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(54) **SYSTEM AND METHOD FOR ACTIVITY BASED CONFIGURATION OF AN ENTERTAINMENT SYSTEM**

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H04N 7/01 (2006.01)

(52) **U.S. Cl.** **348/734**

(58) **Field of Classification Search** 348/734, 348/552, 553, 554, 705, 706, 563–565, 569
See application file for complete search history.

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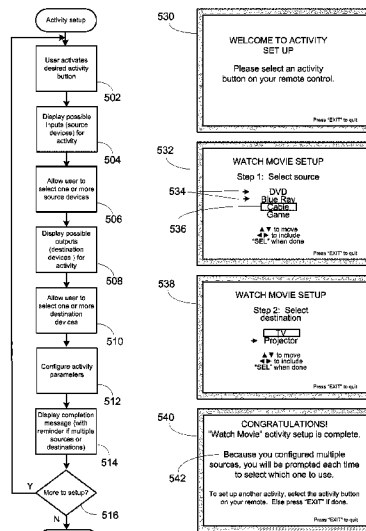
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(57) **ABSTRACT**

A command value corresponding to an activity key of a controlling device is associated with a configuration of an entertainment device in which at least one of a plurality of devices is selected as an audio visual input source device for the entertainment device and at least one of the plurality of devices is selected as an audio visual output destination device for the entertainment device. When the entertainment device receives from the controlling device a signal which includes the command value corresponding to the activity key of the controlling device, the entertainment device accesses and uses the configuration associated with the command value corresponding to the activity key of the controlling device.
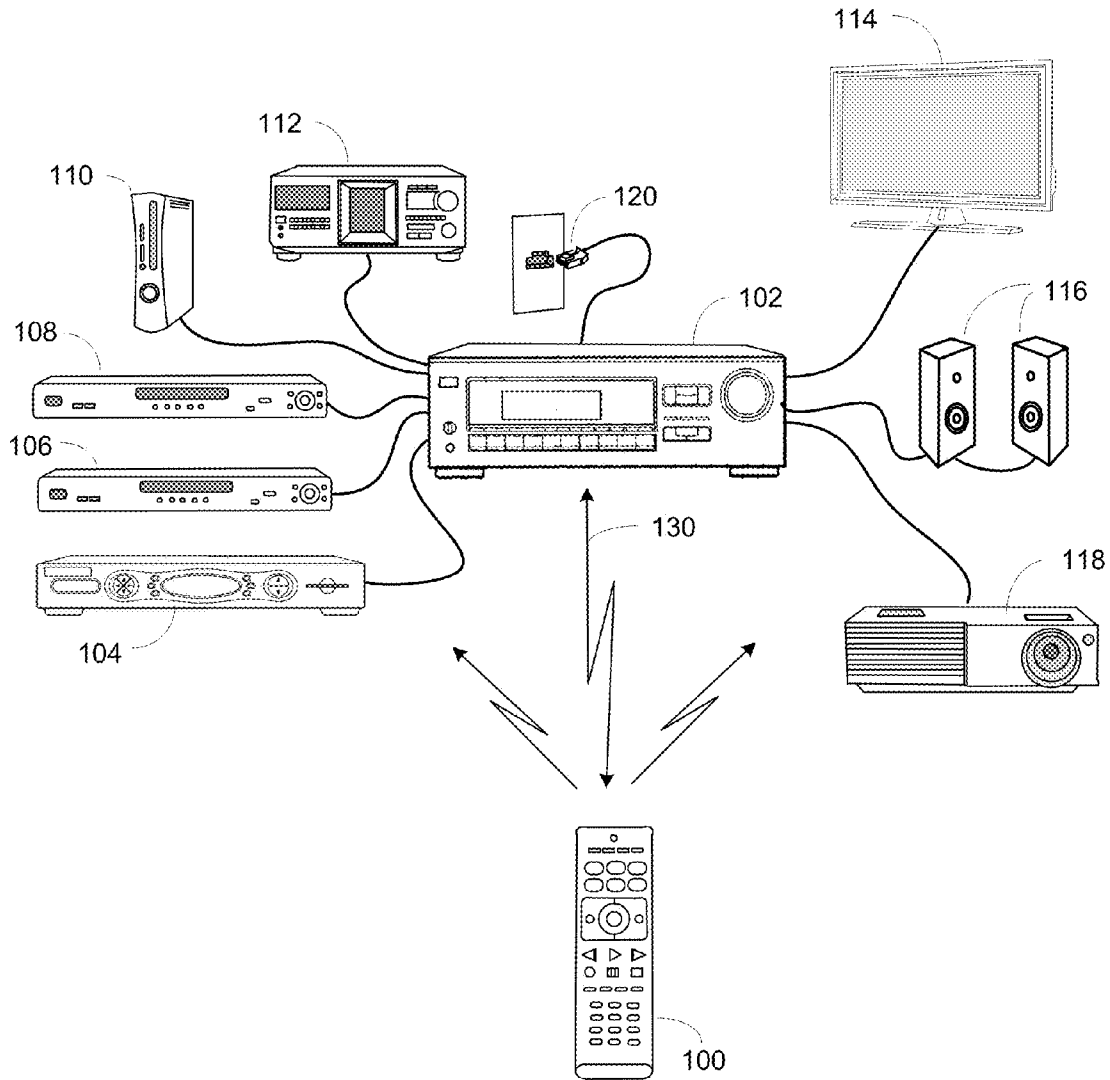
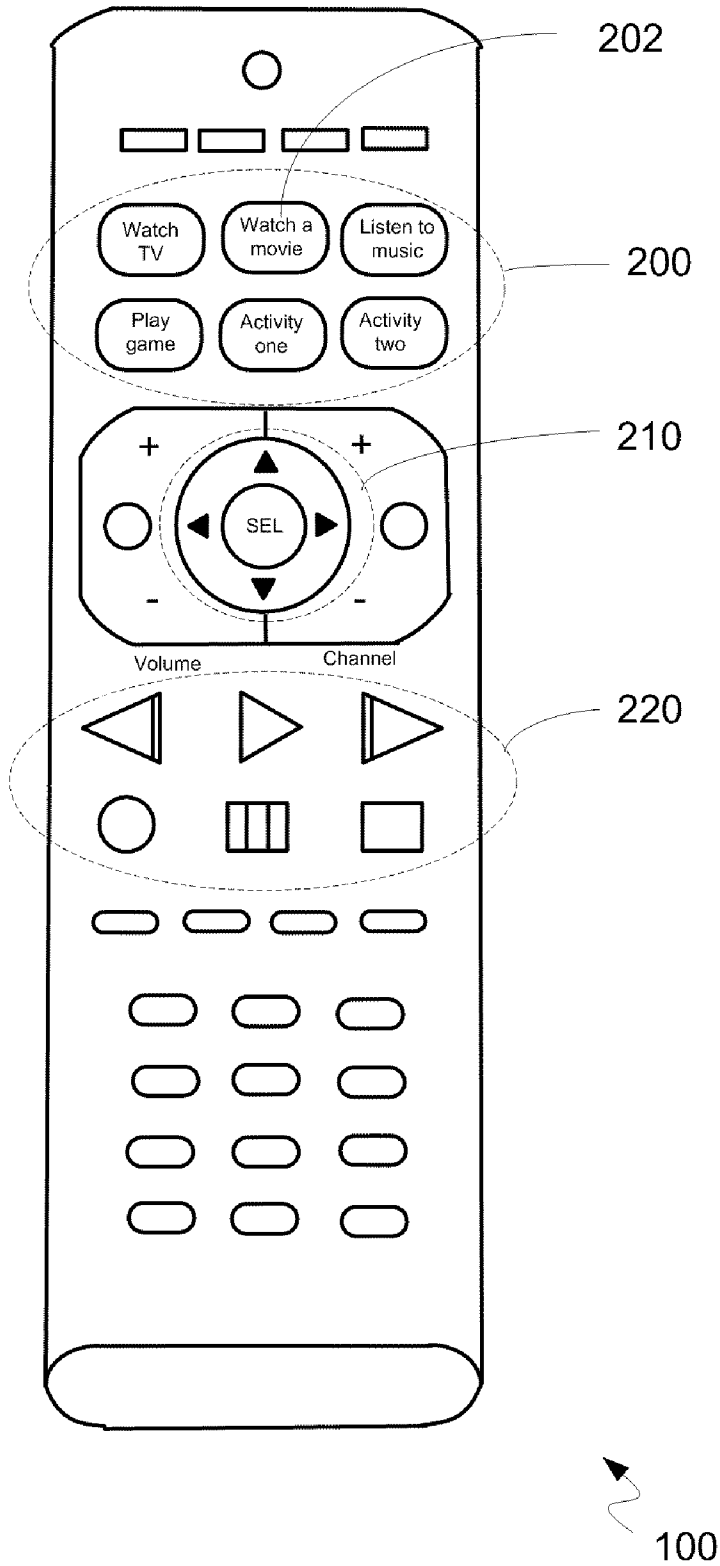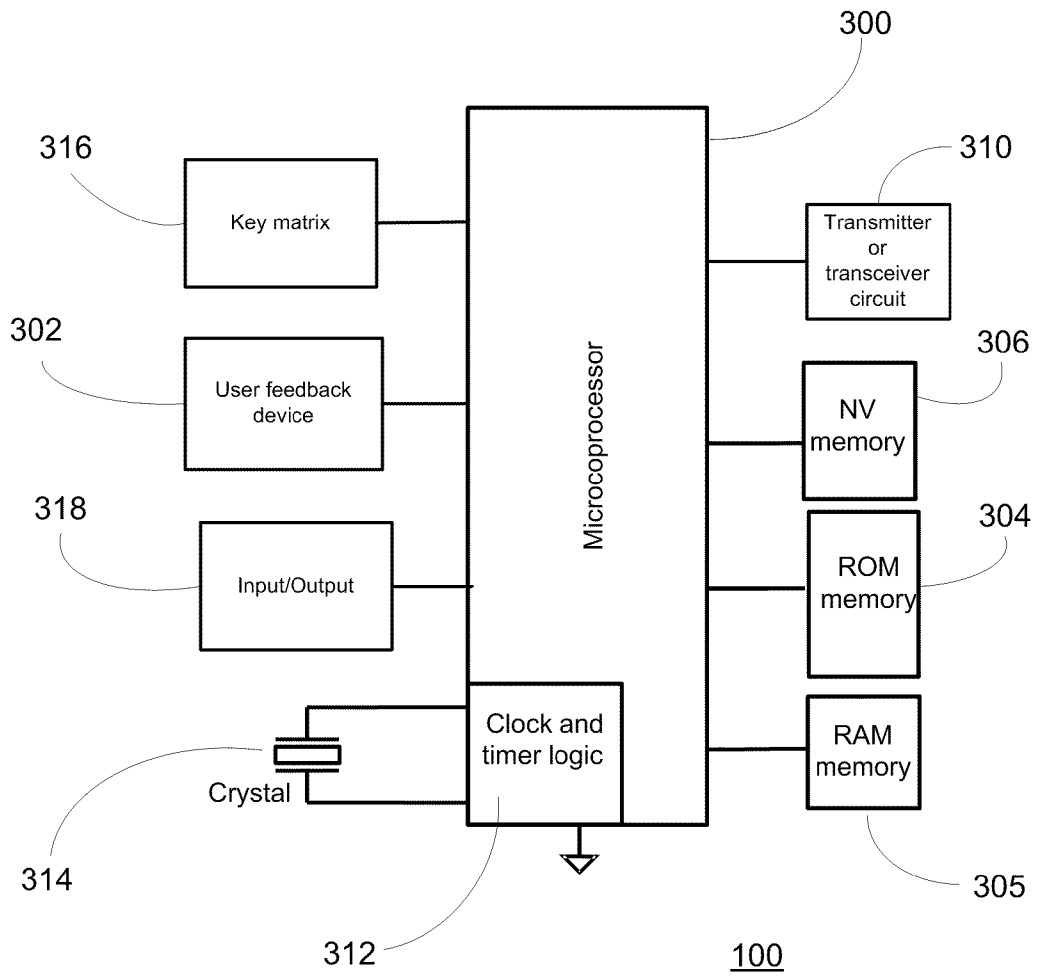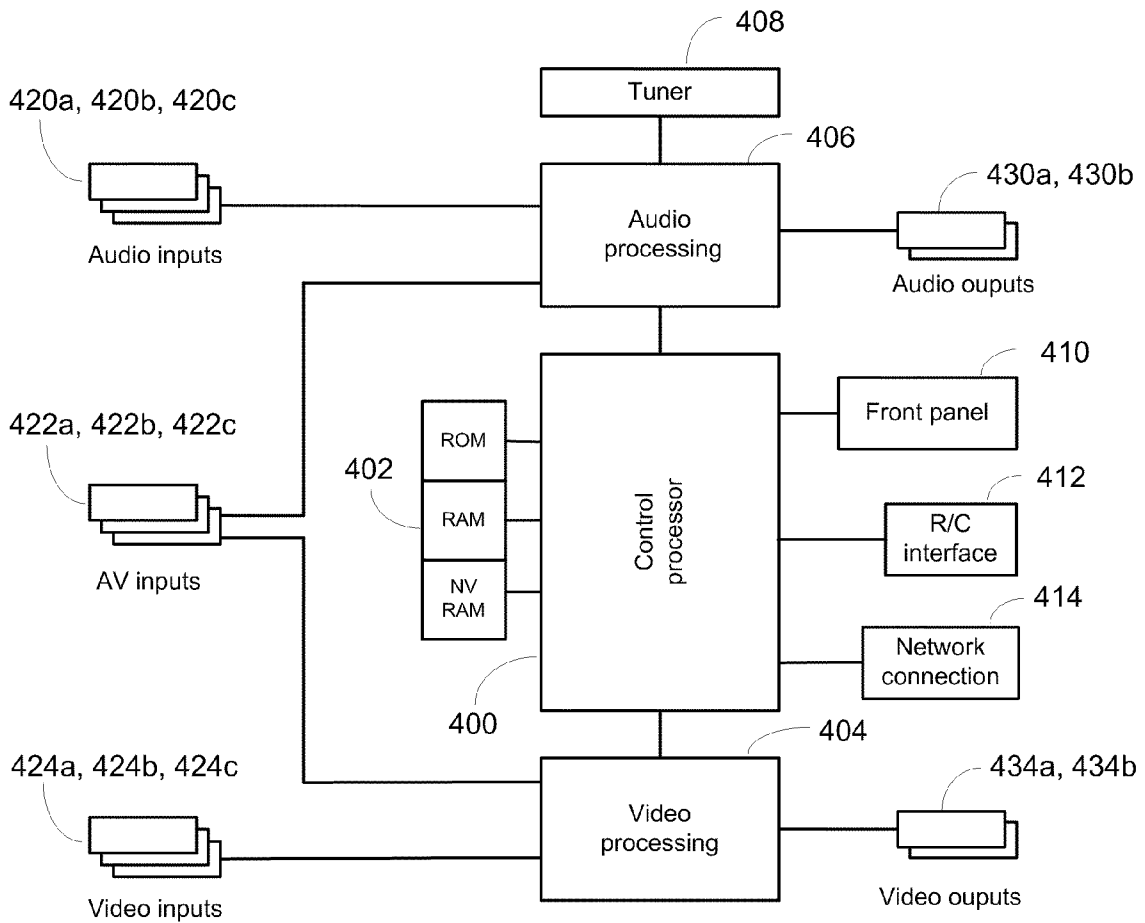**16 Claims, 7 Drawing Sheets**

Figure 1

Figure 2

300

316

Key matrix

310

Transmitter
or
transceiver
circuit

302

User feedback
device

306

NV
memory

318

Input/Output

304

ROM
memory

Microcoprocessor

Crystal

Clock and
timer logic

RAM
memory

314

305

312

100

Figure 3

408

Tuner

420a, 420b, 420c

Audio inputs

406

Audio processing

430a, 430b

Audio ouputs

410

Front panel

402

ROM

RAM

NV RAM

Control processor

412

R/C interface

414

Network connection

422a, 422b, 422c

AV inputs

400

404

424a, 424b, 424c

Video inputs

Video processing

434a, 434b

Video ouputs

102

Figure 4

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