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(54) Title: WEARABLE VISUALIZATION DEVICE SYSTEMS AND METHODS

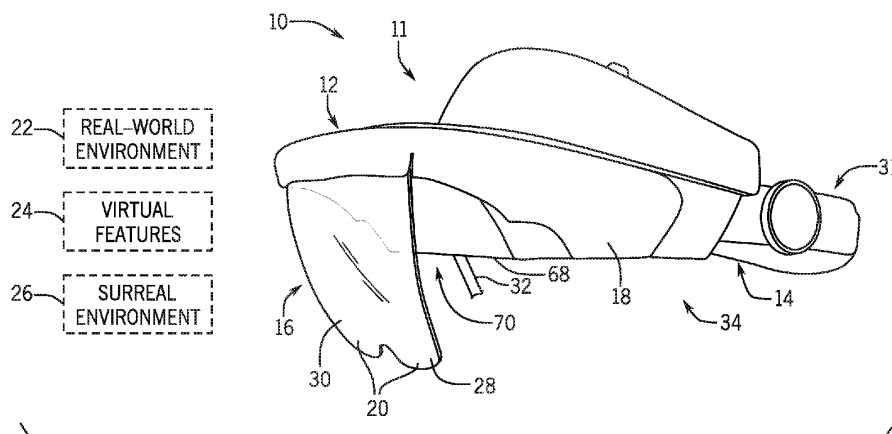


FIG. 1

(57) Abstract: A wearable visualization device (12) configured to provide a user with an augmented reality, a virtual reality, and/or a mixed reality experience includes a housing (18) and a lens portion (16) extending from the housing (18). The wearable visualization device (12) includes a first display screen (74) and a second display screen (76) coupled to the housing (18) and configured to project light onto the lens portion (16), where the lens portion (16) is configured to reflect at least a portion of the light into eyes of the user. The wearable visualization device (12) includes a camera (84) positioned between the first display screen (74) and the second display screen (76) and configured to acquire image data of the lens portion (16).

[Continued on next page]

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