

CLAIMS:

1. An interface device for a separate wearable visualization device, the interface device comprising:
 - a head strap assembly configured to be worn on a head of a guest when in use to secure the interface device to the head;
 - an interface frame coupled to the head strap assembly;
 - a three-dimensional (3-D) viewing component coupled to the interface frame and configured to allow viewing of one or more coded 2-dimensional (2-D) images as one or more deciphered 3-D features; and
 - an attachment mechanism configured to removably couple the separate wearable visualization device to the interface frame, wherein the wearable visualization device comprises one or more displays for displaying virtual features when in use.
2. The interface device of claim 1, wherein the 3-D viewing component comprises one or more lenses.
3. The interface device of claim 1, wherein the 3-D viewing component is toollessly removable from the interface frame.
4. The interface device of claim 1, wherein the 3-D viewing component comprises a passive 3-D lens assembly.
5. The interface device of claim 1, wherein the 3-D viewing component comprises an active 3-D lens assembly.
6. The interface device of claim 1, wherein the 3-D viewing component comprises a first lens having a first polarization and a second lens having a second polarization, different than the first polarization.

7. The interface device of claim 6, wherein the wearable visualization device, when attached to the attachment mechanism, comprises a corresponding first lens and a corresponding second lens having matching polarization with the first lens and the second lens respectively.
8. The interface device of claim 1, wherein the wearable visualization device comprises an electronic eyeglasses configured for augmented reality (AR) viewing or a virtual reality (VR) headset.
9. The interface device of claim 1, wherein the attachment mechanism comprises one or more magnets configured to magnetically engage corresponding magnets or metallic attachment structures provided on the wearable visualization device when in use.
10. The interface device of claim 1, wherein the attachment mechanism comprises one or more support ribs configured to engage the wearable visualization device when in use.
11. A combined three-dimensional (3-D) and augmented reality viewing system, comprising:
- an interface device configured to be worn on a head of a guest when in use, the interface device comprising:
 - an interface frame;
 - a 3-D viewing component coupled to the interface frame and configured to allow viewing of projected or displayed 3-D images; and
 - a first attachment mechanism configured to removably couple a separate wearable visualization device to the interface frame; and
 - the wearable visualization device, comprising:
 - one or more transparent or semi-transparent displays on which one or more virtual features are displayed when in use; and
 - a second attachment mechanism configured to removably engage the first attachment mechanism.

12. The viewing system of claim 11, wherein the 3-D viewing component comprises one or more lenses permanently attached to the interface frame.
13. The viewing system of claim 11, wherein the 3-D viewing component comprises a first lens having a first polarization and a second lens having a second polarization, different than the first polarization.
14. The viewing system of claim 11, wherein the first attachment mechanism comprises a first magnet and the second attachment mechanism comprises a second magnet.
15. The viewing system of claim 11, wherein the wearable visualization device comprises electronic eyeglasses comprising the one or more transparent or semi-transparent displays on which one or more virtual features are displayed when in use such that a real-world environment comprising the projected or displayed 3-D images is simultaneously viewable with the virtual features.
16. A combined three-dimensional (3-D) and virtual reality viewing system, comprising:
an interface device configured to be worn on a head of a guest when in use, the interface device comprising:
an interface frame;
a 3-D viewing component attached to the interface frame and configured to allow viewing of projected or displayed 3-D images; and
a first attachment mechanism configured to removably couple a separate wearable visualization device to the interface frame; and
the separate wearable visualization device, comprising:
one or more opaque displays on which one or more virtual features are displayed when in use; and
a second attachment mechanism configured to removably engage the first attachment mechanism.
17. The viewing system of claim 16, wherein the 3-D viewing component comprises one or more polarized lenses.

18. The viewing system of claim 16, wherein the 3-D viewing component comprises an active shuttering lens assembly.

19. The viewing system of claim 18, comprising an amusement park controller configured to instruct a projector or an electronic display device to present the projected or displayed 3-D images, wherein the projected or displayed 3-D images comprise a prompt to attach the separate wearable visualization device.

20. The viewing system of claim 16, wherein the separate wearable visualization device comprises a VR headset comprising the one or more opaque displays on which one or more virtual features are displayed when in use.