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(54) **SET TOP BOX WITH MOBILE PHONE INTERFACE**

(52) **U.S. Cl. .... 725/81; 725/62; 725/39; 725/37**

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(57) **ABSTRACT**

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**GENERAL INSTRUMENT CORPORATION**  
**DBA THE CONNECTED**  
**HOME SOLUTIONS BUSINESS OF**  
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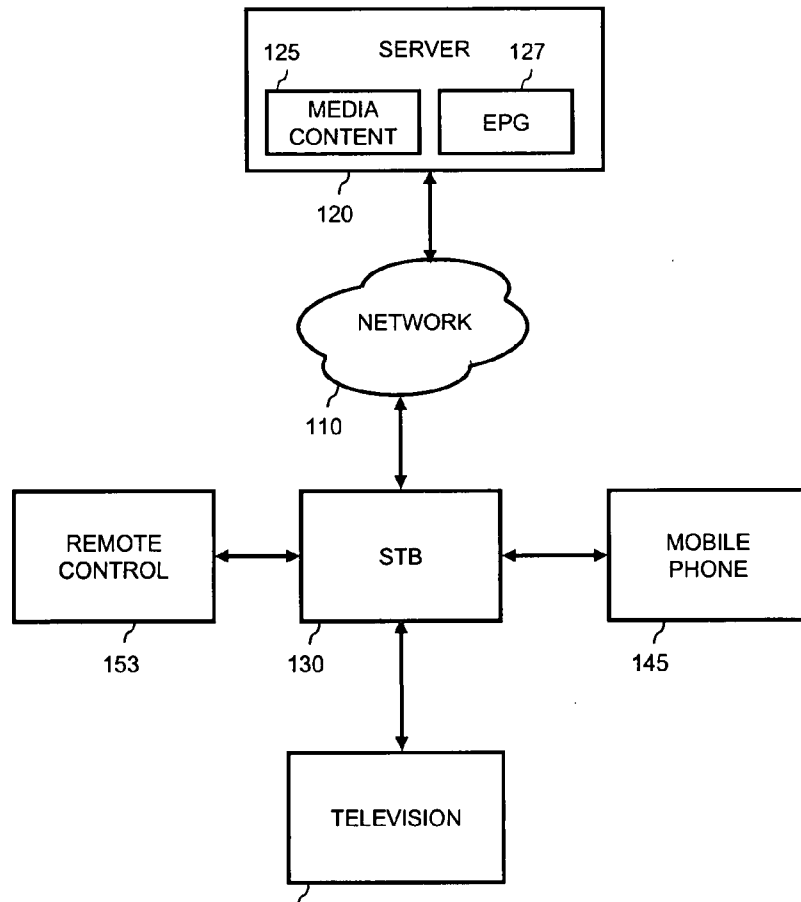
A set top box includes a mobile phone receiving bay disposed in a housing of the set top box. The receiving bay includes a device connector coupled to circuitry in the set top box and a receiving bay opening that is arranged to provide access to the device connector. The device connector is configured for removable engagement with an accessory connector disposed in a mobile phone. The device connector and accessory connector are coupled when the mobile phone is docked in the receiving bay in the set top box to thereby provide a communication interface between the set top box and mobile telephone that enables data transmission therethrough. Users interact with an electronic program guide hosted by the set top box to download media content such as music, ring tones and video to the mobile phone from a network source coupled to the set top box.

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**H04N 5/445 (2006.01)**  
**G06F 13/00 (2006.01)**  
**G06F 3/00 (2006.01)**



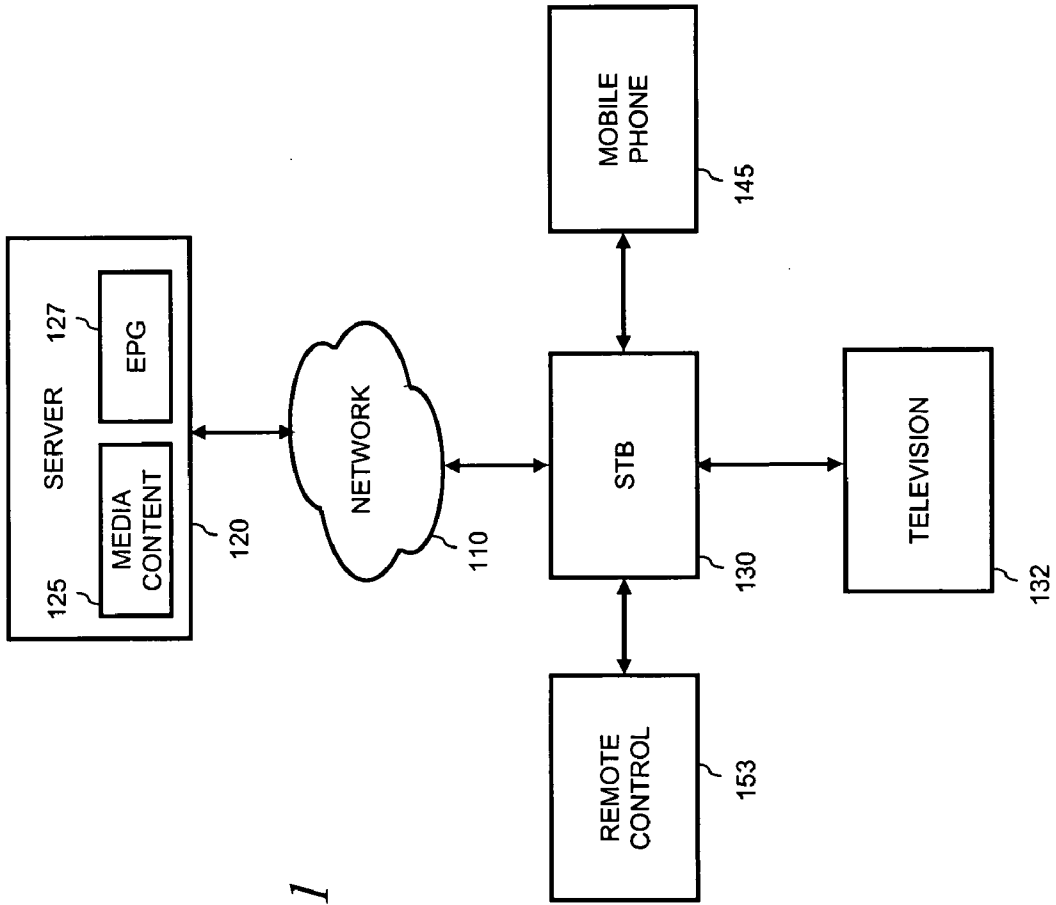


FIG 1

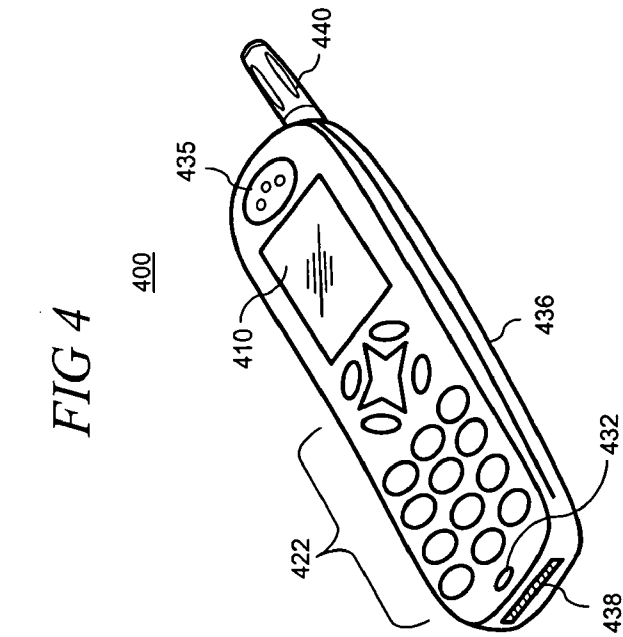


FIG 4

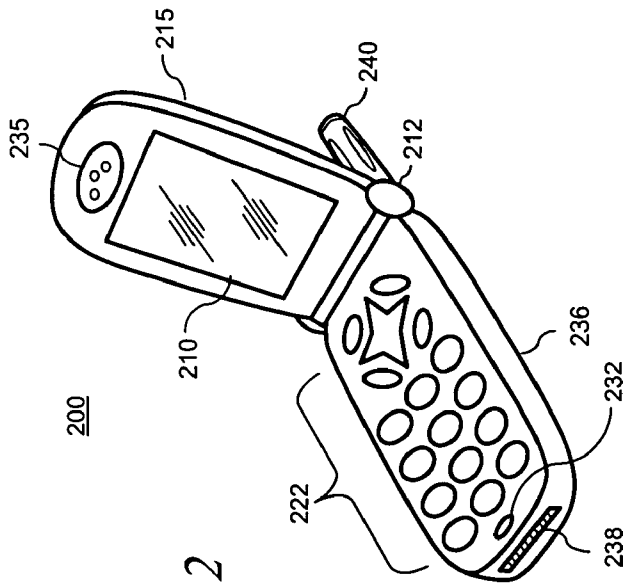


FIG 2

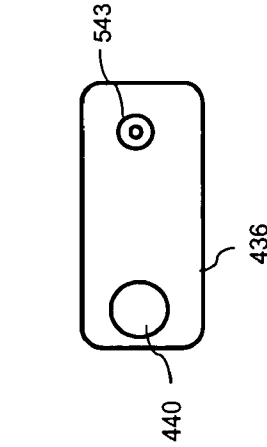


FIG 5

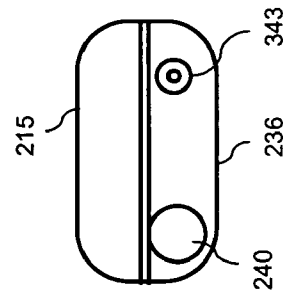
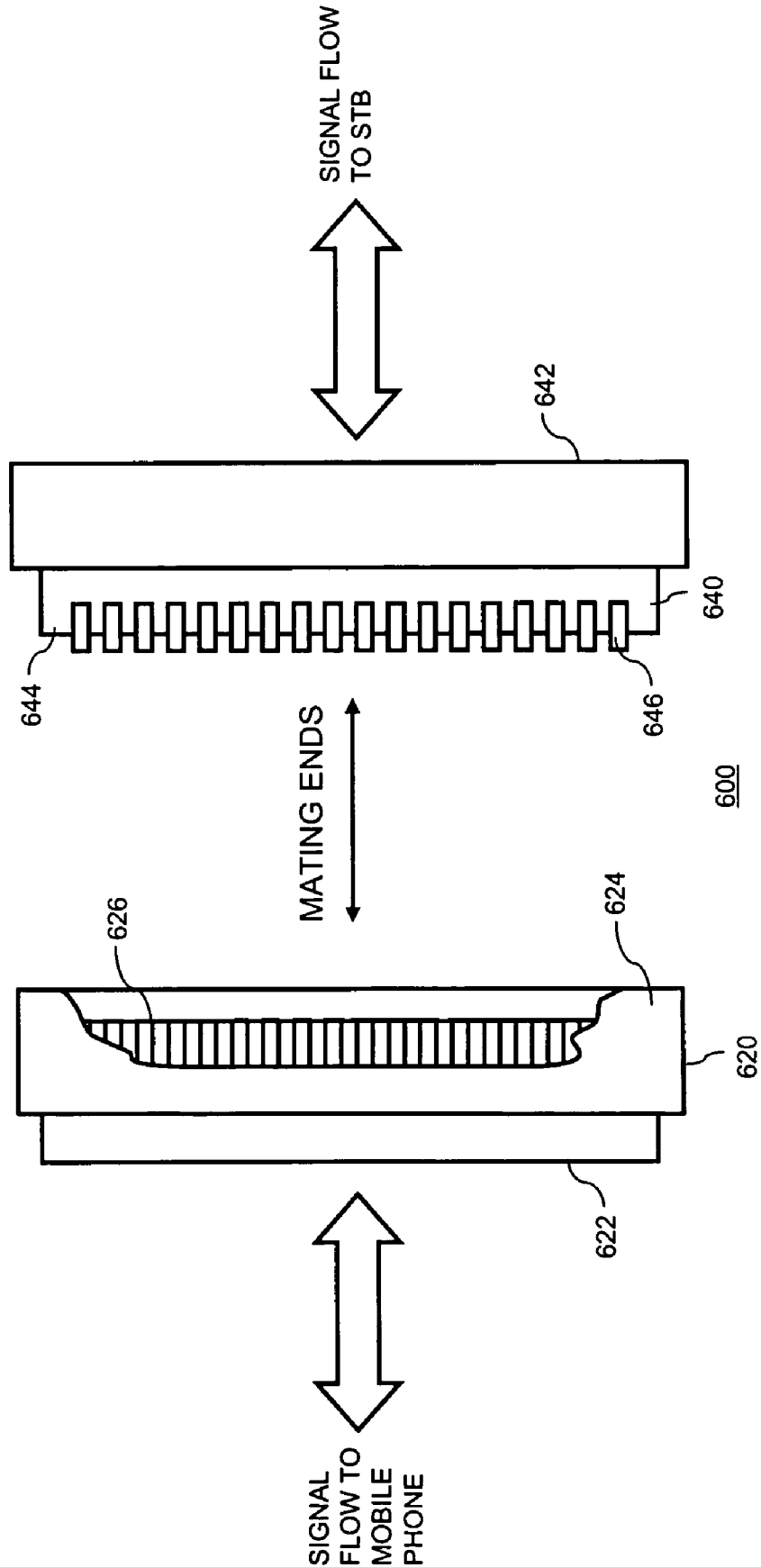
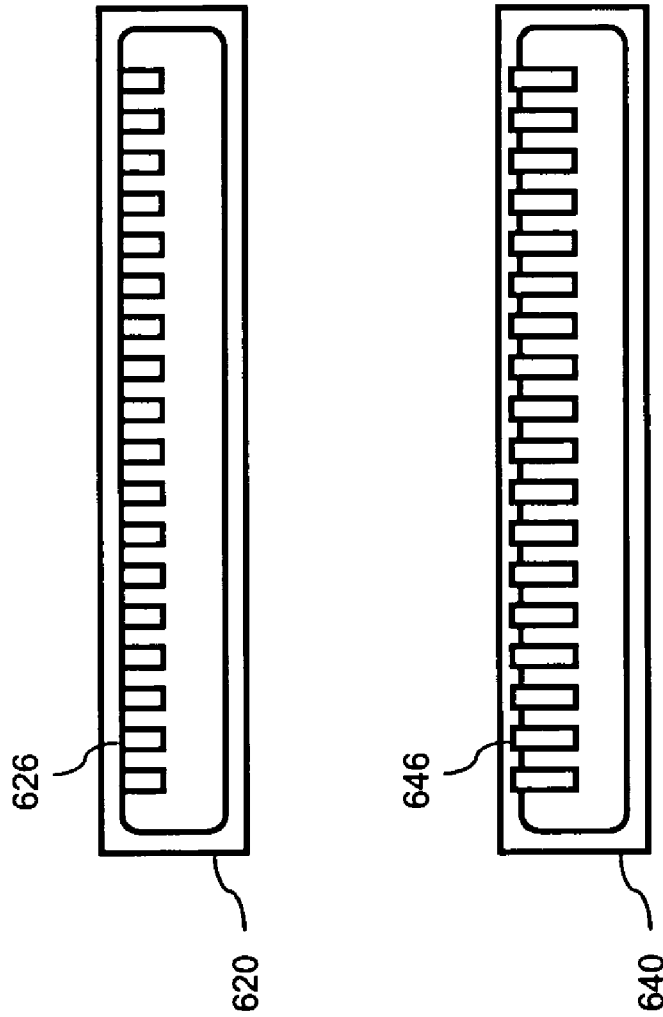


FIG 3

FIG 6



*FIG 7*



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