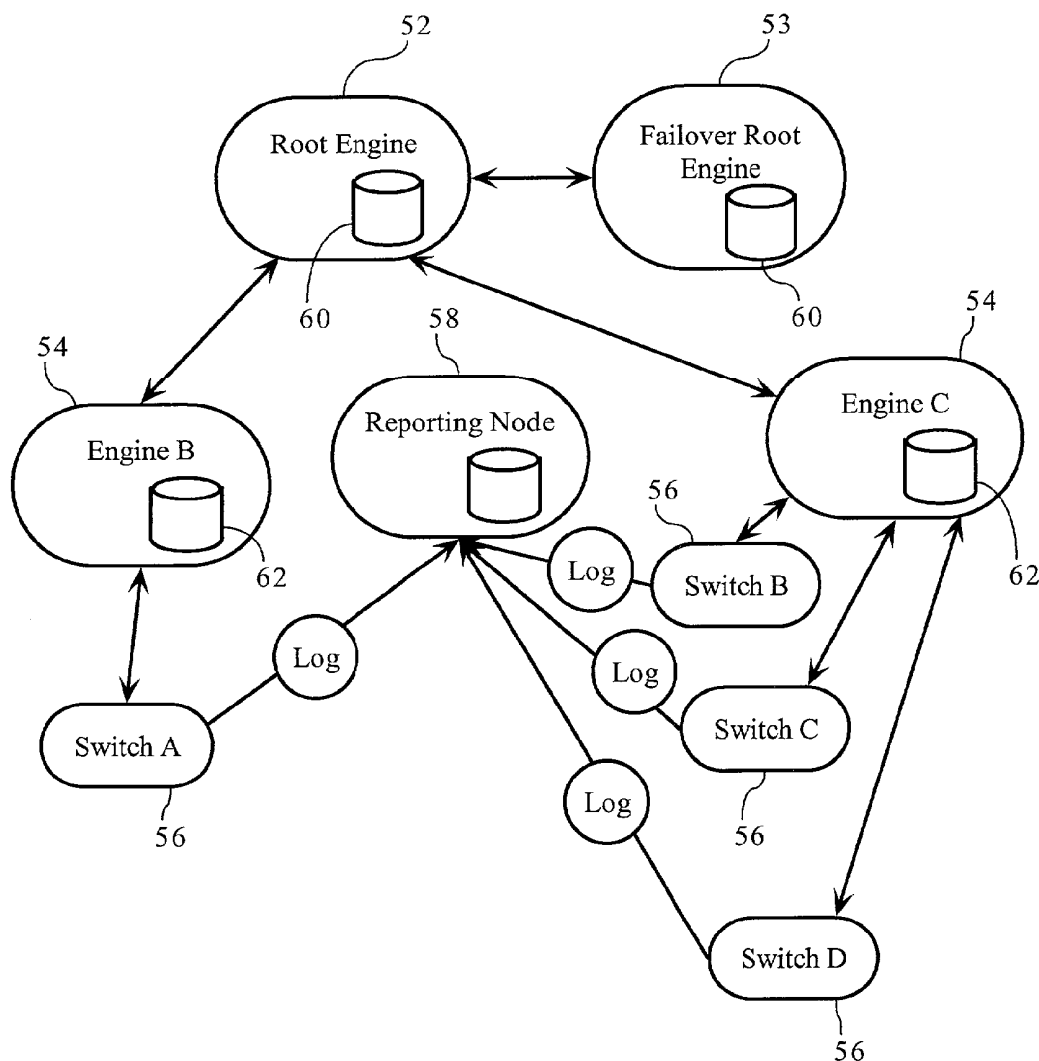
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(19) **United States**(12) **Patent Application Publication**  
**Martinez et al.**(10) **Pub. No.: US 2003/0097464 A1**(43) **Pub. Date: May 22, 2003**(54) **DISTRIBUTED WEB SERVICES NETWORK  
ARCHITECTURE****Publication Classification**(51) **Int. Cl.<sup>7</sup>** ..... **G06F 15/173; G06F 15/16**(52) **U.S. Cl.** ..... **709/238; 709/218**(76) Inventors: **Frank Martinez**, La Canada, CA (US);  
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**MARK J. SPOLYAR****38 FOUNTAIN ST.****SAN FRANCISCO, CA 94114 (US)**(21) Appl. No.: **09/990,722**(22) Filed: **Nov. 21, 2001**(57) **ABSTRACT**

Methods, apparatuses and systems facilitating deployment, configuration and maintenance of web services networks. The present invention features a distributed web services network architecture that, in one embodiment, leverages the functionality of existing network infrastructure to provide a low cost, efficient and reliable web services solution. The web services network architecture according to the present invention can be implemented across any suitable computer network, including an intranet or the Internet.



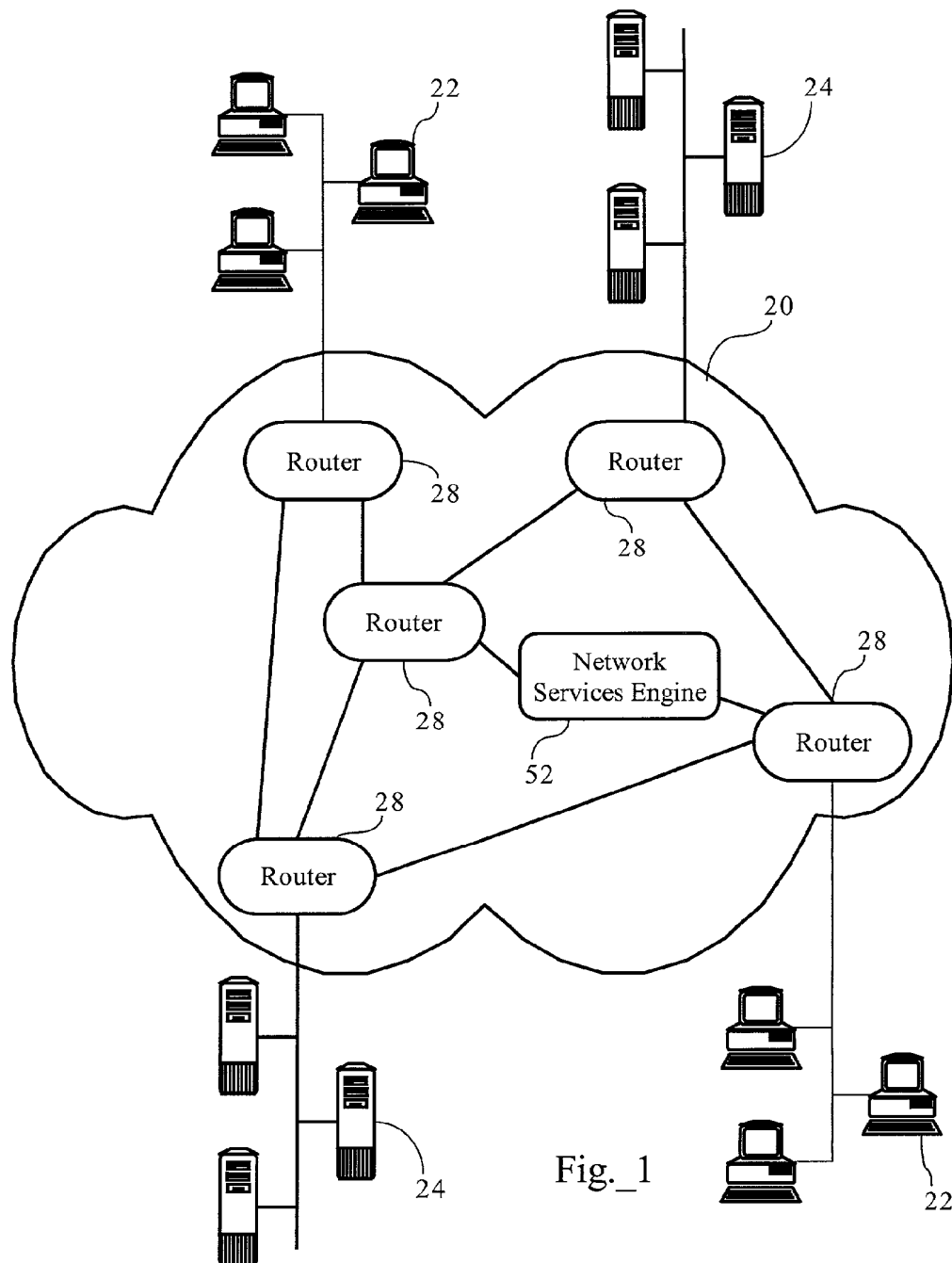


Fig.\_1

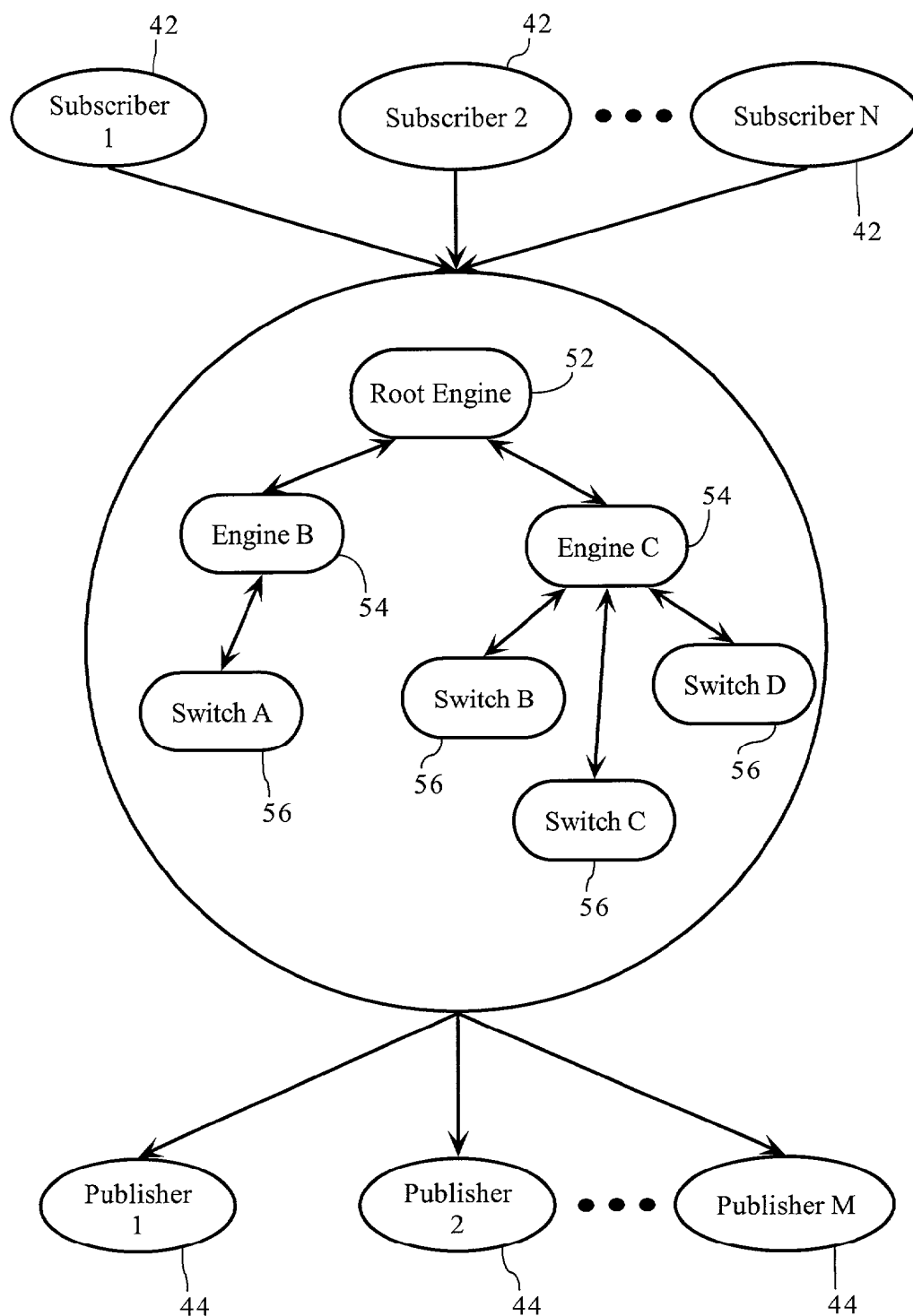
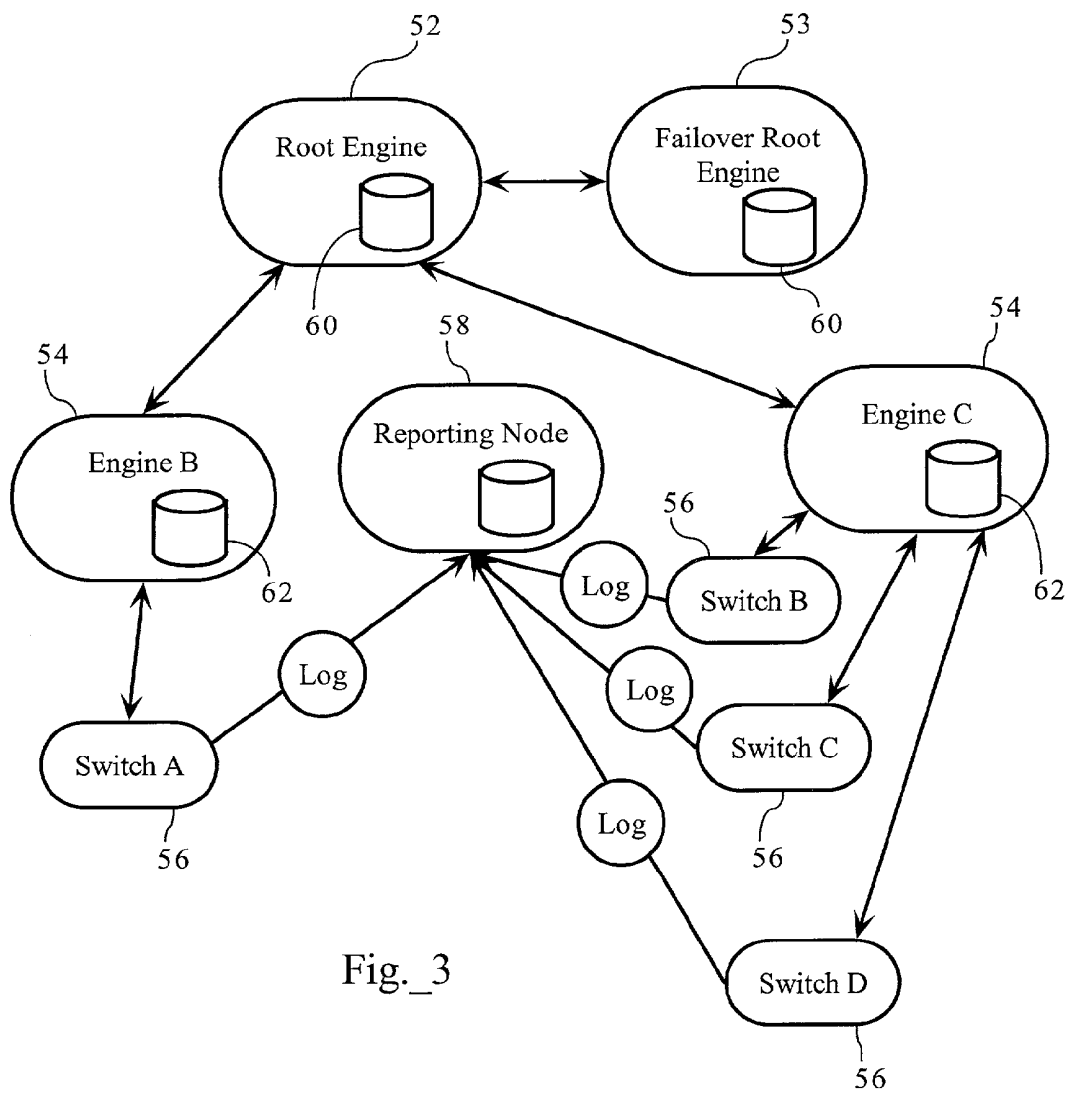


Fig. 2



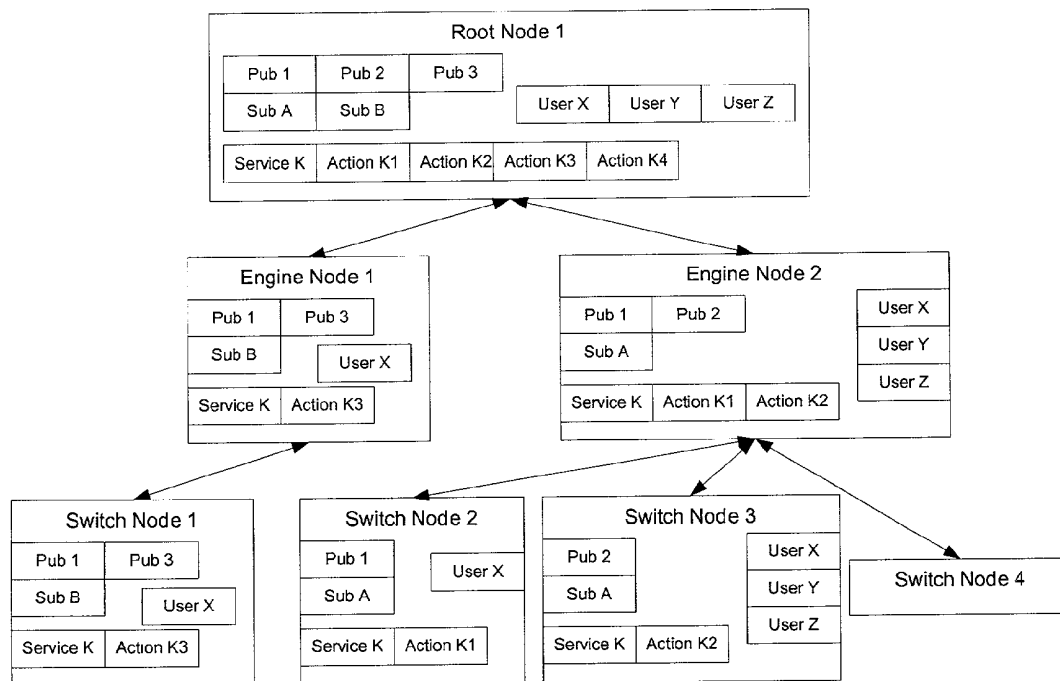


Fig.\_4

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