

first resolution and a vertical component of the resolution of the combined single plane image; and means for displaying the pointer at the new location based upon the reduced second distance.

20. A method for determining a new location of a pointer on a multi-layer display device having a first display screen and a second display screen, the second display screen arranged relative to the first display screen such that a common line of sight passes through a portion of the first display screen to a portion of the second display screen, the method comprising: displaying a combined single plane image on the first display screen and the second display screen, wherein the combined single plane image has a first image portion corresponding to images to be displayed on the first display screen and a second image portion corresponding to images to be displayed on the second display screen; receiving an input from an input device indicating movement of the pointer displayed on the first video display screen a first distance in a horizontal direction and a second distance in a vertical direction; reducing either the first or second distance by multiplying the first or second distance by a ratio of a first display screen resolution and a combined image resolution; and displaying the pointer at the new location based upon the reduced first or second distance.

21. The method of claim **20**, further comprising reducing a speed of the pointer by multiplying the speed by a ratio of the first display resolution and the combined single plane image resolution.

22. The method of claim **20**, wherein the first distance is reduced if the first image portion is positioned in a substantially side-by-side orientation adjacent the second image portion.

23. The method of claim **20**, wherein the second distance is reduced if the first image portion is positioned above or below the second image portion.

24. A gaming machine, comprising:

a first display screen having a first resolution and adapted to present a first visual image thereon;

a second display screen having a second resolution and adapted to present a second visual image thereon, the second display screen arranged relative to the first video display screen such that a common line of sight passes through a portion of the first display screen to a portion of the second display screen; and

a logic device configured to communicate with the first display screen and the second display screen and configured to receive a combined single plane visual image for display on the first and second display screen, the combined visual image having a first portion corresponding to the first visual image to be displayed on the first display screen and a second portion corresponding to the second visual image to be displayed on the second display screen,

wherein the logic device is configured to transmit the first visual image to the first display screen and the second visual image to the second display screen.

25. The gaming machine of claim **24**, wherein the single combined visual image has a resolution equal to the sum of the first resolution and the second resolution.

26. The gaming machine of claim **24**, wherein the first portion is positioned in a substantially side-by-side orientation adjacent to the second portion.

27. The gaming machine of claim **26**, further comprising a pointer configured to be displayed on the first display screen, the pointer further configured to be moved a first distance in a horizontal direction and a second distance in a vertical direction,

wherein the first distance is reduced by a ratio of a horizontal component of the first resolution and a horizontal component of the resolution of the combined visual image.

28. The gaming machine of claim **24**, wherein the first portion is positioned above or below the second portion.

29. The gaming machine of claim **28**, further comprising a pointer configured to be displayed on the first display screen, the pointer further configured to be moved a first distance in a horizontal direction and a second distance in a vertical direction,

wherein the second distance is reduced by a ratio of a vertical component of the first resolution and a vertical component of the resolution of the combined visual image.

30. The gaming machine of claim **24**, wherein the logic device is a video card having a plurality of output ports.

31. A system for displaying images on a multi-layer display device, comprising:

a first display screen having a first resolution and adapted to present a first visual image thereon;

a second display screen having a second resolution and adapted to present a second visual image thereon, the second display screen arranged relative to the first display screen such that a common line of sight passes through a portion of the first display screen to a portion of the second display screen; and

a logic device configured to communicate with the first display screen and the second display screen and configured to receive a combined single plane visual image for display on the first and second display screen, the combined visual image having a first portion corresponding to the first visual image to be displayed on the first display screen and a second portion corresponding to the second visual image to be displayed on the second display screen,

wherein the logic device is configured to transmit the first visual image to the first display screen and the second visual image to the second display screen.

32. The system of claim **31**, wherein the combined single plane visual image has a resolution equal to the sum of the first resolution and the second resolution.

33. The system of claim **31**, wherein the first portion is positioned in a substantially side-by-side orientation adjacent to the second portion.

34. The system of claim **33**, further comprising a pointer configured to be displayed on the first display screen, the pointer further configured to be moved a first distance in a horizontal direction and a second distance in a vertical direction,

wherein the first distance is reduced by a ratio of a horizontal component of the first resolution and a horizontal component of the resolution of the combined single plane visual image.