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(12) **United States Patent**
Meier et al.

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(54) **RESOURCE CONSERVATION FOR PACKET TELEVISION SERVICES**

(56) **References Cited**

(75) Inventors: **Rolf G. Meier**, Carp (CA); **Tim J. Rahrer**, Ottawa (CA)

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 2212 days.

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(21) Appl. No.: **11/280,615**

(22) Filed: **Nov. 16, 2005**

(57) **ABSTRACT**

Related U.S. Application Data

(60) Provisional application No. 60/628,577, filed on Nov. 17, 2004, provisional application No. 60/628,625, filed on Nov. 17, 2004.

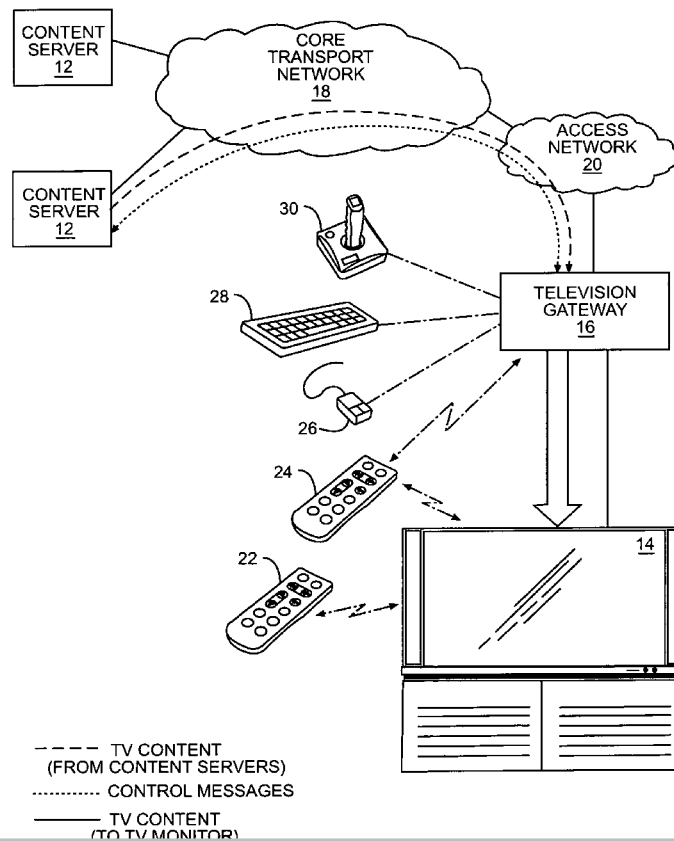
The present invention controls delivery of television content to conserve network resources based on whether the television content is being viewed on a television monitor. A television gateway may monitor a viewer's interactions with the television gateway to determine whether the television content is being viewed at the associated television monitor, or detect whether the television monitor is on or off. Upon determining that the viewer is not viewing the television content, various actions can be taken to conserve network resources.

(51) **Int. Cl.**
G06F 15/16 (2006.01)

(52) **U.S. Cl.**
USPC **725/95; 725/96**

(58) **Field of Classification Search**
USPC 725/58, 124, 125, 86-104
See application file for complete search history.

22 Claims, 5 Drawing Sheets



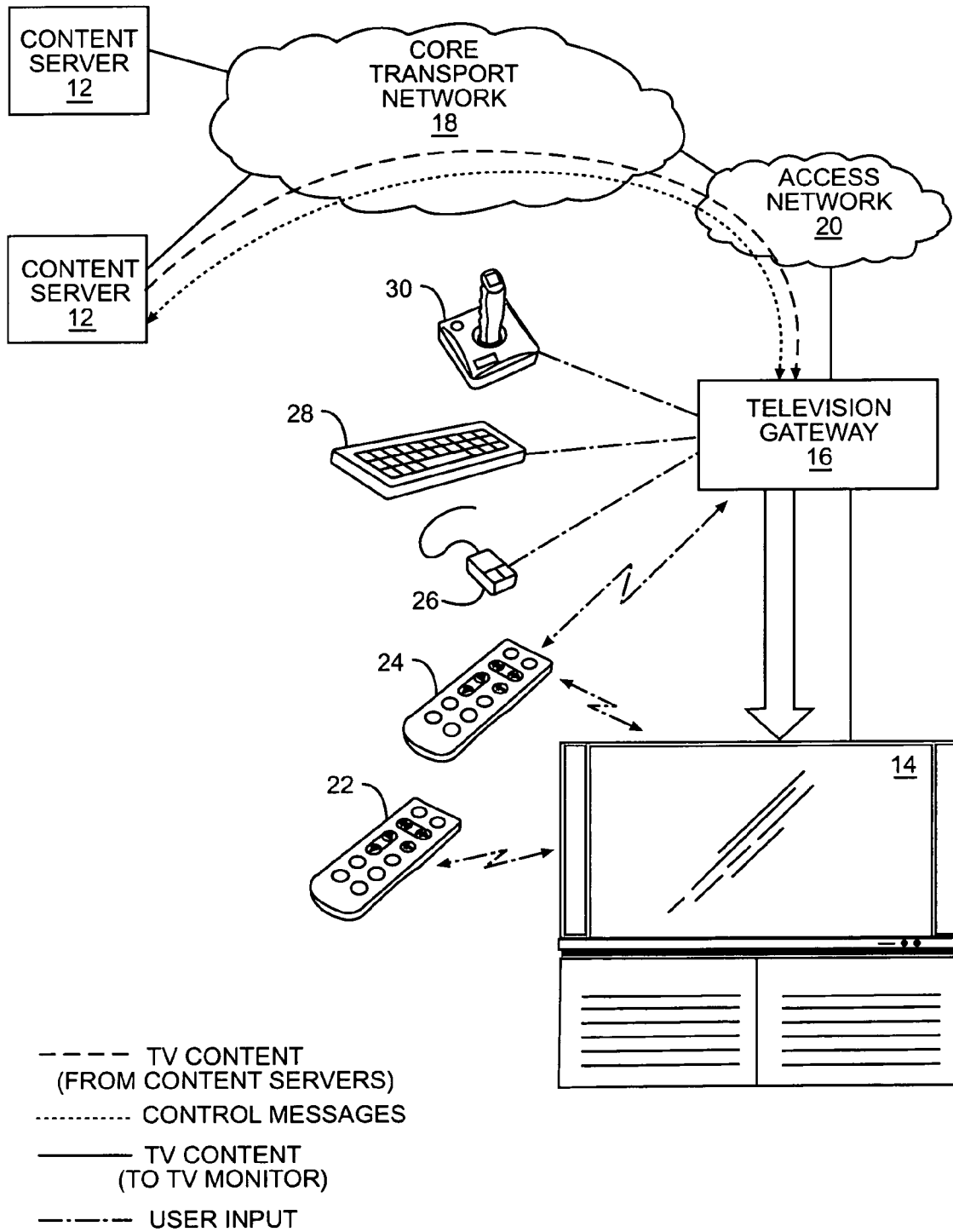


FIG. 1

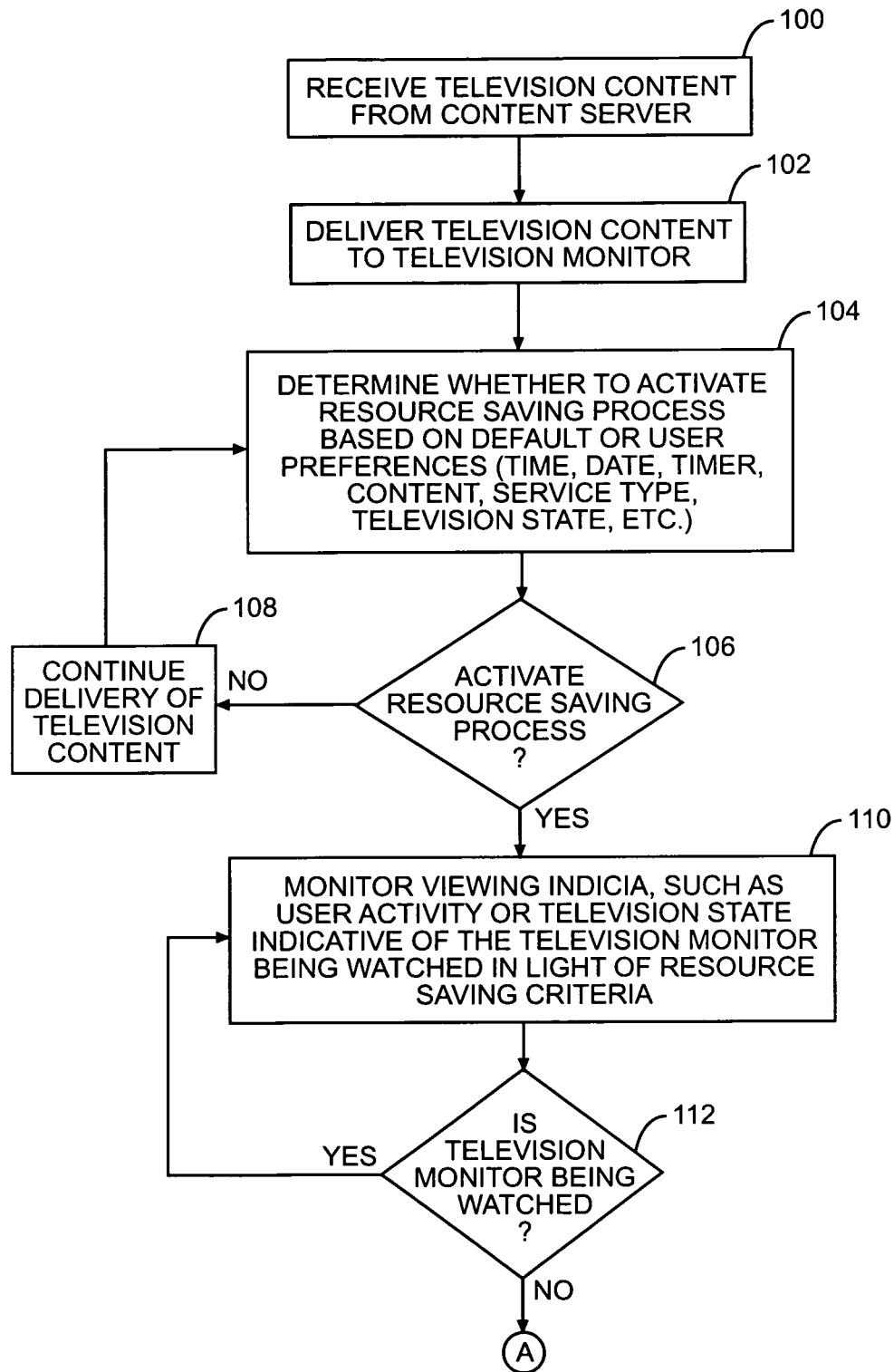


FIG. 2A

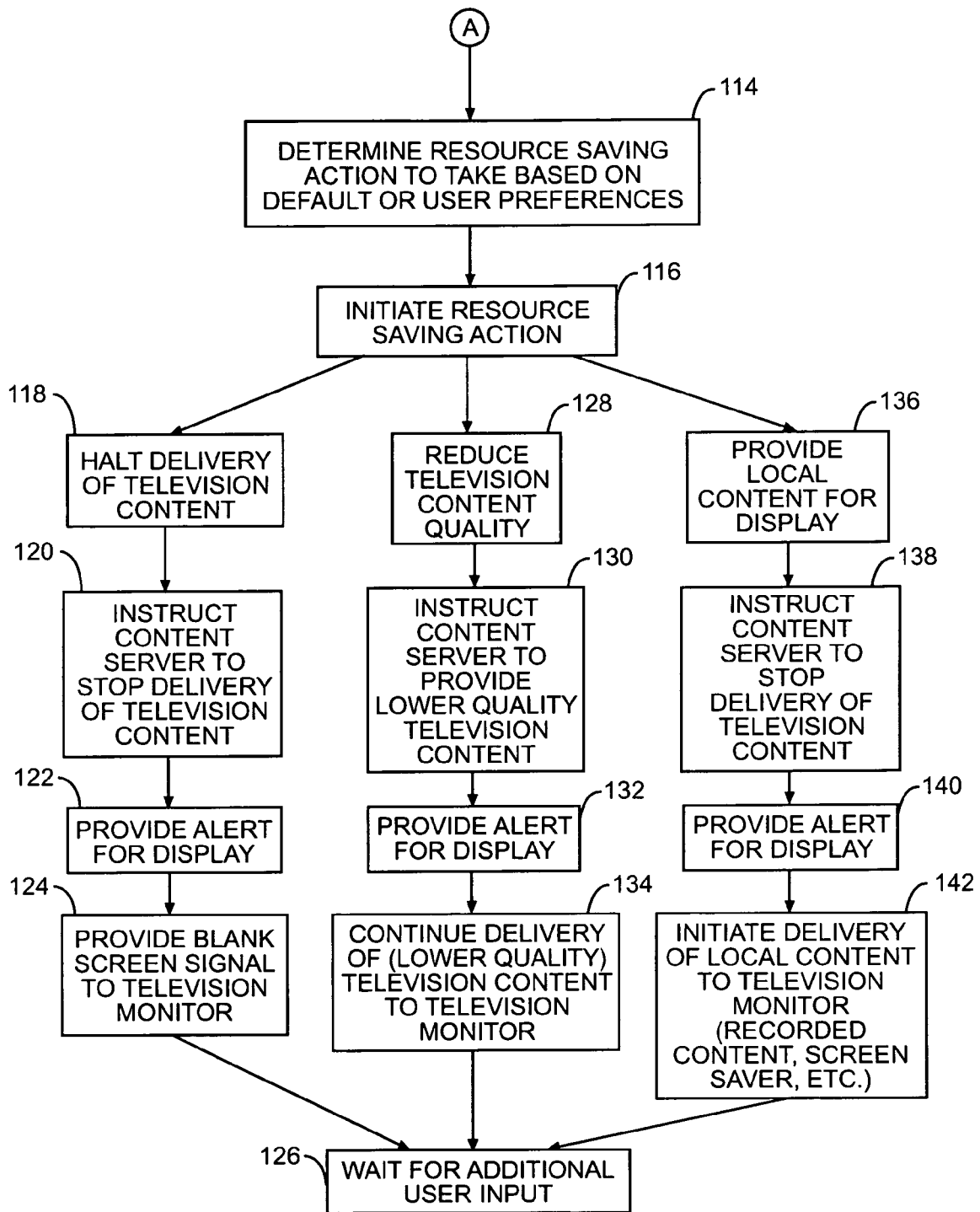


FIG. 2B

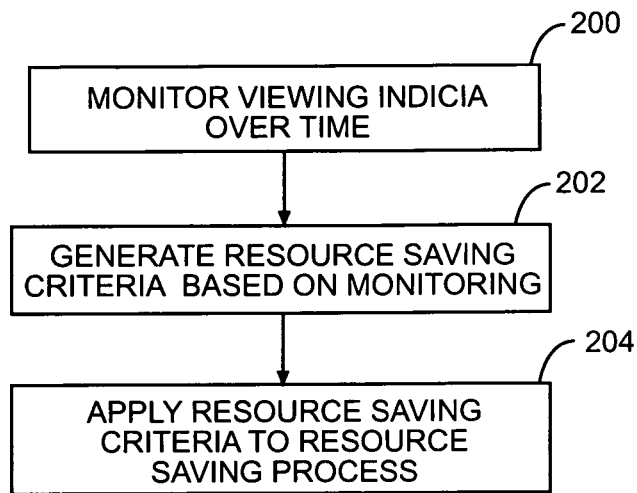


FIG. 3

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