[Claim 1]

A three-dimensional image display device which three-dimensionally displays an image displayed on a screen of an image display device, the three-dimensional image display device comprising:

an attaching mechanism for attaching the image display device; and

a mirror device which is rotatably supported in a predetermined part of the attaching mechanism,

wherein the mirror device is provided with a plurality of mirrors disposed in parallel with each other at predetermined intervals in the depth direction, and

the mirror device, when a three-dimensional image is displayed, rotates about a shaft so that the plurality of mirrors are positioned at an predetermined angle toward a viewer relative to the screen of the image display device, and reflects and displays an image displayed on the screen of the image display device toward the viewer.

[Claim 2]

The three-dimensional image display device according to Claim 1,

wherein the attaching mechanism includes a main body case for accommodating the image display device, the mirror device is rotatably supported in a rear end part of the main body case, and

the mirror device is rotated backwardly about a shaft in a manner of being opened from the main body case, and the image display device is allowed to be attached to the main body case in this state.

[Claim 3]

The three-dimensional image display device according to Claim 1,

wherein the attaching mechanism includes a main body case for accommodating the image display device, the mirror device is rotatably supported about a rear end part of the main body case,

a plurality of mirrors are rotatably supported on the mirror device in parallel at predetermined intervals in the depth direction, and

when a three-dimensional image is displayed, the mirror device rotates about a shaft to the main body case side, the plurality of mirrors are supported at a predetermined angle toward the viewer relative to the screen of the image display device to reflect the image displayed on the screen, and

when a three-dimensional image is not displayed, the mirror device rotates about a shaft to the main body case side, the plurality of mirrors are accommodated in a state of being folded inside the mirror device.

[Claim 4]

The three-dimensional image display device according to Claim 3, wherein the mirror device is capable of rotationally moving between a first position in which an image displayed on the screen is reflected toward a viewer, the first position being attained by, in a state that the image display device is accommodated in the main body case, forwardly rotating the mirror device about the shaft to bring front ends of the plurality of mirrors into contact with the screen of the image display device and supporting the plurality of mirrors, and a second position in which an image displayed on the screen of the image display device can be viewed, the second position being attained by backwardly rotating the mirror device about the shaft to remove the plurality of mirrors from the screen of the image display device.

[Claim 5]

The three-dimensional image display device according to Claim 3 or 4,

wherein the mirror device has a mirror case which supports and mounts the plurality of mirrors, and

the mirror case is rotatably supported on the main body case.

[Claim 6]

The three-dimensional image display device according to any one of Claims 3 to 5, wherein the plurality of

mirrors are disposed so that the heights of the mirrors decrease from the front to the back, and the three-dimensional image display device comprises first and second half mirrors disposed on the side closer to the viewer, and a total reflection mirror disposed behind the first and second half mirrors.

[Claim 7]

The three-dimensional image display device according to any one of Claims 3 to 6, wherein the thickness of the image display device and the mirror device when the plurality of mirrors are folded within the mirror device on a screen of the image display device can be reduced to 30% when the plurality of mirrors are in a first position so that they are in close contact with the screen of the image display device to allow three-dimensional image viewing.

[Claim 8]

The three-dimensional image display device according to any one of Claims 2 to 7, wherein the mirror device and the main body case are made of a synthetic resin.

[Claim 9]

The three-dimensional image display device according to any one of Claims 2 to 8, wherein the main body case accommodates, as the image display device, a portable display device having a screen which displays a two-

dimensional image.

[Claim 10]

The three-dimensional image display device according to Claim 1 or 2,

wherein the mirror device has a mirror case formed with the plurality of mirrors disposed and fixed at predetermined intervals in the depth direction to form predetermined angles, and

the mirror case is supported on a rear part of the main body case.

[Claim 11]

A three-dimensional image display device which three-dimensionally displays an image displayed on a screen of an image display device using a plurality of mirrors, the three-dimensional image display device having a mirror device which includes:

a main body case on which the image display device is attached;

a mirror case which is supported in a predetermined part of the main body case; and

a plurality of mirrors rotatably mounted on the mirror case in parallel at predetermined intervals from the front to the back of the mirror case,

wherein the mirror case, when a three-dimensional image is displayed, rotates about a shaft so that front

end parts of the plurality of mirrors form approximately the same plane, reflecting an image displayed on a screen of the image display device in a state that the plurality of mirrors are supported and tilted at a predetermined angle to the viewer side relative to the screen, and

the mirror case, in a state that the image display device is removed from the main body case, rotates about the shaft to the main body case side so that the plurality of mirrors rotate about the shaft and are accommodated in a state of being folded within the mirror case.

[Claim 12]

The three-dimensional image display device according to Claim 11,

wherein the plurality of mirrors are attached to a quadrangular mirror frame, respectively, and

in a state that the image display device is attached to the main body case, the mirror case rotates about the shaft to be supported in a state that front ends the plurality of mirror frames are in contact with the screen of the image display device, and reflects an image displayed on the screen of the image display device toward the viewer.

[Claim 13]

The three-dimensional image display device according to Claim 11 or 12, wherein the mirror case is caused to be

rotatable between a first position in which a three-dimensional image is displayed by reflecting an image displayed on the screen of the image display device in a state that the plurality of mirrors are supported at a predetermined angle relative to the screen, the first position being attained by, in a state that the image display device is attached to the main body case and the mirror case rotates about the shaft, and a second position in which the viewer can view an image displayed on the screen of the image display device, the second position being attained by backwardly rotating the mirror case about the shaft to remove the plurality of mirrors from the screen of the image display device.

[Claim 14]

The three-dimensional image display device according to any one of Claims 11 to 13,

wherein the sides defining the heights of the plurality of quadrangular mirrors are formed to decrease from the front to the back, and

the plurality of mirrors include first and second half mirrors which are disposed on the front side and are rotatable relative to the mirror case about a shaft, and a total reflection mirror disposed behind the first and second half mirrors and fixed on the mirror case.

[Claim 15]

The three-dimensional image display device according to any one of Claims 11 to 14, wherein the main body case includes a flange surrounding the same, and a housing part which lies within a part surrounded by the flange and accommodates the image display device.

[Claim 16]

The three-dimensional image display device according to any one of Claims 11 to 15, wherein the main body case includes a pair of soft components disposed on both sides of an inner part of the same, and retains, by the soft components, a side part of the image display device to which it is attached.

[Claim 17]

The three-dimensional image display device according to any one of Claims 11 to 16, wherein the main body case includes a socket part at which a top head part of the image display device is inserted into its inner part, and a flat spring which lies at the inner bottom of the socket part and presses the bottom of the inserted image display device upward.

[Claim 18]

The three-dimensional image display device according to Claim 17,

wherein the shaft provided at a rear end of the mirror case and front end parts of the plurality of mirror

frames are on the same plane during three-dimensional image viewing,

a shaft bearing which engages the shaft of the mirror case is provided at the rear end of the main body case,

a reference plane formed by an upper part within the socket part of the main body case is on the same plane as the shaft bearing,

when the image display device is attached to the body socket, the screen of the image display device is brought into contact with the reference plane by the pressure of the flat spring part of the main body case, and

the plurality of mirror frames are positioned at the screen, regardless of a tilt due to a difference in thickness of the image display device.

[Claim 19]

The three-dimensional image display device according to any one of Claims 11 to 18,

wherein a hook is provided at a front end of the mirror case,

a hook hole is provided in a front part of the flange of the main body case, and

when the mirror case is rotated and is closed inside the main body case, the hook and the hook hole are engaged

to retain the state that the mirror case and the main body case are combined.

[Claim 20]

The three-dimensional image display device according to any one of Claims 11 to 19,

wherein each of the main body case and the mirror case forms a box shape, and

the two components form a single box shape in a state that the mirror case is closed inside and joined with the main body case.

[Claim 21] ~~(Amended)~~

A three-dimensional image display device which three-dimensionally displays an image displayed on a screen of the image display device, the three-dimensional image display device comprising:

a main body case on which the image display device is attached; and

a mirror device including a mirror case which is integrally formed with the main body case and in which a plurality of mirrors are disposed and fixed in parallel at predetermined intervals in the depth direction and at a predetermined angle,

wherein the mirror device rotatably is supported in a predetermined part of the main body case, and

when a three-dimensional image is displayed, the

mirror case rotates about a shaft to the main body case side, the plurality of mirrors are positioned at a predetermined angle toward the viewer relative to the screen of the image display device and tilted at a predetermined angle to reflect the image displayed on the screen of the image display device.

~~[Claim 22] (Deleted)~~

~~[Claim 23] (Deleted)~~