



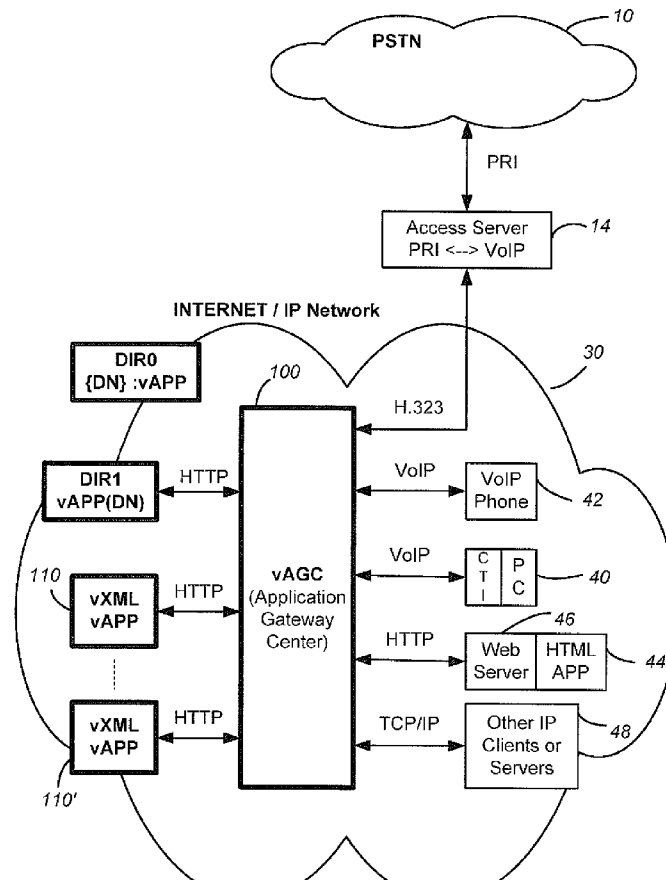
US 20090052437A1

(19) **United States**(12) **Patent Application Publication****Taylor et al.**(10) **Pub. No.: US 2009/0052437 A1**(43) **Pub. Date: Feb. 26, 2009**(54) **SYSTEM AND METHOD FOR DYNAMIC TELEPHONY RESOURCE ALLOCATION BETWEEN PREMISE AND HOSTED FACILITIES****Publication Classification**(51) **Int. Cl.**
H04L 12/66 (2006.01)(75) **Inventors:** **Jonathan Robert Taylor**, Orlando, FL (US); **Ryan Stephen Campbell**, Casselberry, FL (US); **Rj Auburn**, Orlando, FL (US); **Alexander S. Agranovsky**, Longwood, FL (US)(52) **U.S. Cl.** **370/352**(57) **ABSTRACT**

A population of networked Application Gateway Centers or voice centers provides telephony resources. The telephony application for a call number is typically created by a user in XML (Extended Markup Language) with predefined telephony XML tags and deployed on a website. A voice center provides facility for retrieving the associated XML application from its website and processing the call accordingly. The individual voice centers are either operated at a hosted facility or at a customer's premise. Provisioning Management Servers help to allocate telephony resources among the voice centers. This is accomplished by suitably updating a voice center directory. In this way, the original capacity at a premise, predetermined by the hardware installed, can be adjusted up or down. If the premise is under capacity, it can be supplemented by that from a hosted facility. If the premise has surplus capacity, it can be reallocated for use by others outside the premise.

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(60) Provisional application No. 60/957,151, filed on Aug. 21, 2007.



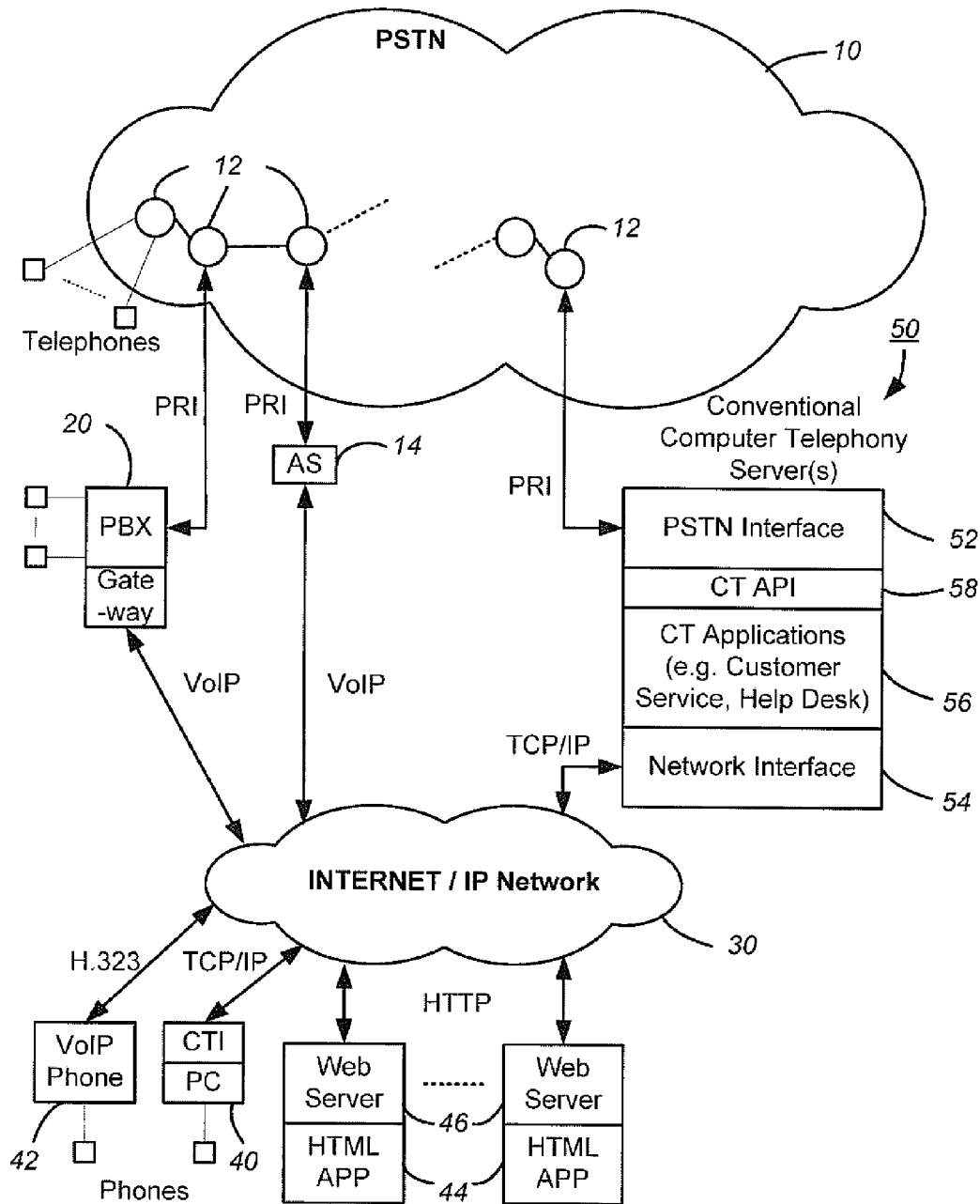


FIG. 1A (Prior Art)

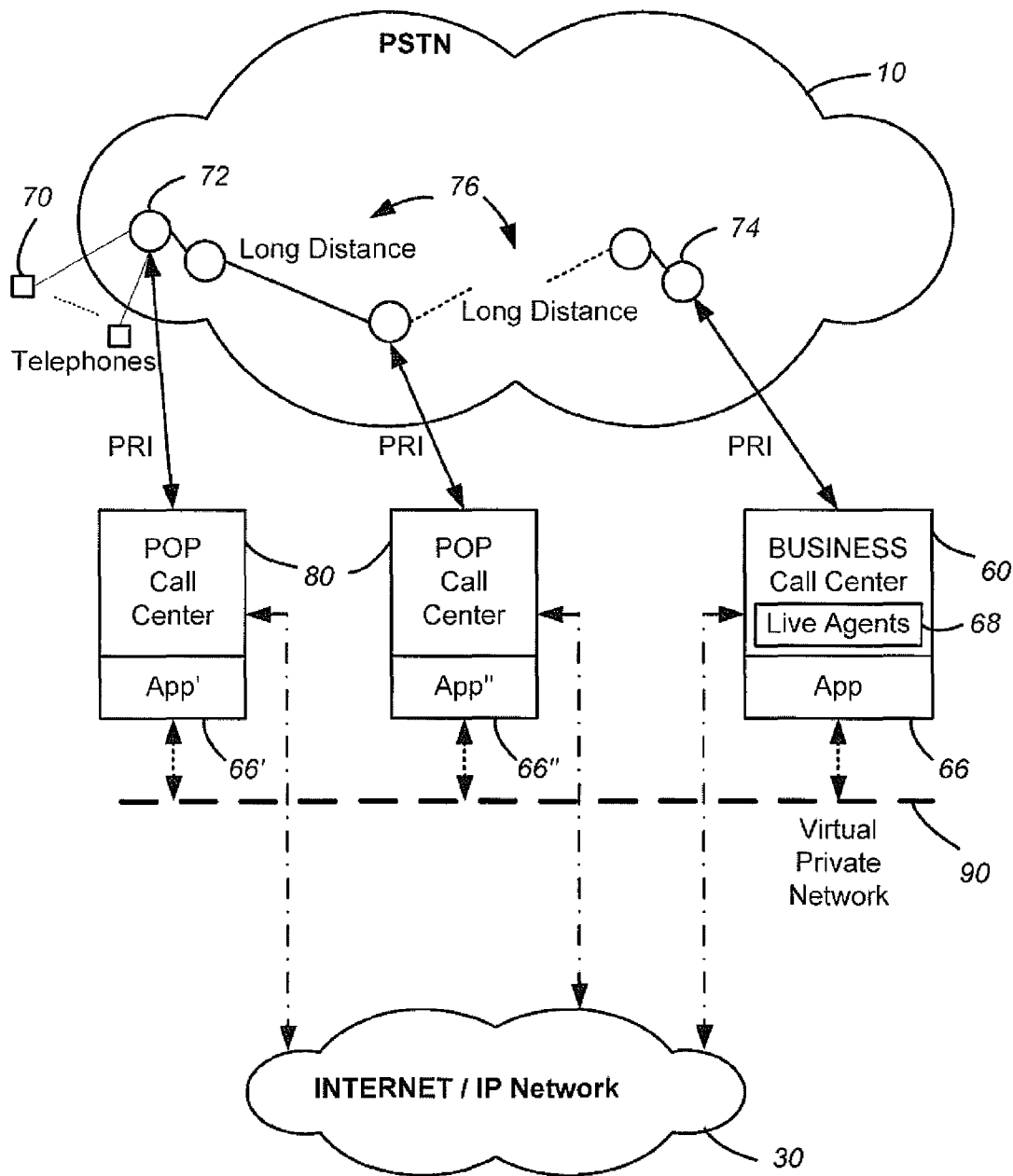


FIG. 1B (Prior Art)

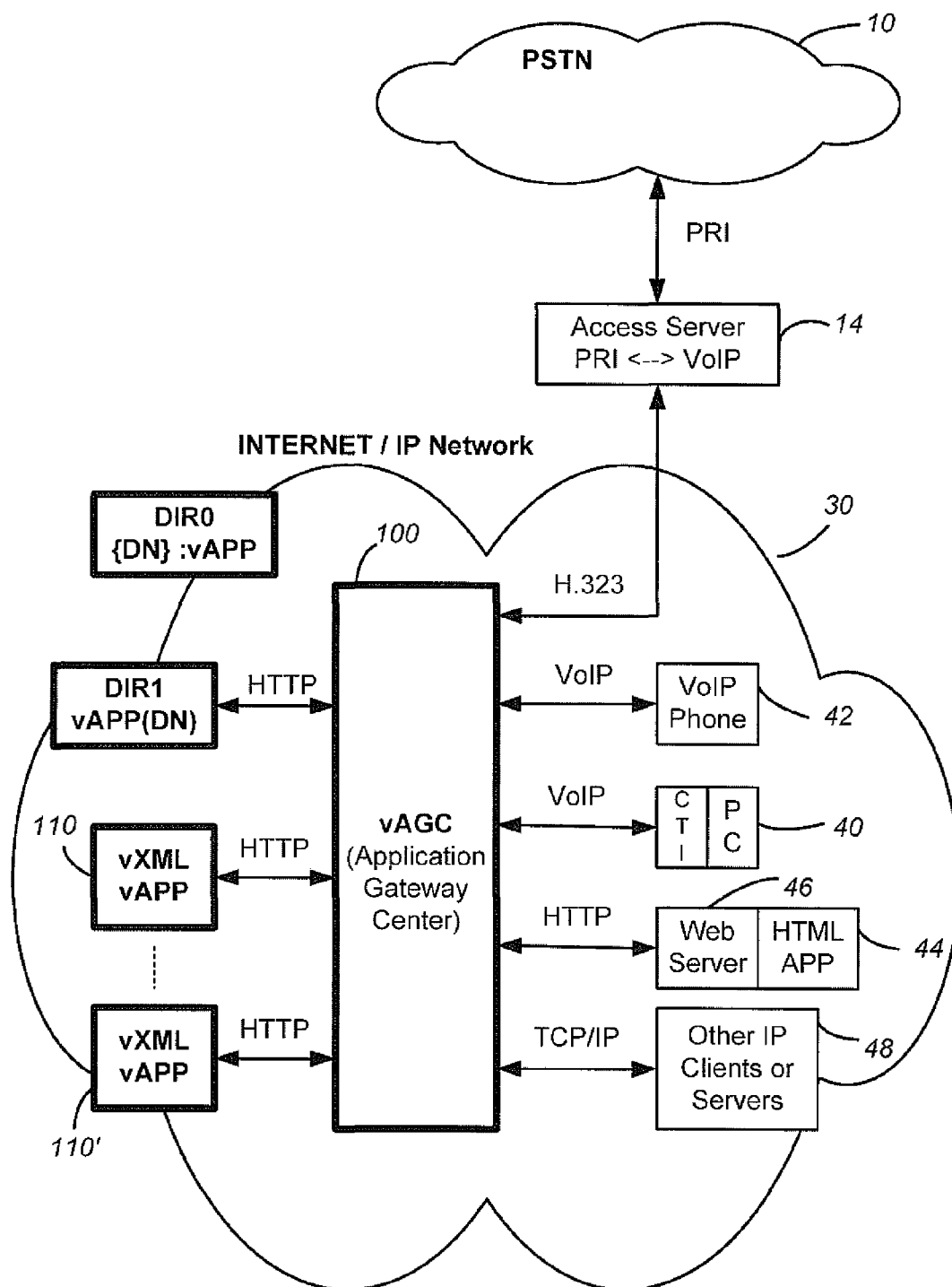
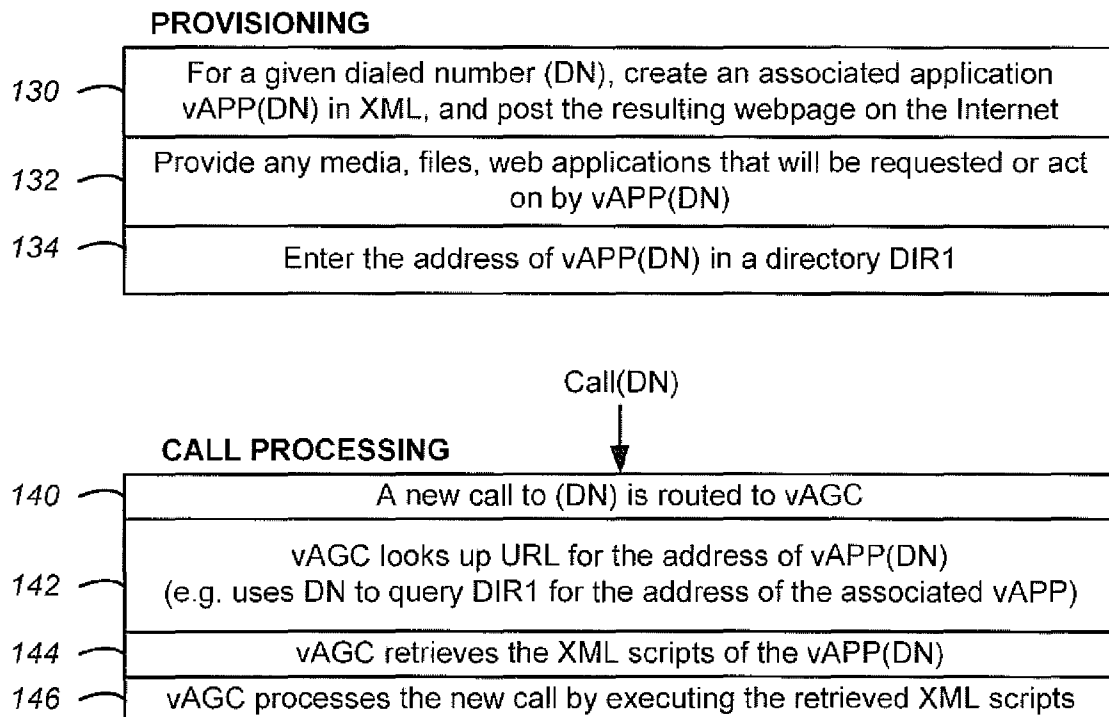


FIG. 2

**FIG. 3**

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