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### (54) METHODS AND APPARATUS FOR AN EMBEDDED APPLIANCE

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#### (57) ABSTRACT

In some embodiments, an apparatus comprises a media module and a modification module included in an embedded appliance. The media module is configured to receive a first media signal associated with a first input port of the embedded appliance and a second media signal associated with a second input port of the embedded appliance. The media module is configured to identify a first set of media signal parameters based on the first media signal. The modification module is configured to receive a modification instruction associated with a session format having a second set of media signal parameters different from the first set of media signal parameters. The modification module is configured to modify the first media signal based on the first set of media signal parameters and the modification instruction to produce a first modified media signal in the session format and having the second set of media signal parameters.

