U.S. PATENT NO. 8,289,688 CLAIM LISTING

No.	Limitation
[1pre]	A portable computer configurable between a plurality of display modes including a closed mode, a laptop mode and an easel mode, the portable computer comprising:
[1a]	a single display component including a display screen;
[1b]	a base including a keyboard;
[1c1]	a hinge assembly at least partially housed within the base and the display component configured to pivotably couple the display component to the base,
[1c2]	wherein the hinge assembly defines a single longitudinal axis running along an interface between the display component and the base, and
[1c3]	wherein the display component and the base are rotatable about the single longitudinal axis;
[1d]	wherein, in the closed mode, the display screen is disposed substantially against the base;
[1e]	wherein rotating either the single display component or the base by an operator about the single longitudinal axis up to approximately 180 degrees from the closed mode configures the portable computer into the laptop mode, wherein in the laptop mode the single display component is oriented towards the operator and the keyboard is oriented to receive input from the operator;
[1f]	wherein rotating either the single display component or the base by the operator about the single longitudinal axis beyond approximately 180 degrees from the closed mode configures the portable computer into the easel mode; and
[1g]	wherein in the easel mode the single display component is oriented facing the operator with the keyboard oriented away from the operator.

IPR2021-00681 (Lenovo Inc. v. LiTl LLC.)

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[2]	The portable computer of claim 1, wherein the single display component is rotatable about the single longitudinal axis up to approximately 320 degrees from the closed mode.
[3]	The portable computer of claim 1, further comprising a display orientation module that displays content on the display screen in one of a plurality of content orientations relative to the single longitudinal axis.
[4a]	The portable computer of claim 3, further comprising a mode sensor which detects a current display mode of the portable computer; and
[4b]	wherein the display orientation module displays content on the display screen in the one of the plurality of content orientations dependent on the current display mode detected by the mode sensor.
[5]	The portable computer of claim 3, wherein the display orientation module is configured to display the content in a first content orientation relative to the single longitudinal axis when the portable computer is configured into the laptop mode and in a second content orientation relative to the single longitudinal axis when the portable computer is configured into the easel mode.
[6]	The portable computer of claim 5, wherein the second content orientation is 180 degrees relative to the first orientation.
[7]	The portable computer of claim 3, wherein the plurality of display modes further comprises a flat mode in which the single display component is disposed at an angle of approximately 180 degrees, measured about the single longitudinal axis, relative to the base.
[8a]	The portable computer of claim 7, wherein the plurality of content orientations comprises a first content orientation relative to the single longitudinal axis, a second content orientation relative to the single longitudinal axis, and a third content orientation relative to the single longitudinal axis; and

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[8b]	wherein, in the flat mode, the content displayed on the display screen is configurable among the first, second and third content orientations responsive to a user input.
[9a]	The portable computer of claim 8, wherein the second content orientation is 90 degrees relative to the first content orientation; and
[9b]	wherein the third content orientation is 180 degrees relative to the first content orientation.
[11pre]	A portable computer comprising:
[11a]	a base;
[11b]	a display component rotatably coupled to the base;
[11c]	means for rotating the display component in a single direction relative to the base to configure the portable computer between a laptop mode and an easel mode;
[11d]	a display orientation module configured to automatically orient content displayed on the display component responsive to at least a transition between the laptop mode and the easel mode, wherein the display orientation module is further configured to orient the content displayed between a first display orientation and a second display orientation, the first and second display orientations being 180 degrees relative to each other; and
[11e]	means for detecting an orientation of the base relative to the display component, wherein the means for detecting is further configured to identify the transition between the laptop mode and the easel mode based on a stored threshold orientation.
[12pre]	A portable computer configurable between a plurality of modes including a laptop mode and an easel mode, the portable computer comprising:
[12a]	a single display component;

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[12b]	a base including an integrated keyboard;
[12c1]	a hinge assembly configured to rotatably couple the single display component to the base, wherein the hinge assembly is at least partially housed within the base and the single display component, and
[12c2]	defines a longitudinal axis running along an interface between the single display component and the base;
[12d]	wherein the hinge assembly is configured to permit rotation of the single display component and the base about the longitudinal axis to configure the portable computer between the laptop mode and the easel mode;
[12e]	wherein in the easel mode the single display component is oriented facing the operator with the keyboard oriented away from the operator; and
[12f]	at least one integrated navigation hardware control configured to control features and manipulate content displayed on the portable computer, wherein at least one of the least one integrated navigation hardware control is accessible in each of the plurality of modes including when the keyboard is inaccessible or oriented away from the user.
[13a]	The portable computer of claim 12, wherein the single display component comprises a display screen configured to display content and a display orientation module configured to control an orientation of the content displayed on the display screen;
[13b]	wherein the orientation of the content displayed on the display screen is configurable among a plurality of orientations relative to the longitudinal axis.
[14a]	The portable computer of claim 13, wherein the plurality of orientations comprises a first orientation relative to the longitudinal axis and a second orientation relative to the longitudinal axis; and

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[14b]	wherein when display orientation module is configured to automatically display the content in the first orientation when the portable computer is configured into the laptop mode and in the second orientation when the portable computer is configured into the easel mode.
[15a]	The portable computer of claim 14, wherein the second orientation is 180 degrees relative to the first orientation; and
[15b]	wherein the plurality of orientations further comprises a third orientation relative to the longitudinal axis, the third orientation, wherein the third orientation is 90 degrees relative to the first orientation.
[16a]	The portable computer of claim 13, further comprising a mode sensor configured to provide information representative of a degree of rotation of the single display component relative to the base; and
[16b]	wherein the display orientation module is configured to automatically adjust the orientation of the content displayed on the display screen responsive to the information from the mode sensor.
[17pre]	A method of automatically orienting content in a plurality of display modes displayed on a portable computer comprising a body, the body having a single display component including a display screen and a base including an integrated keyboard, the method comprising:
[17a]	rotating the single display component of the portable computer about a longitudinal axis running along an interface between the single display component and the base of the portable computer;
[17b]	detecting a degree of rotation of the single display component relative to the base;
[17c]	providing a signal representative of the degree of rotation of the single display component;

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