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Arling et al.

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(54) **SYSTEM AND METHOD FOR OPTIMIZED APPLIANCE CONTROL**

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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 0 days.

This patent is subject to a terminal disclaimer.

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(63) Continuation of application No. 13/933,877, filed on Jul. 2, 2013, now Pat. No. 9,219,874, which is a (Continued)

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H04N 5/44 (2011.01)
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CPC **H04N 5/4403** (2013.01); **G08C 17/02** (2013.01); **G08C 23/04** (2013.01); **H04B 1/205** (2013.01);
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(58) **Field of Classification Search**
CPC G08C 2201/20; G08C 2201/21; G08C 2201/33; G08C 2201/40; G08C 2201/41;
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Primary Examiner — Firmin Backer

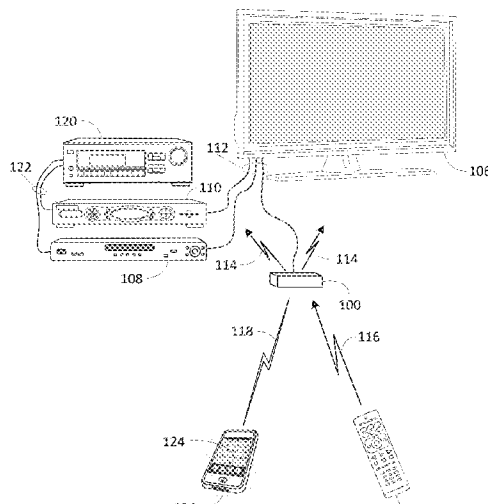
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(57) **ABSTRACT**

A device receives a request from a controlling device, such as a remote control, smart phone, or the like, where the request is intended to have one or more target devices perform one or more functional operations. The device responds to the request by applying the optimum methodology to propagate one or more commands to each intended target appliance to cause each intended target appliance to perform the intended one or more functional operations.

8 Claims, 13 Drawing Sheets



Related U.S. Application Data

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H04N 21/436 (2011.01)
H04N 5/60 (2006.01)

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(58) **Field of Classification Search**

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 See application file for complete search history.

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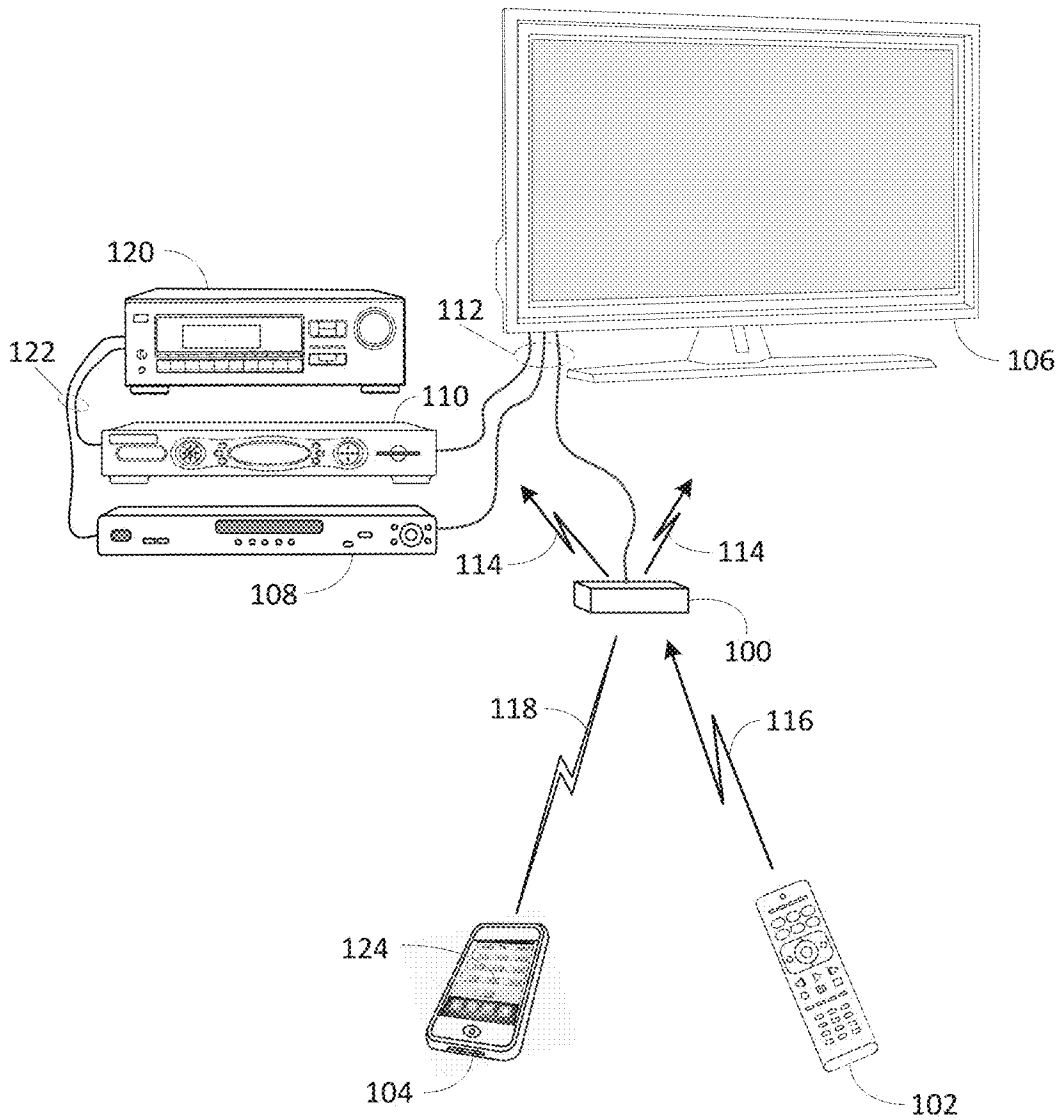


Figure 1

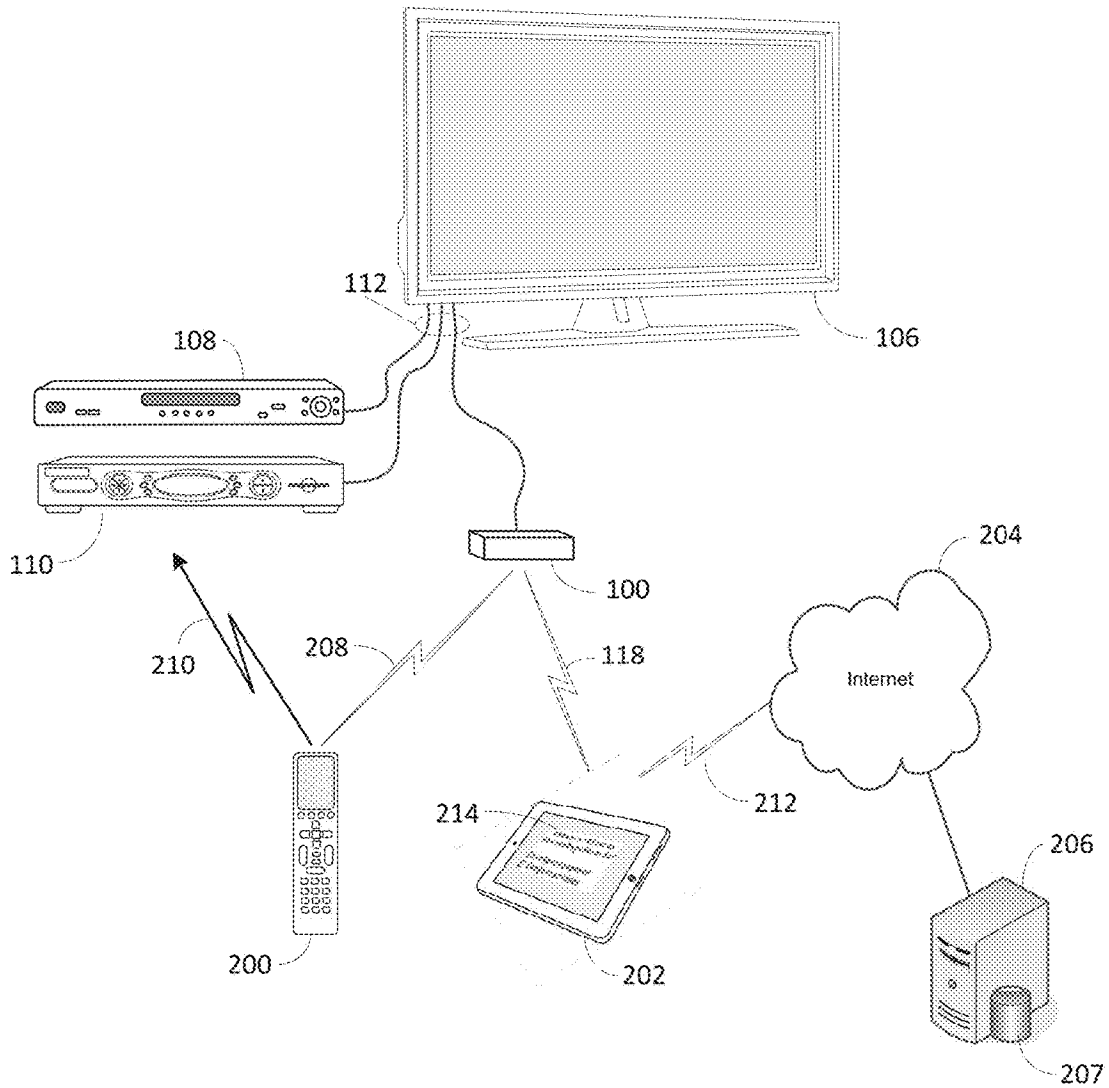


Figure 2

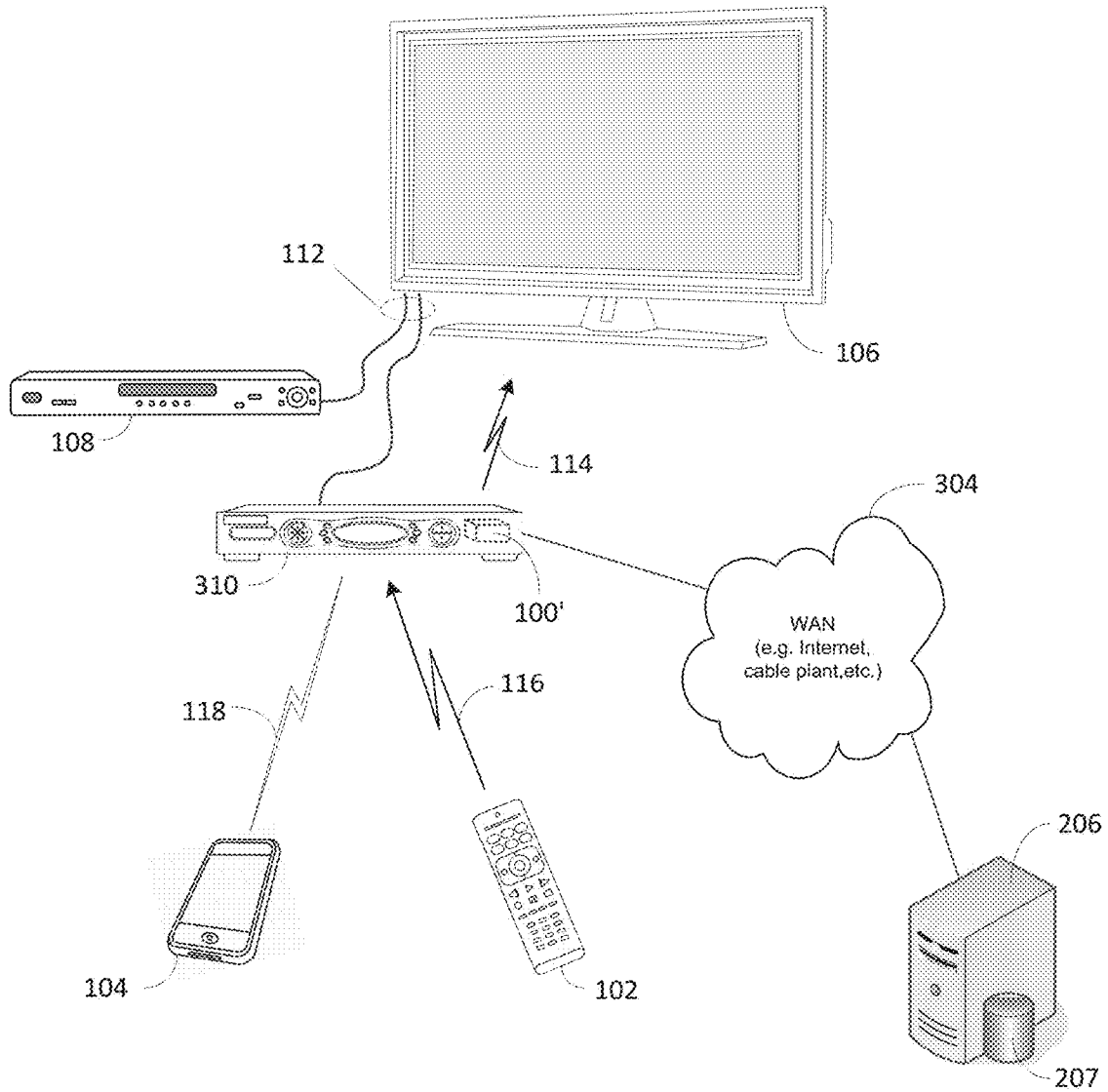


Figure 3

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