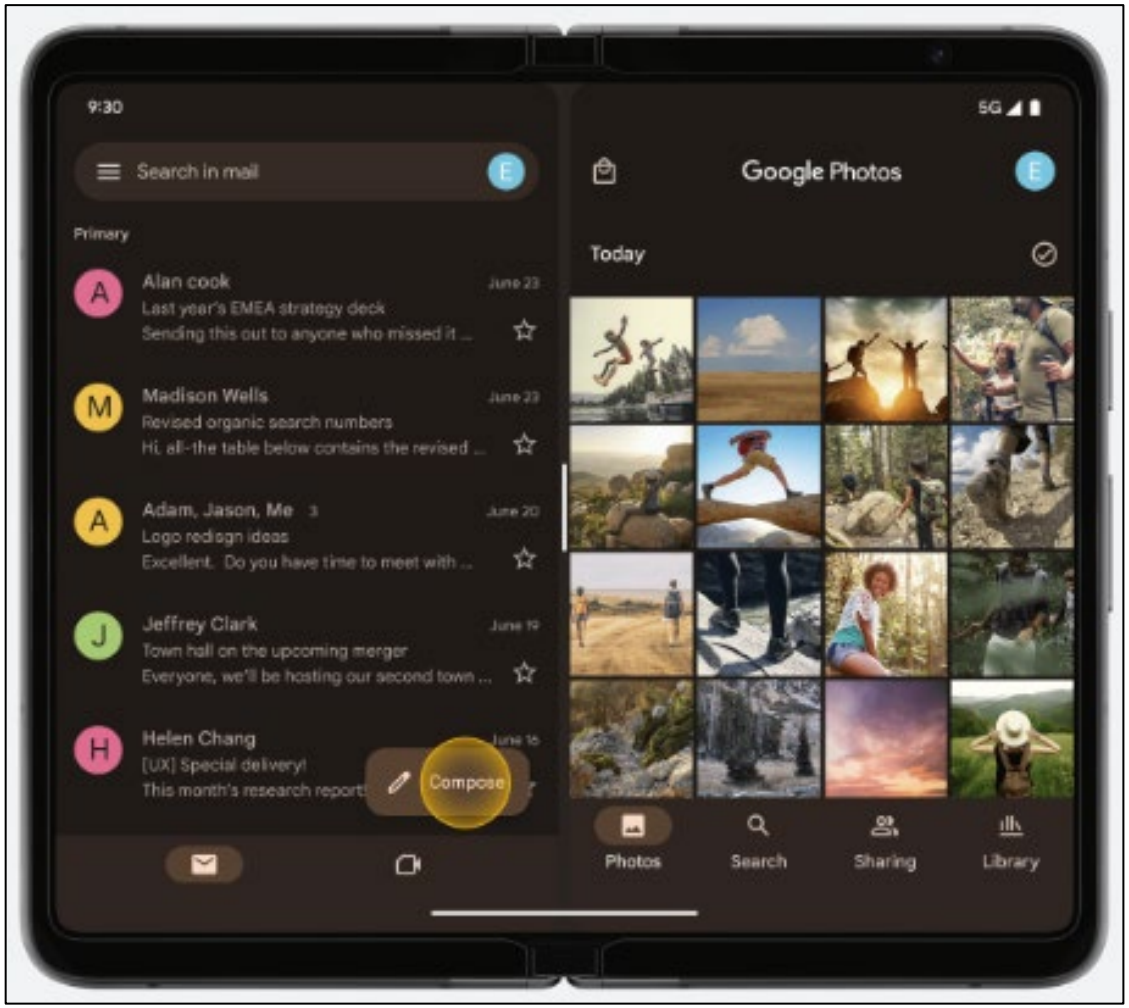
Appendix A-7: Claim Chart for U.S. Patent No. 8,842,080
(Google Pixel Fold)

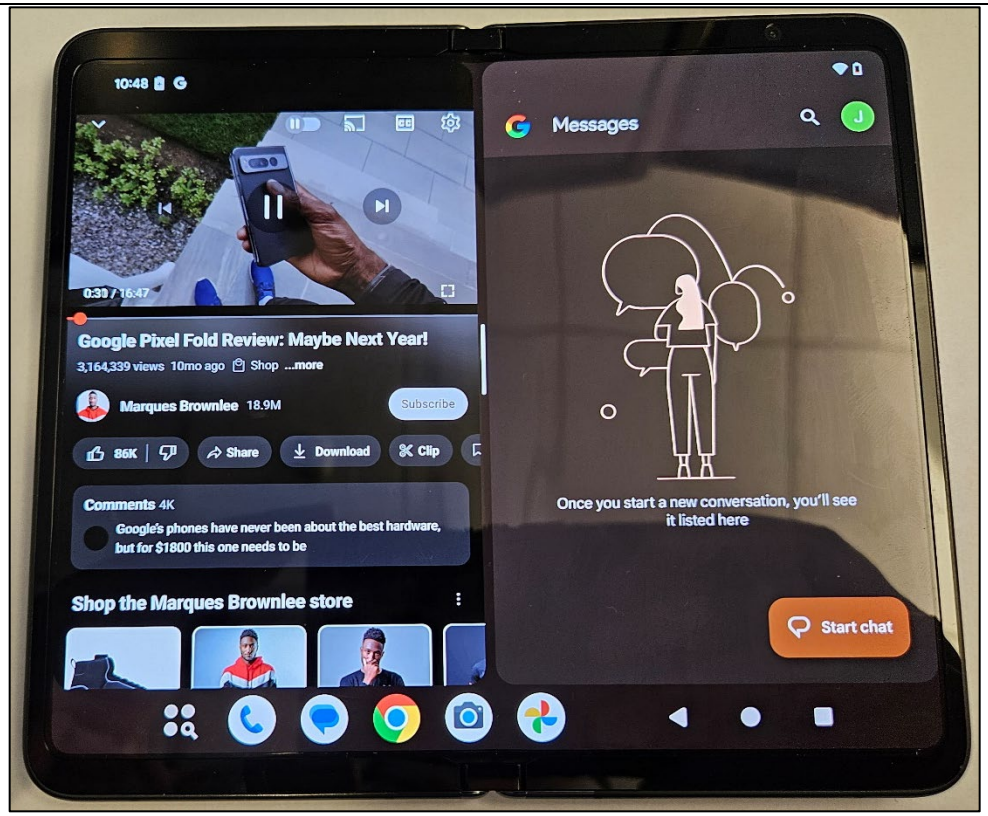
Claim Number	Claim Language	Accused Product (Google Pixel Fold)
1[a]	A method for controlling a handheld computing device including one or more displays, comprising:	To the extent that the claim's preamble is determined to be a limitation or otherwise limiting, the Accused Product is capable of controlling the display of applications on the device as well as the modification of the display of those applications. For example, the Accused Product include a processor that can execute instructions to result in the display of applications on the device.  (*See* https://store.google.com/us/product/pixel_fold_specs?hl=en-US)



(*See* Google Pixel Fold, Use split screen on your Pixel Fold, https://guidebooks.google.com/pixel-fold/optimize-your-life/how-to-use-split-screen)

1[b]	displaying a first screen of an application in a first display condition;	The Accused Product is capable of displaying a first screen of an application in a particular display condition. For example, the Accused Product is capable of displaying a first screen of an application (*e.g.*, the YouTube application) on only a portion of a first of two displays, as shown in the exemplary image below:[1]

[1] Multifold identifies where each element of each asserted claim is found within the Accused Product by way of exemplary features of and methods of using the Accused Product that illustrate the infringing functionality or method of use. For example, the application(s) discussed herein are exemplary, and on information and belief, other applications with similar interfaces would also infringe for substantially the same reasons as set forth herein. Multifold does not contend that the examples set forth herein are the only instance of the infringing feature and/or use of the Accused Product, and Multifold reserves the right to rely on such other applications, features of, and methods of using the Accused Product, and on other facts adduced through discovery, in proving its case at trial. Additionally, some of the claim elements herein may be software limitations. Furthermore, these initial claim charts are provided based on information reasonably available to Multifold at this time. Accordingly, Multifold reserves the right to amend and/or supplement this claim chart to the full extent consistent with this Court's procedures, the Local Rules of this Court, and any other applicable rules, including after a complete production of the source code and other internal documentation for the Accused Product.

		 As another example, the Accused Product is capable of displaying a first screen of an application (*e.g.*, the YouTube application) on a first display with a second screen of the application on a second display, as shown in the exemplary image below:

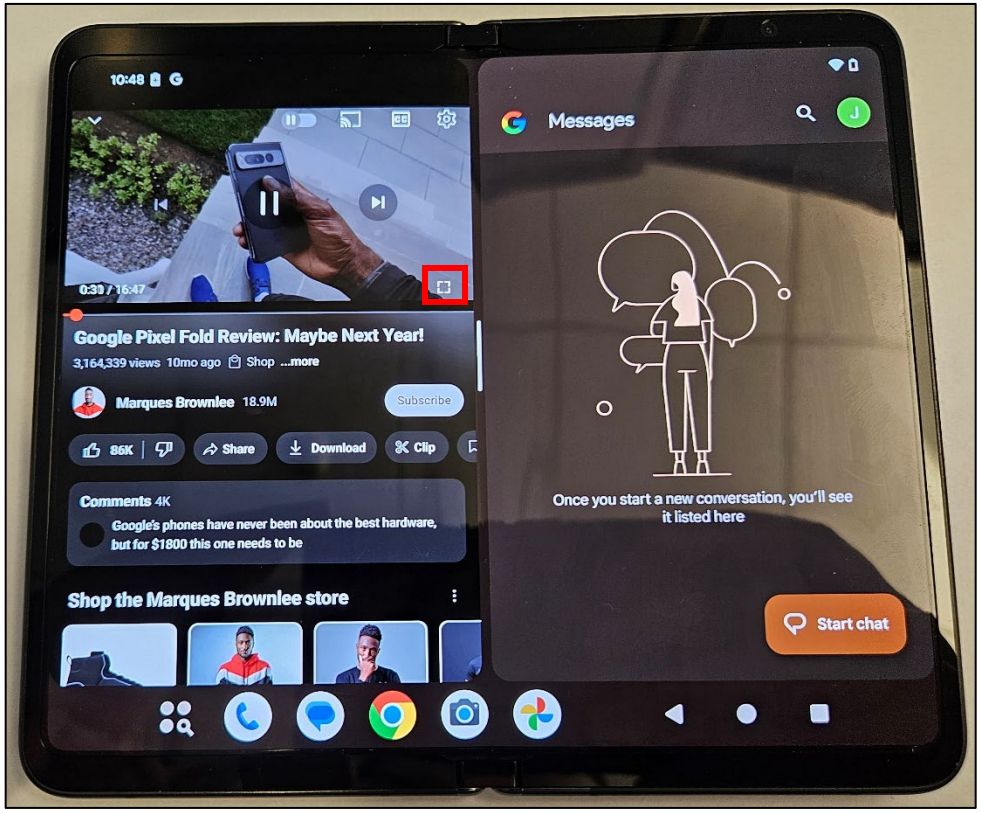
		 As another example, the Accused Product is capable of displaying a first screen of an application (*e.g.*, the YouTube application) on both a first and second display, as shown in the exemplary image below:

		 As another example, the Accused Product is capable of displaying a first screen of an application (*e.g.*, the YouTube application) in a pop-up window, as shown in the exemplary image below:

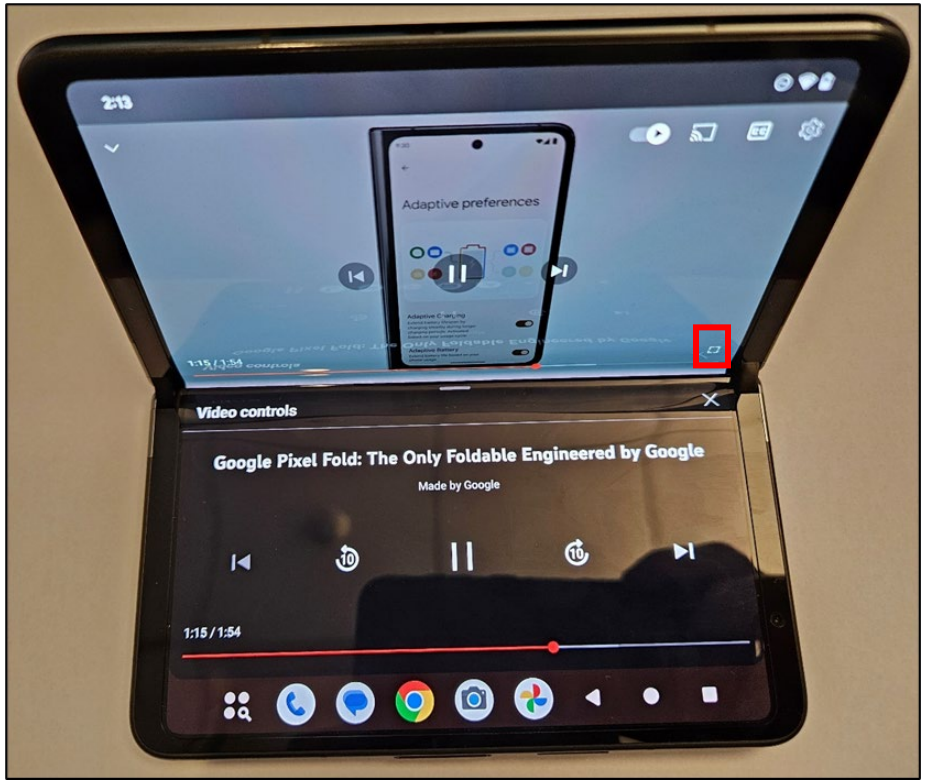


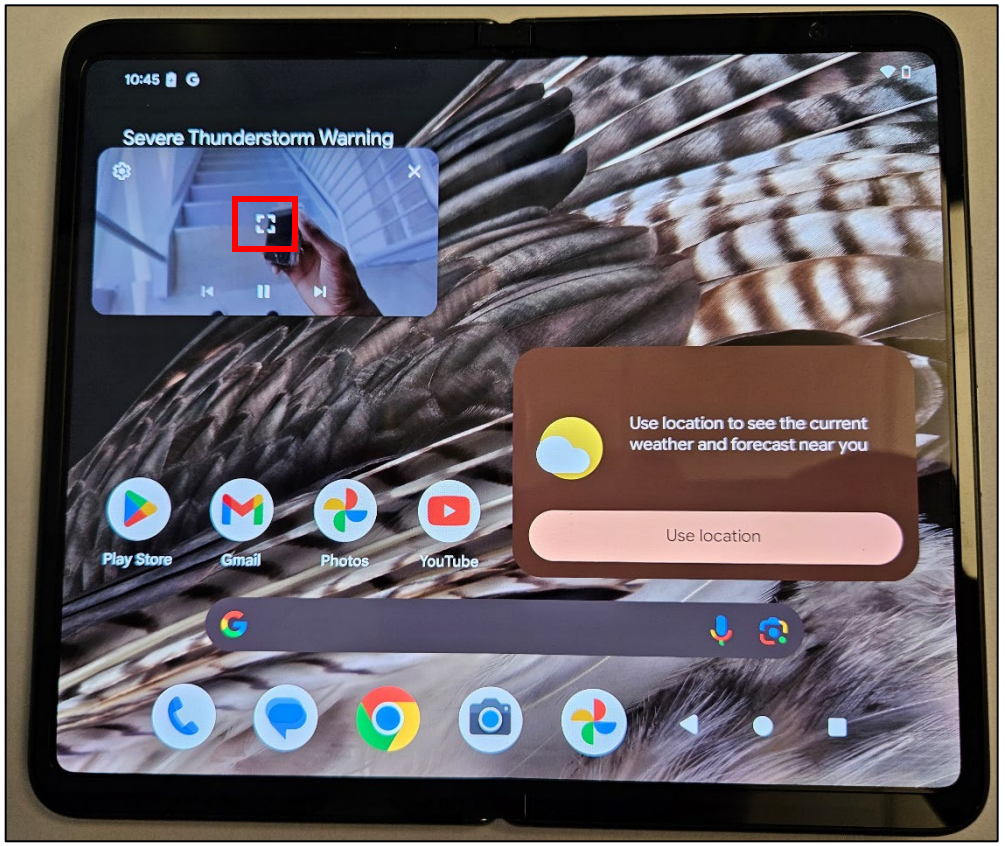
As another example, the Accused Product is capable of displaying a first screen of an application (*e.g.*, the YouTube application) in a freeform window, as shown in the exemplary image below:

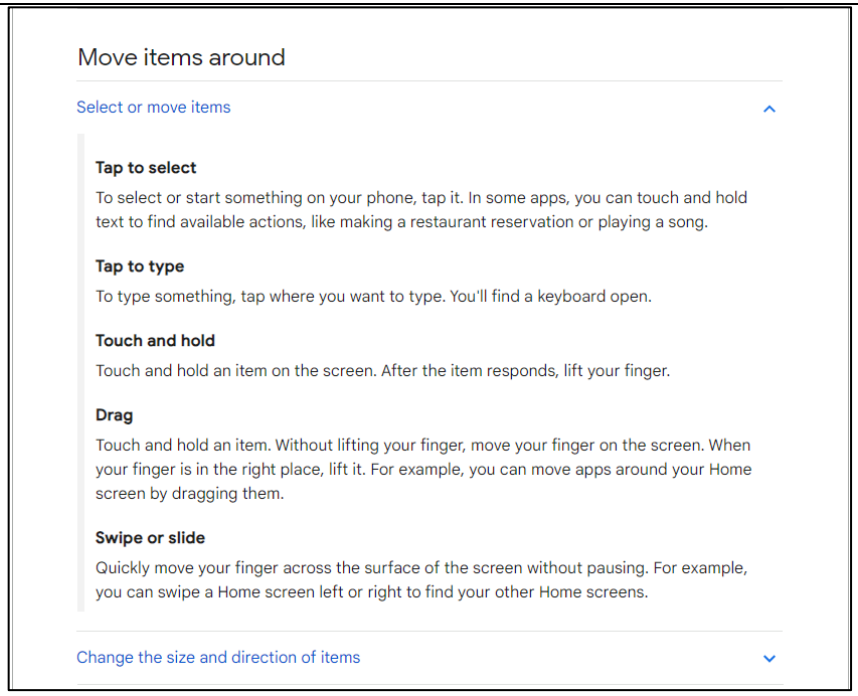
		11:10 76° 0:13 / 16:47 Use location to see the current weather and forecast near you Use location Play Store Gmail Photos YouTube

1[c]	displaying an icon with the first screen of the application, wherein the icon indicates that the application is in a first state corresponding to the first display condition;	The Accused Product is capable of displaying, with a screen of an application, an icon that indicates that the application is in a particular state that corresponds to the first display condition. For example, the Accused Product is capable of displaying an icon that indicates that an application (*e.g.*, the YouTube application) is open and displaying a first screen of the application on only a portion of a first of two displays, and thus, among other things, can be expanded to the entirety of the first of two displays, as shown in the exemplary image below: 

		As another example, the Accused Product is capable of displaying an icon that indicates that an application (*e.g.*, the YouTube application) is open and being displayed in a freeform window and thus, among other things, can be expanded to both displays, as shown in the exemplary image below: 

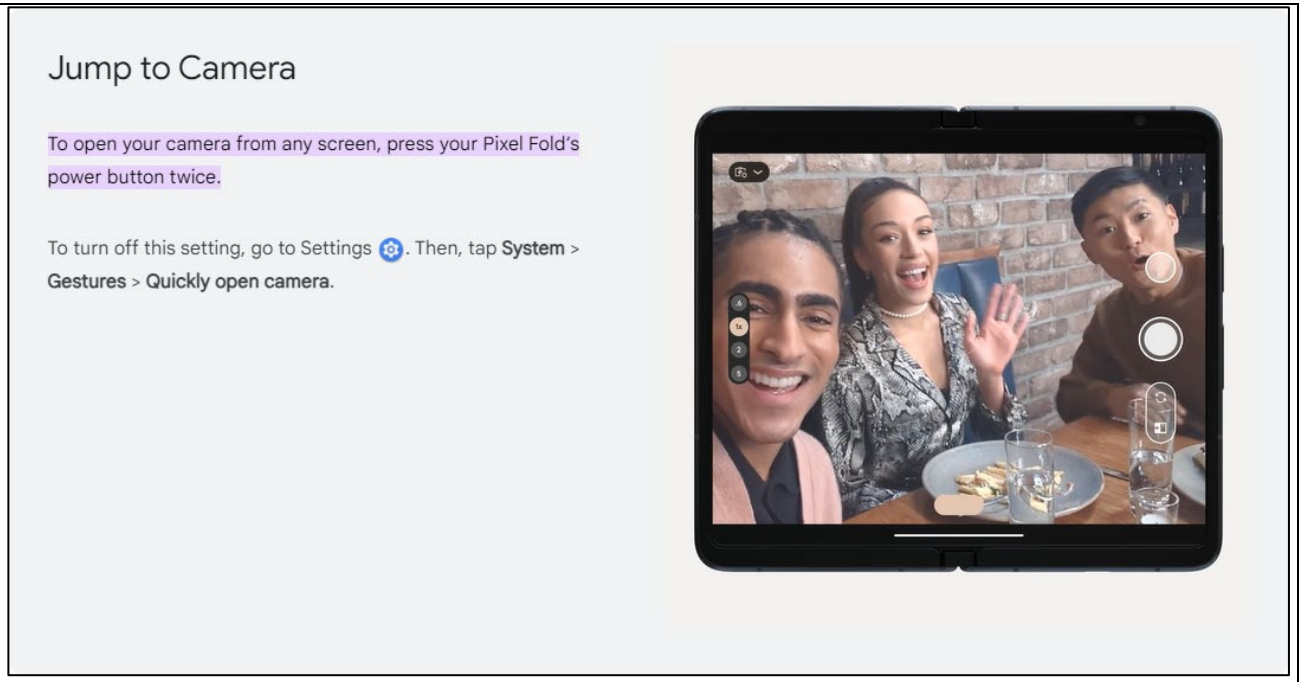
		As another example, the Accused Product is capable of displaying an icon that indicates that an application (*e.g.*, the YouTube application) is open and displaying a first screen of the application on a first display with a second screen of the application on a second display and thus, among other things, the first screen can be expanded to both displays, as shown in the exemplary image below: 

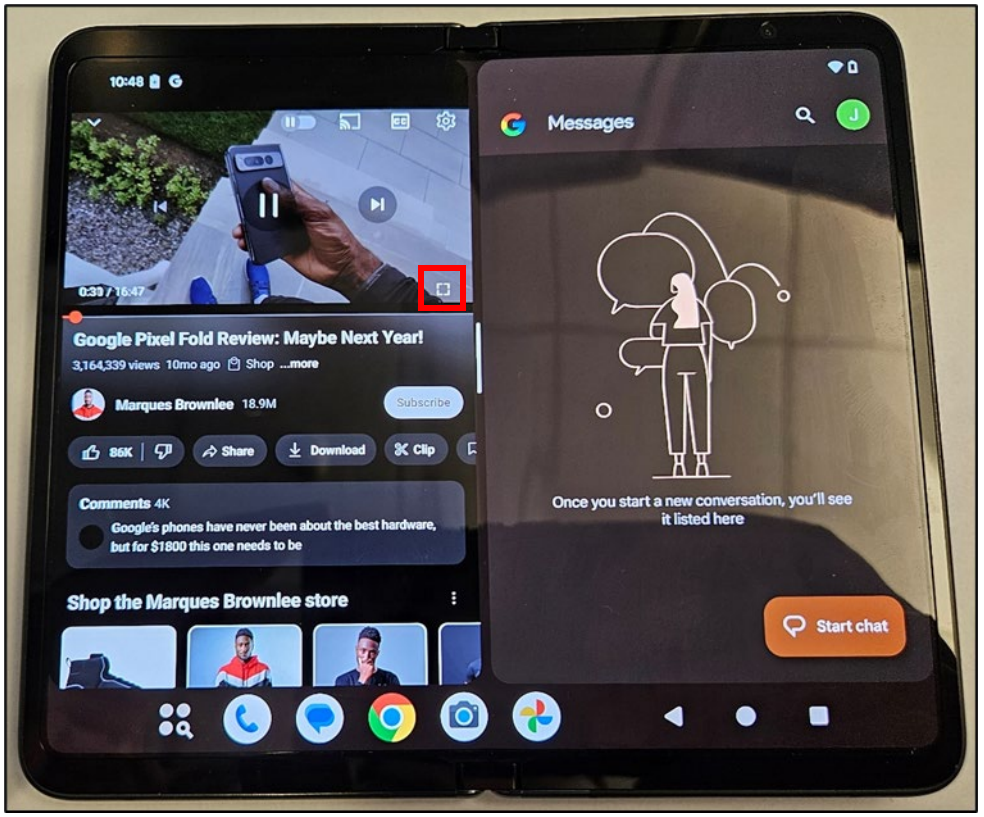
		As another example, the Accused Product is capable of displaying an icon that indicates that an application (*e.g.*, the YouTube application) is open and being displayed in a pop-up window and thus, among other things, can be expanded to both displays, as shown in the exemplary image below: 
1[d]	receiving a gesture input at a gesture sensor;	The Accused Product is capable of receiving a gesture input at a gesture sensor on the device. For example, the Accused Product can receive input from a user interacting with the touch-sensitive displays on the device.

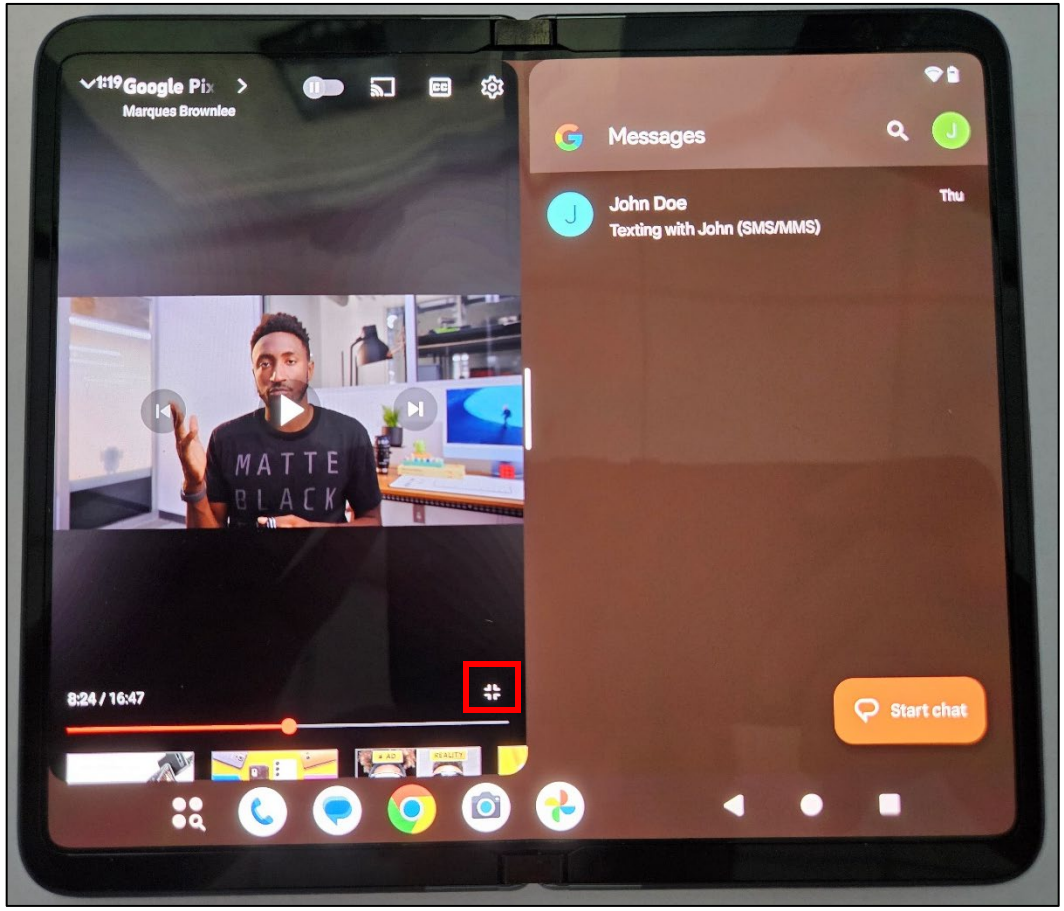


(*See* https://support.google.com/pixelphone/answer/6073614?hl=en#zippy=%2Cselect-or-move-items)

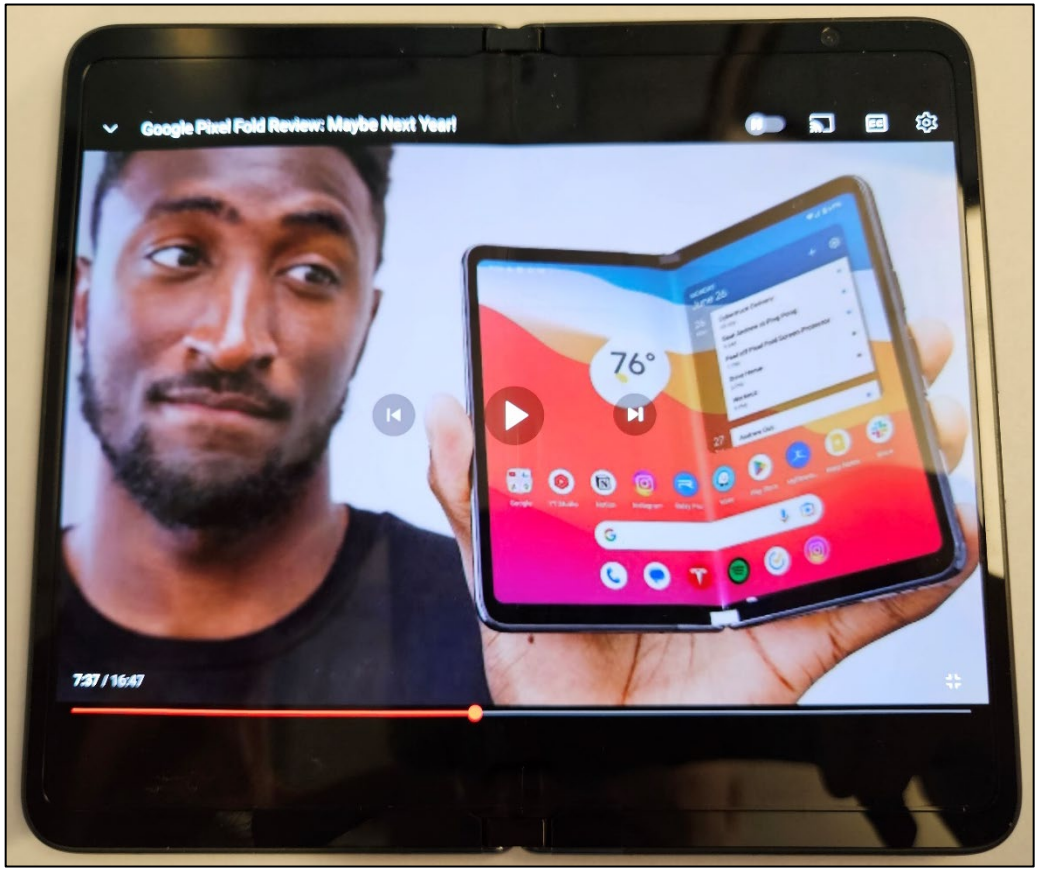
As another example, the Accused Product is capable of receiving input from a user interacting with the "power button" on the device.

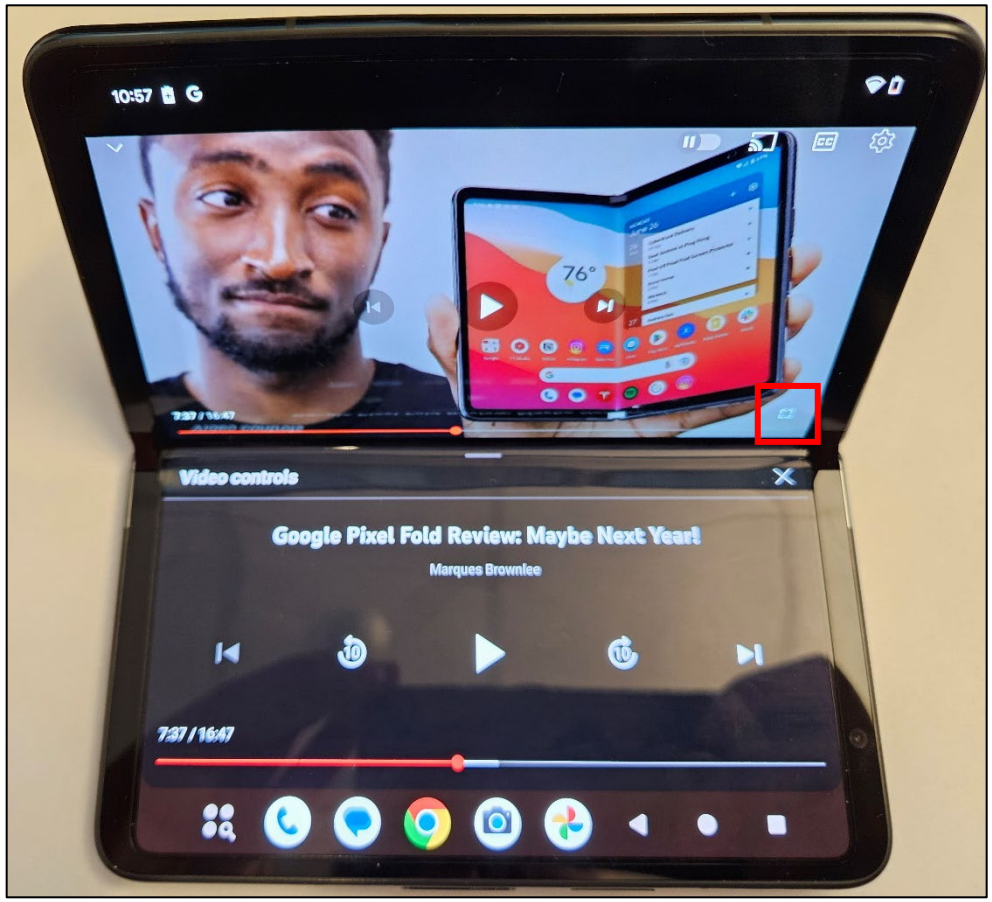
		 (*See* https://guidebooks.google.com/pixel-fold/camera-tips/quick-camera-access?hl=en)
1[e]	modifying the manner in which the application is displayed in response to the receiving step;	The Accused Product is capable of modifying how an application is displayed in response to receiving a gesture input from a user. For example, in response to a user interacting with an icon on the display (*see* claim limitation 1[c]), the Accused Product is capable of switching from displaying a first screen of an application (*e.g.*, the YouTube application) on only a portion of a first of two displays to displaying the first screen on the entirety of the first of two displays (and vice versa), as shown in the exemplary images below:

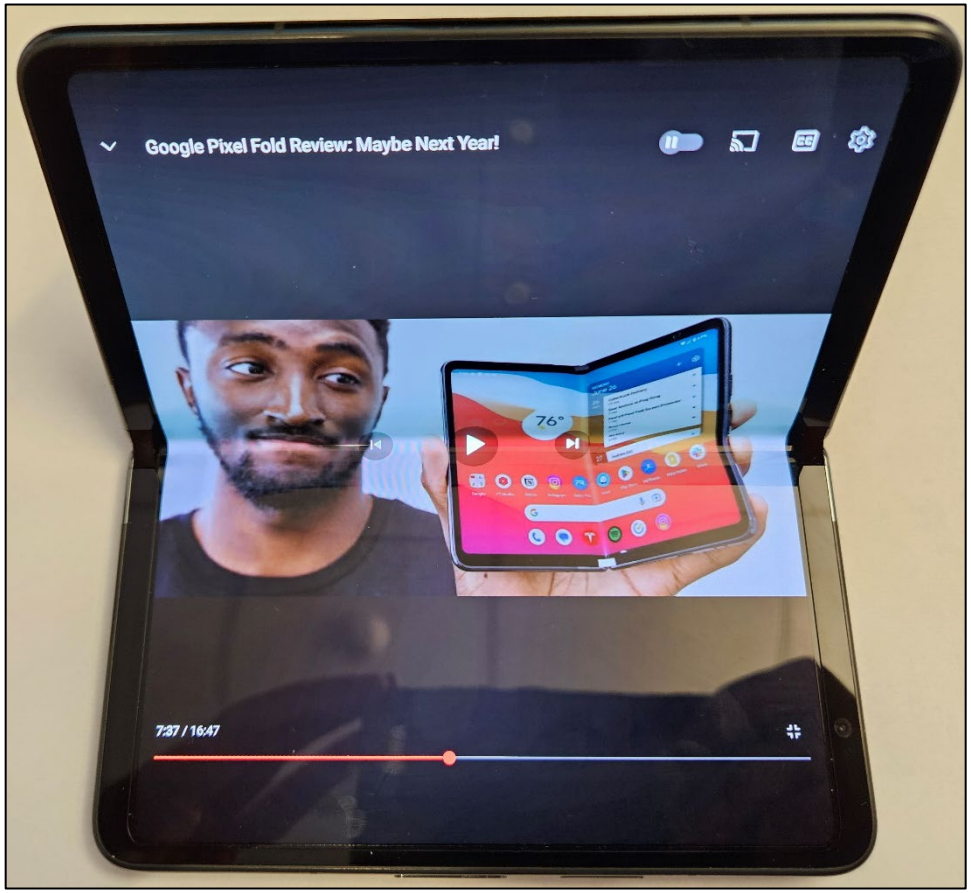
		Before User Input: 

		After User Input:  As another example, in response to a user interacting with an icon on the display (*see* claim limitation 1[c]), the Accused Product is capable of switching from displaying an application (*e.g.*, the YouTube application) in a freeform window to displaying the application on both the first and second displays, as shown in the exemplary images below:

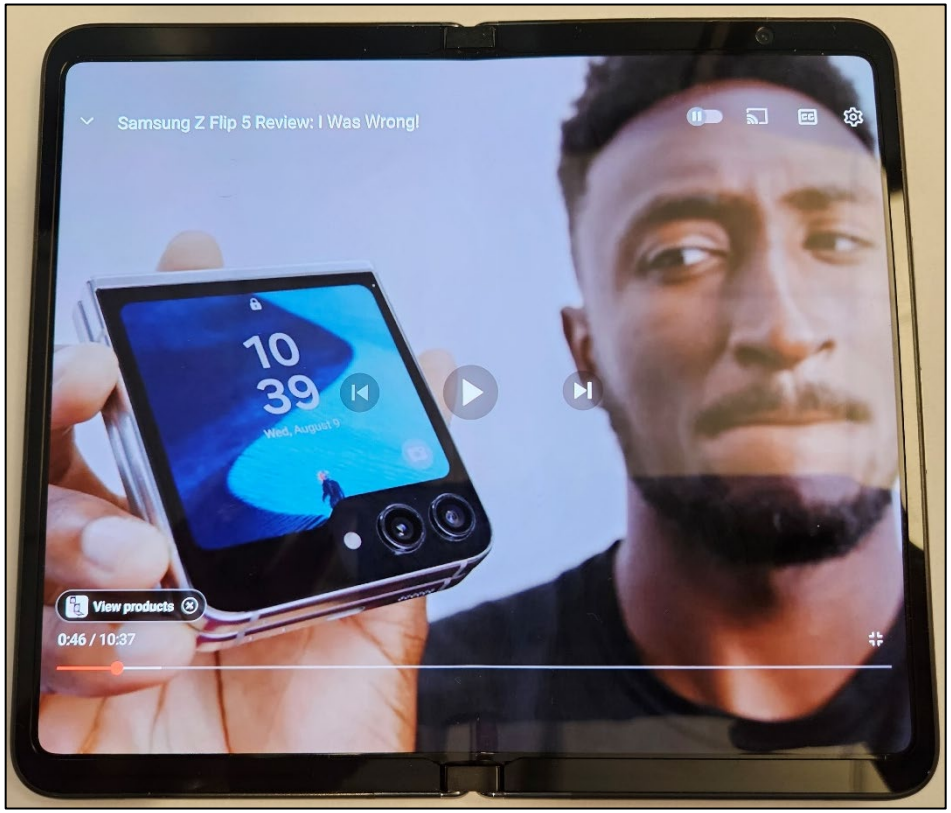
		Before User Input: 

		After User Input:  As another example, in response to a user interacting with an icon on the display (*see* claim limitation 1[c]), the Accused Product is capable of switching from displaying a first screen of an application (*e.g.*, the YouTube application) on a first display with a second screen on a second

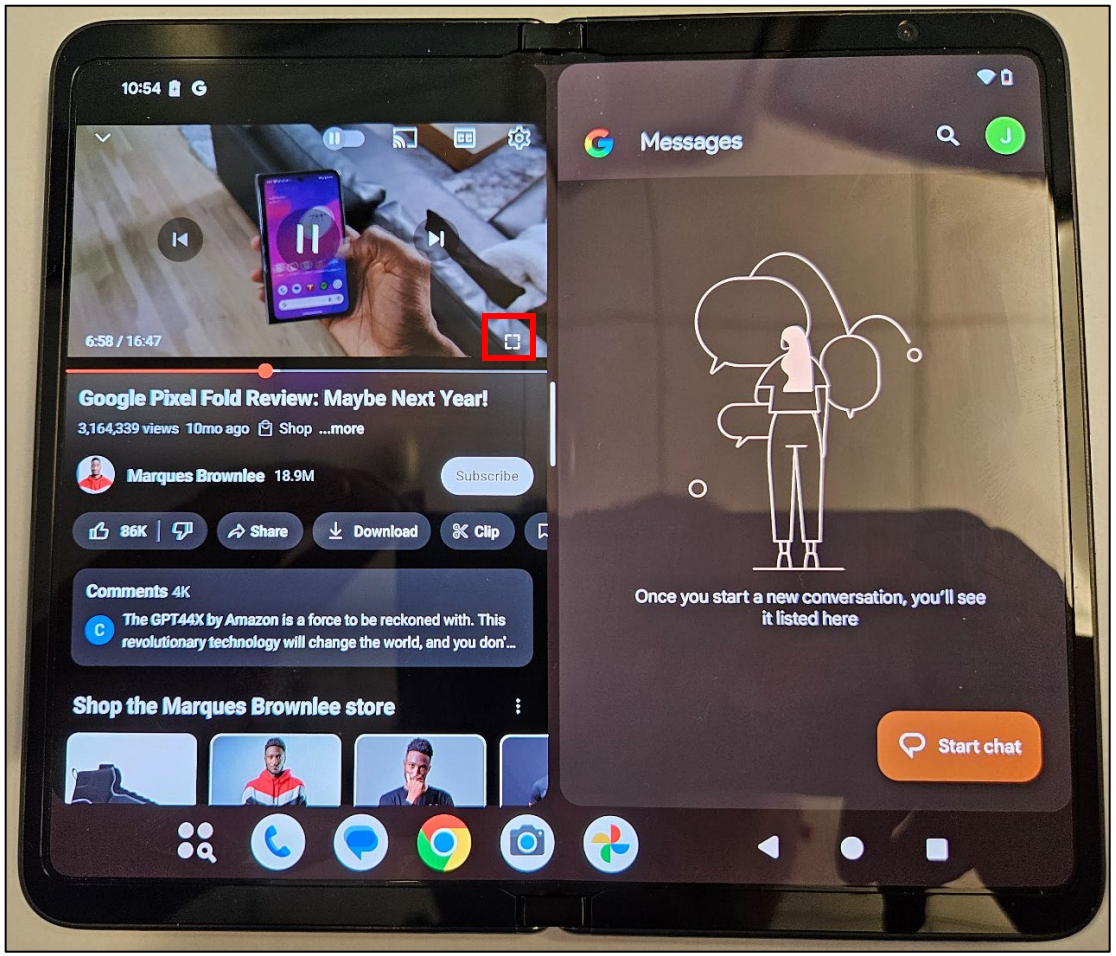
		display to displaying the first screen on both the first and second displays (and vice versa), as shown in the exemplary images below: **Before User Input:** 

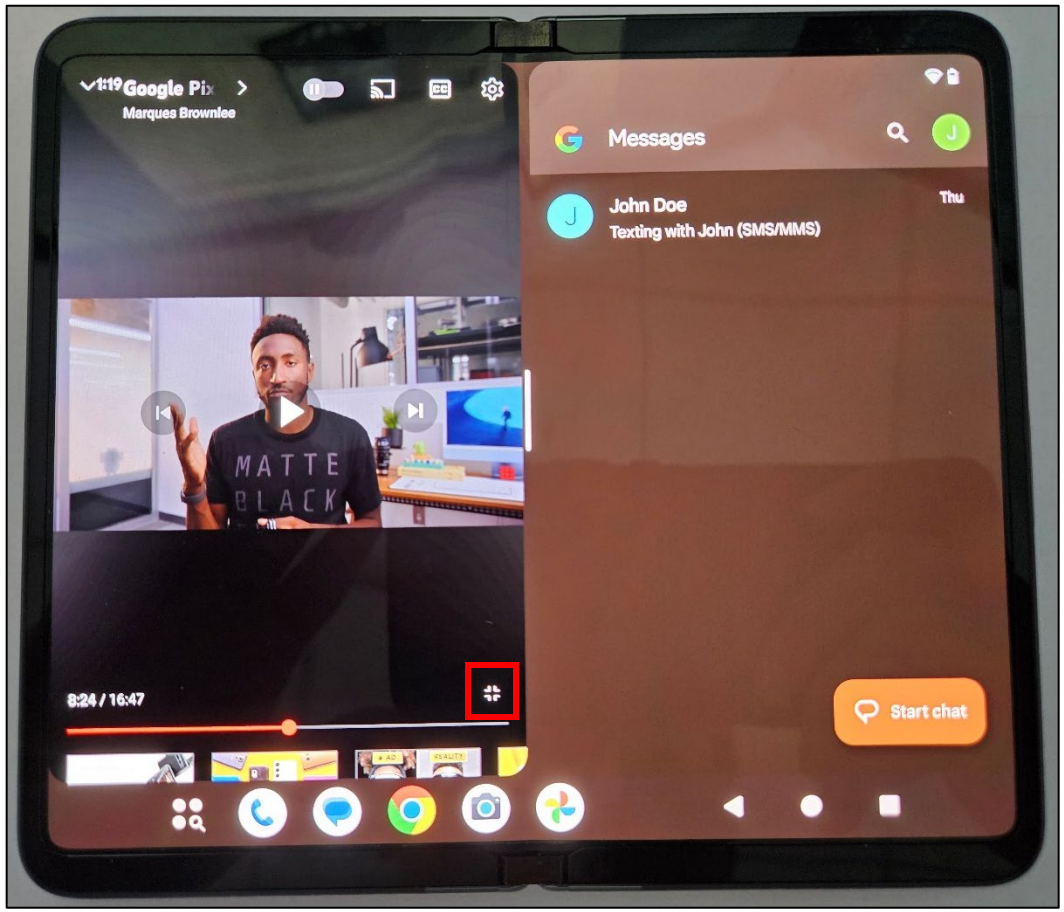
		After User Input:  As another example, in response to a user interacting with an icon on the display (*see* claim limitation 1[c]), the Accused Product is capable of switching from displaying an application (e.g., the YouTube application) in a pop-up window to displaying the application on both the first and second displays, as shown in the exemplary images below:

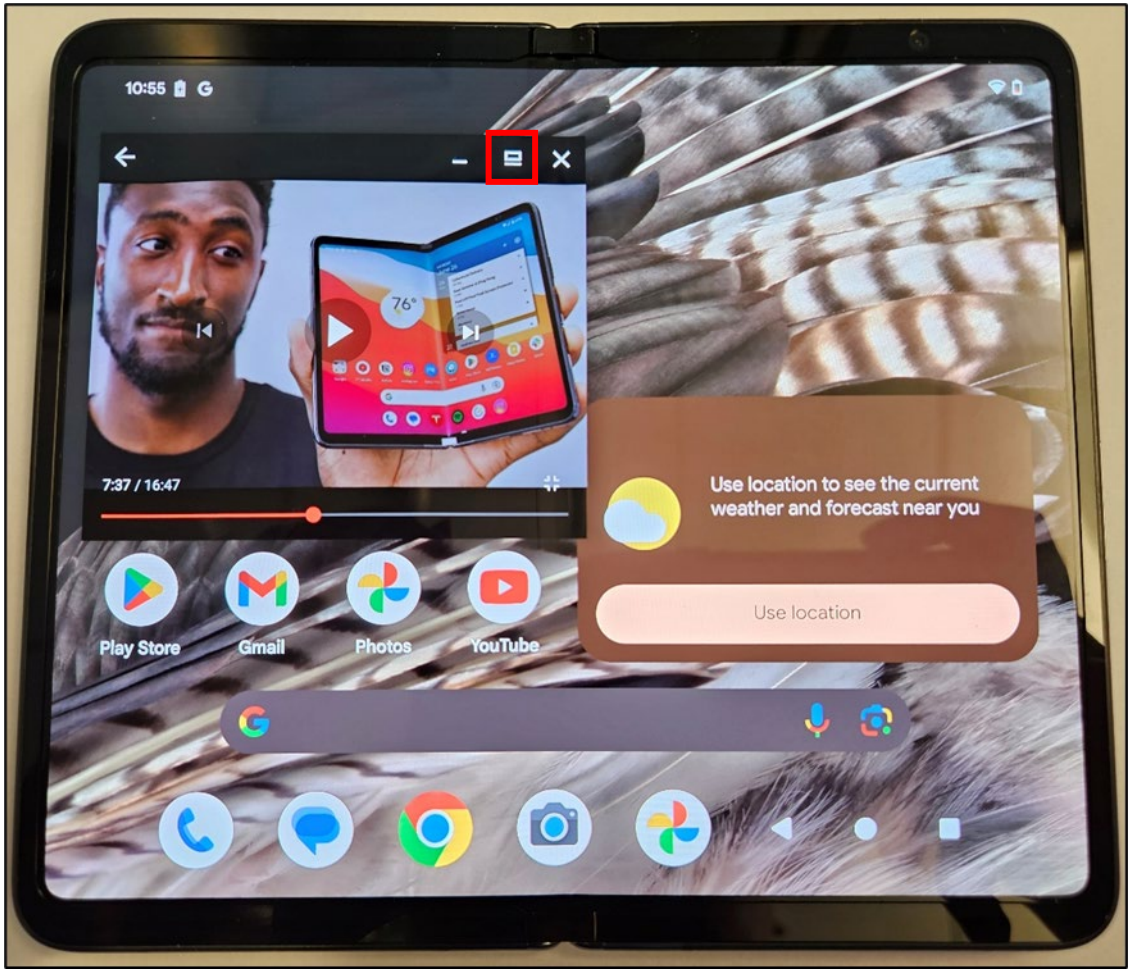
		Before User Input: 

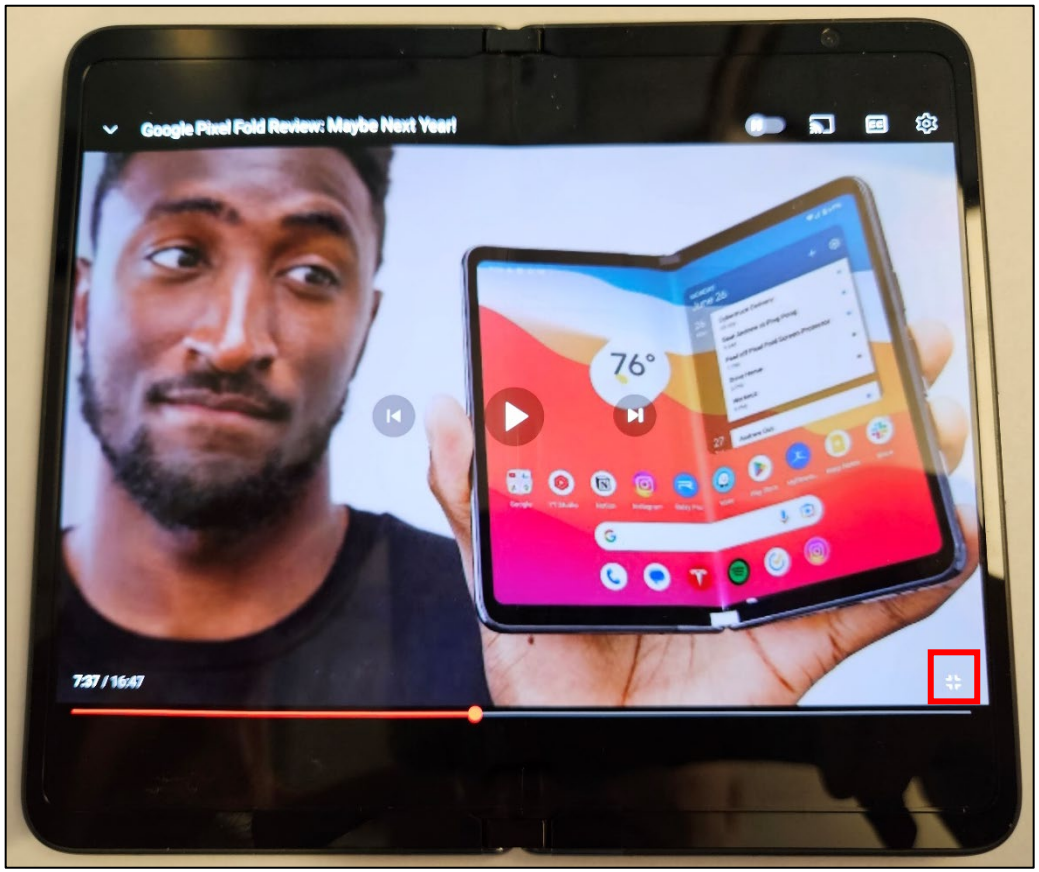
		After User Input: 

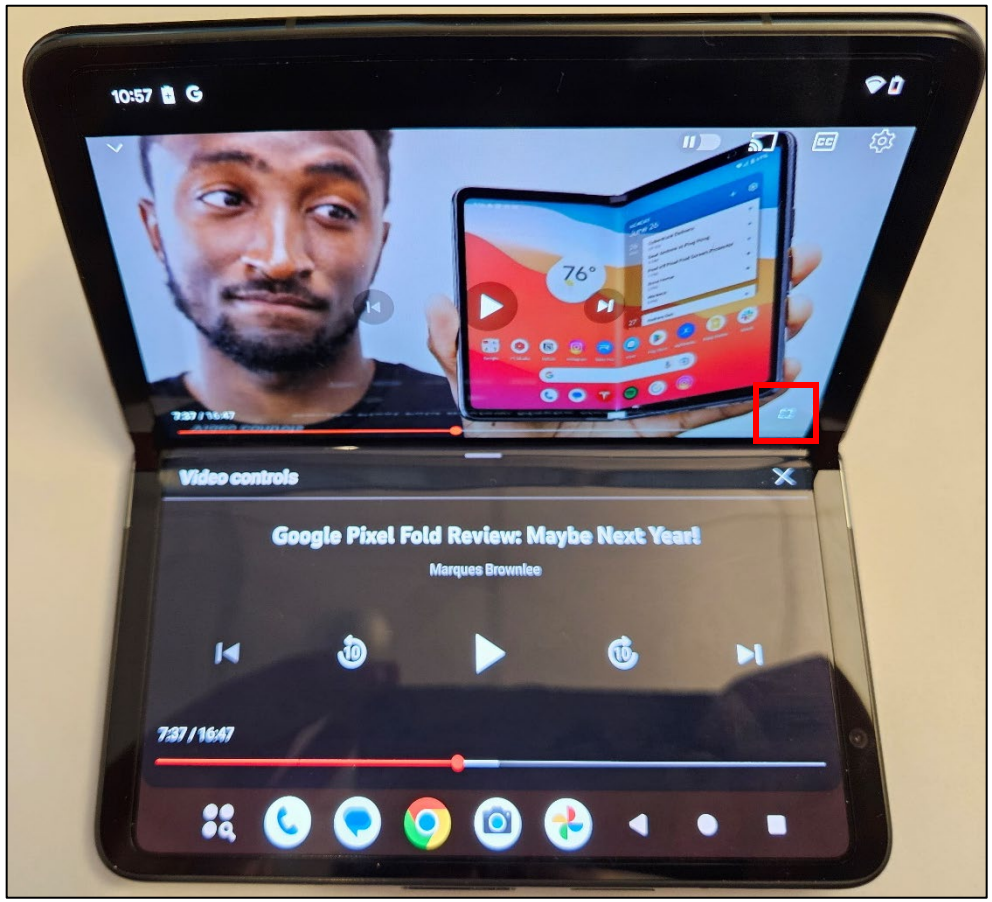
1[f]	changing the application to a second display condition; and	The Accused Product is capable of changing an application to a second display condition that is different from the first display condition. For example, if an application is in a first display condition (*e.g.*, a first screen displayed on a first display with a second screen displayed on a second display, a first screen displayed on both a first and second display, pop-up window display, or displayed in a freeform window), the Accused Product is capable of changing the application to another one of those exemplary display conditions. (*See* claim limitations 1[b], 1[e])
1[g]	morphing the icon to indicate that the application is in a second state corresponding to a second display condition the morphing comprising changing the shape and size of the icon;	The Accused Product is capable of changing the shape and size of the icon displayed with an application when the application is changed to a second display condition. This change in the shape and size of the icon indicates that the application is in a different state corresponding to a different display condition. For example, after an application (*e.g.*, the YouTube application) is modified from displaying a first screen of the application on only a portion of a first of two displays to displaying on the entirety of the first of two displays (and vice versa) (*see* claim limitation 1[e]), the icon changes in shape and size to indicate this modification, as shown in the exemplary images below:

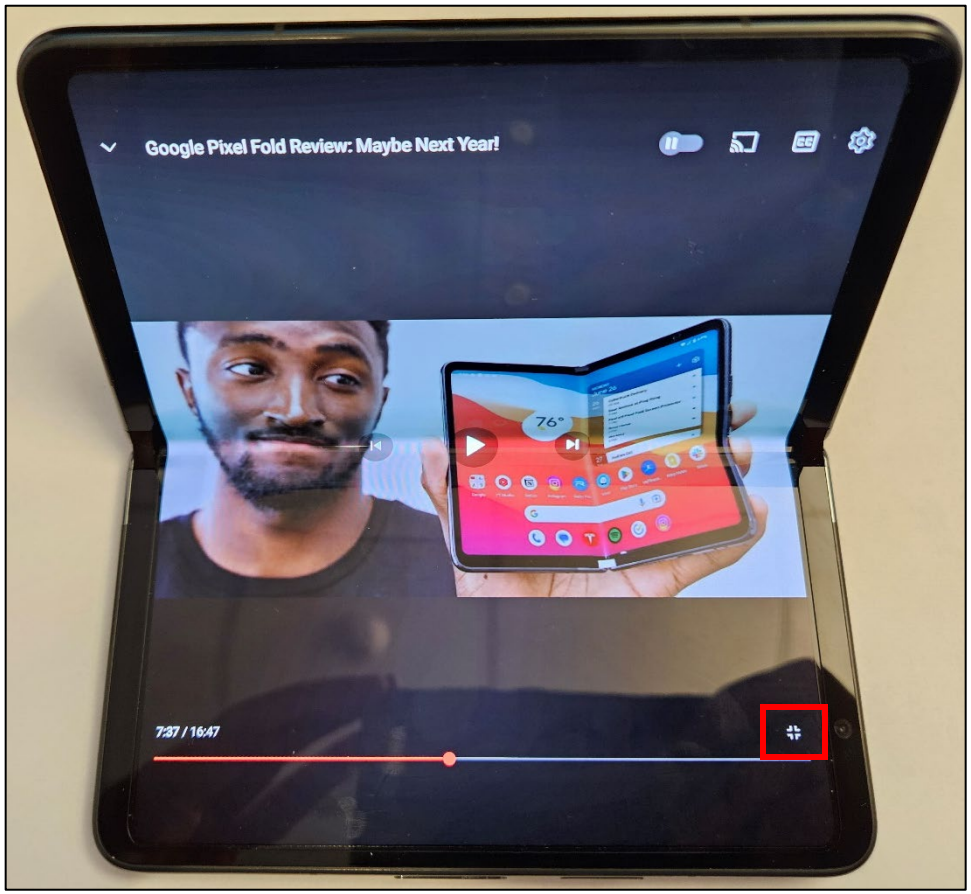
		Icon Prior to Modification: 

		Icon After Modification:  As another example, after an application (*e.g.*, the YouTube application) is modified from displaying in a freeform window to displaying on both the first and second displays (*see* claim limitation 1[e]), the icon changes in shape and size to indicate this modification, as shown in the exemplary images below:

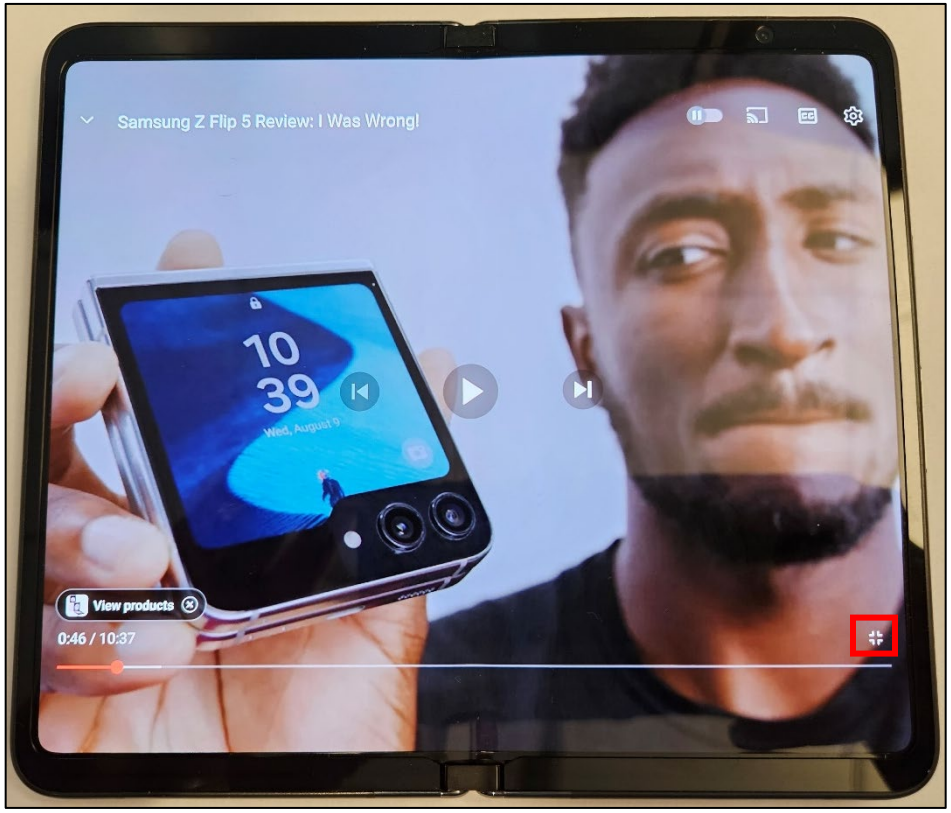
		Icon Prior to Modification: 

		Icon After Modification:  As another example, after an application (*e.g.*, the YouTube application) is modified from displaying a first screen of the application on a first display with a second screen on a second display to displaying the first screen on both displays (and vice versa) (*see* claim limitation 1[e]), the icon changes in shape and size to indicate this modification, as shown in the exemplary images below:

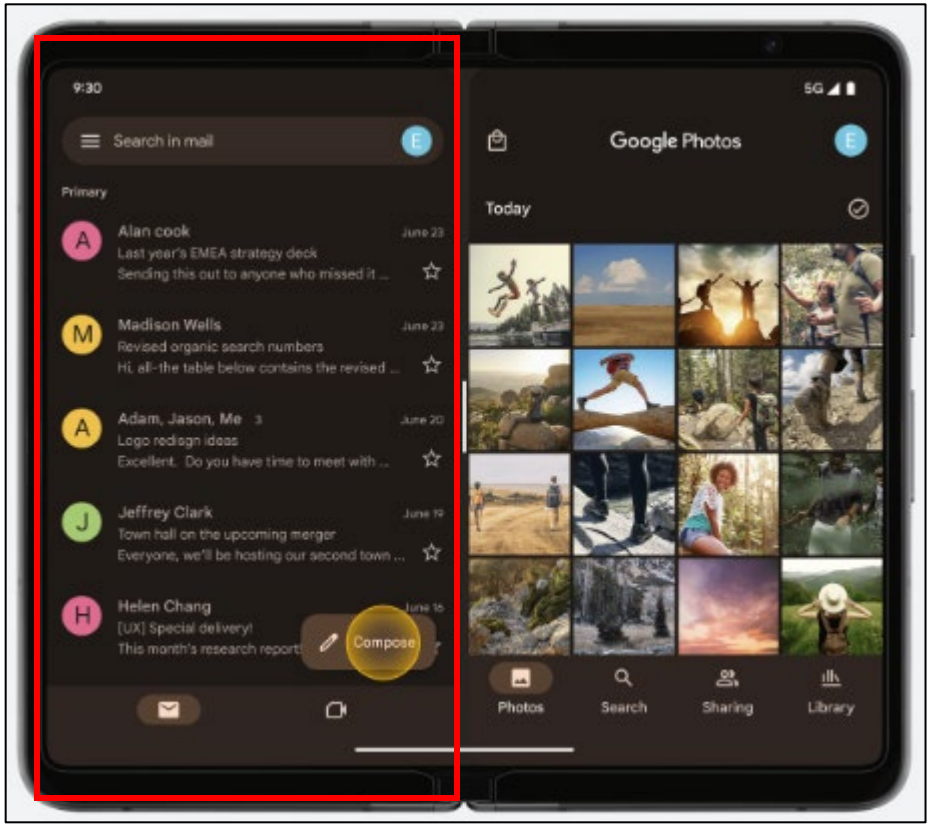
		Icon Prior to Modification: 

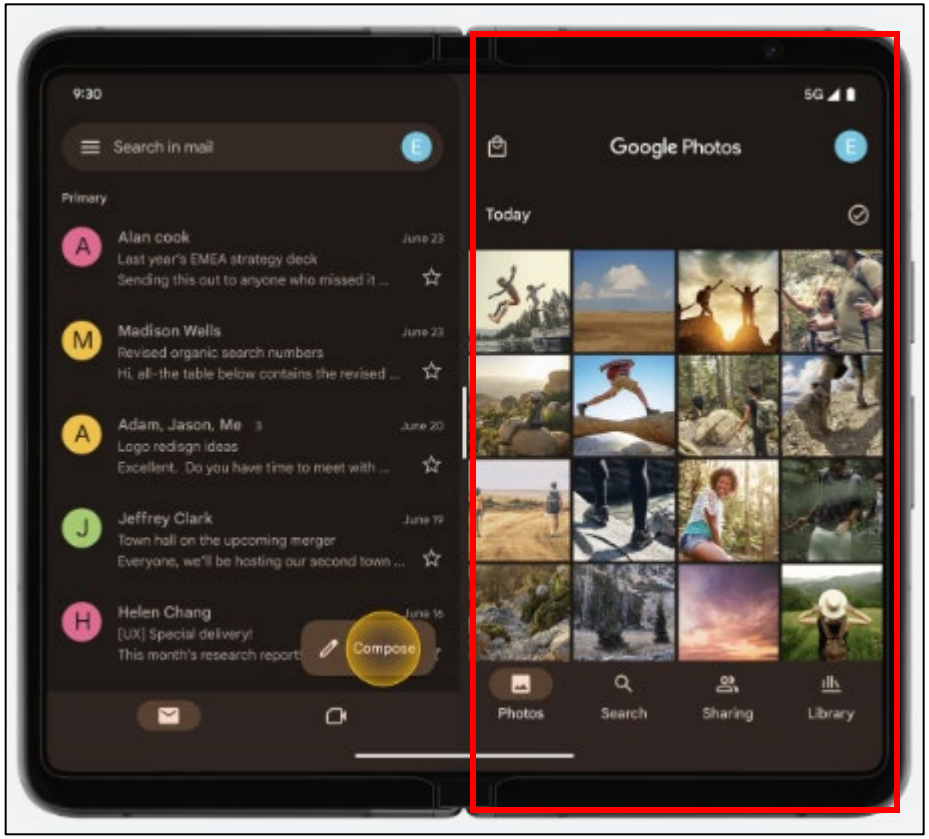
		Icon After Modification:  As another example, after an application (*e.g.*, the YouTube application) is modified from displaying in a pop-up window to displaying on both the first and second displays (*see* claim limitation 1[e]), the icon changes in shape and size to indicate this modification, as shown in the exemplary images below:

		Icon Prior to Modification: 

		Icon After Modification:  To the extent this limitation is not literally met by the Accused Product, the morphing of the icon in the Accused Product is insubstantially different from, and equivalent to, the claimed morphing comprising changing the shape and size of the icon. The claimed morphing and the morphing in the

		Accused Product perform substantially the same function (*i.e.*, indicating that the associated application has changed to a different state and display condition), in substantially the same way (*i.e.*, by modifying the visual characteristics of the icon after the associated application has changed to a different state and display condition), to achieve substantially the same result (*i.e.*, the display of an icon with visual characteristics that are distinct from those of the icon displayed prior to the change in the associated application's state and display condition).
1[h]	wherein the first and the second states comprise an open application state.	As shown above, in the foregoing steps, which involve displaying an application (and screens thereof), displaying an icon with the application, receiving user input, modifying the display of the application in response to the user input, and morphing the icon, the application is open. (*See* claim limitations 1[b], 1[c], 1[e], 1[f], 1[g])
12[a]	A handheld computing device, comprising:	To the extent that the claim's preamble is determined to be a limitation or otherwise limiting, the Accused Product is a handheld computing devices. The Accused Product is a smartphone capable of, among other things, receiving user inputs and executing actions based on those inputs (*e.g.*, opening applications). (*See* https://store.google.com/us/product/pixel_fold?hl=en-US)
12[b]	a processor;	The Accused Product has a processor.  (*See* https://store.google.com/us/product/pixel_fold_specs?hl=en-US)

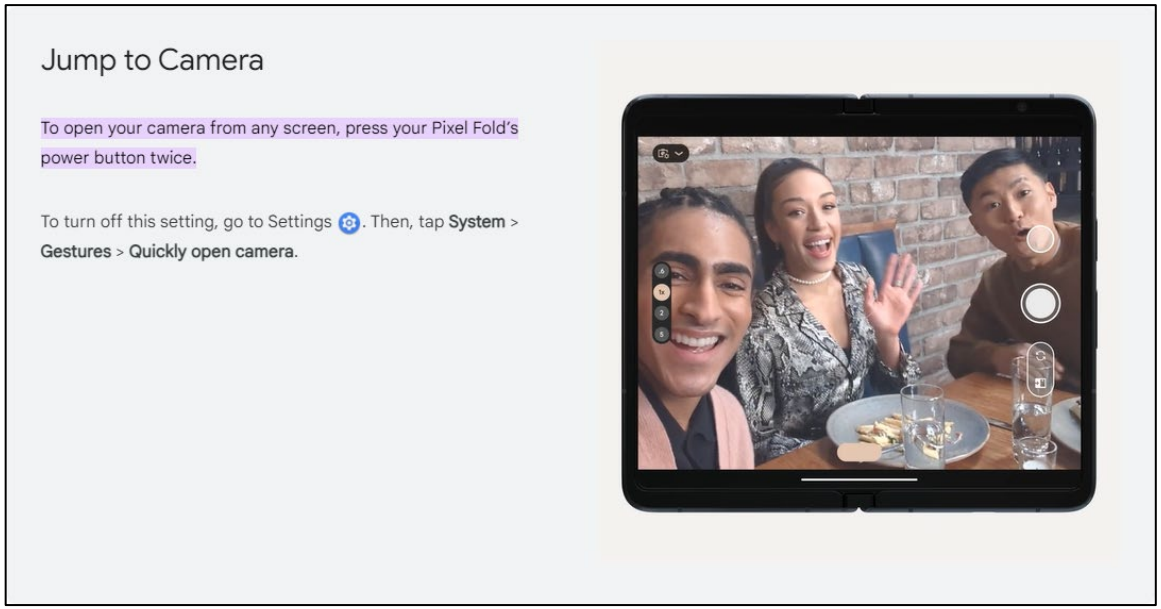
12[c]	a first display operable to display a first screen, the first display being in operative communication with the processor;	The Accused Product has a first display that can display a first screen (*e.g.*, of an application) and that is in operative communication with the processor. For example, the processor of the Accused Product can execute instructions that result in the display of applications on the first display of the device, as show in the exemplary image below:  (*See* Google Pixel Fold, Use split screen on your Pixel Fold, https://guidebooks.google.com/pixel-fold/optimize-your-life/how-to-use-split-screen)

12[d]	a second display operable to display a second screen, the second display being in operative communication with the processor;	The Accused Product has a second display that can display a second screen (*e.g.*, of an application) and that is in operative communication with the processor. For example, the processor of the Accused Product can execute instructions that result in the display of applications on the second display of the device, as shown in the exemplary image below:  (*See* Google Pixel Fold, Use split screen on your Pixel Fold, https://guidebooks.google.com/pixel-fold/optimize-your-life/how-to-use-split-screen)

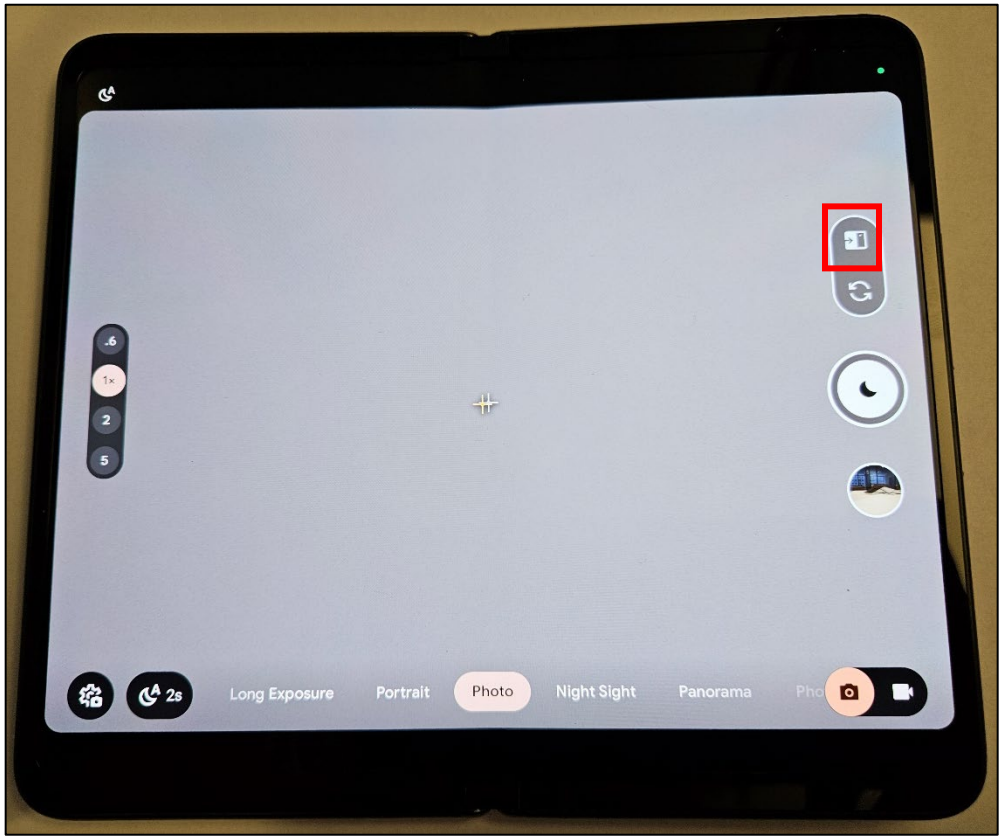
		Additionally, the Accused Product has a display on the outside of the device:  To the extent this limitation requiring a second display is not literally met by the Accused Product, the Accused Product's structures are insubstantially different from, and equivalent to, this limitation. The Accused Product has two distinct halves connected by a hinge, each half capable of being oriented in a particular manner with respect to the other, and each half including a distinct

		metal sheet that supports the overlying flexible screen. *See, e.g.*, https://www.youtube.com/watch?v=NDo2_4Zhx4o at 5:52-6:08. Because each distinct half can be positioned and moved relative to the other, the Accused Product can be manipulated into different configurations that allow users to interact with the device in different modes that, for example, allow viewing content on the device in different ways (*e.g.*, viewing two applications side-by-side in "split screen view"). Thus, to the extent they do not literally infringe this limitation, the Accused Product's two separate halves perform substantially the same function (*i.e.*, allowing the device to be placed into multiple different physical configurations including, *e.g.*, positioning the two halves adjacent to one another to form a larger display area or positioning the two halves orthogonally to one another to form distinct physical interfaces), in substantially the same way (*i.e.*, by having two separate halves that are connected and that can be positioned and oriented relative to one another, and using that reconfiguration itself as an input to control the user interface), to achieve substantially the same result (*i.e.*, enabling different modes and manners of user interaction with the device including, *e.g.*, a larger effective display area or differentiated user interface) as the claimed displays. This is especially true in the context of the claim, where the two halves enable presentation of content from the device over a particular half of the device that may be oriented in different ways with respect to the other half, creating an additional area to present content from the device, with that presentation being dependent on the configuration of the two halves with respect to one another.
12[e]	at least one gesture sensor, separate from the first display and the second display, and operable to receive a gesture input;	The Accused Product has a gesture sensor separate from both the first and second displays, which can receive input from a user. For example, the Accused Product has a "power button," separate from the displays, which a user can interact with to provide input to the device.

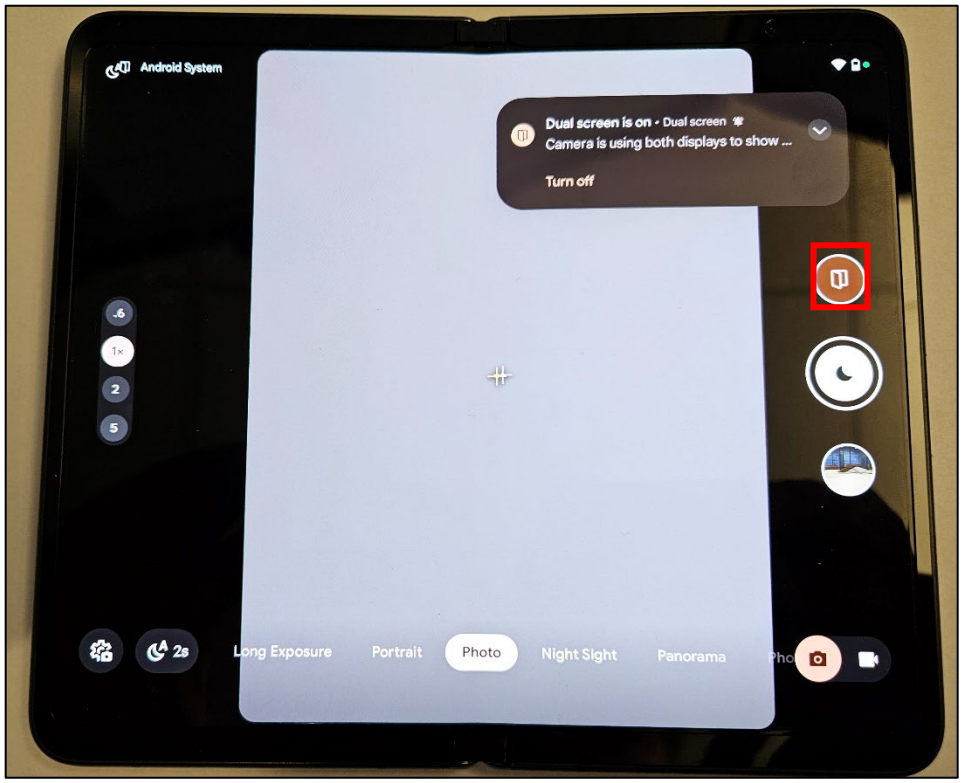
		 (*See* Google Pixel Fold Device Diagram, https://www.att.com/device-support/devicediagram/Google/GoogleG9FPL)

12[f]	wherein the processor is operable to: execute an application that is displayable on at least one of the first display and the second display in response to the gesture input; and	In response to user input from the "power button" of the Accused Product, the processor of the Accused Product can execute instructions to launch an application that can be displayed on at least one of the first or second displays. For example, in response to a user double pressing the "power button" of the Accused Product, the device will launch a camera application (by default) or another application.  (*See* https://guidebooks.google.com/pixel-fold/camera-tips/quick-camera-access?hl=en)

		
12[g]	displaying [sic] an icon associated with the application in at least one of the first display and the second display, wherein the icon indicates	The Accused Product is capable of displaying an icon associated with the application in at least one of the first and second displays, with that icon indicating that the application is in one of two or more states that correspond to the display status of the application with respect to the displays. For example, after launching the camera application in response to a user double pressing the "power button" (*see* claim limitation 12[f]), the Accused Product is capable of displaying an icon associated with the camera application that indicates that the camera application has entered a "Dual Screen" mode. A user can interact with the icon to change the camera application to a different state in which the camera viewfinder is displayed both on the first and second displays and the external display.

	that the application is in one of two or more states associated with a display status of the application with respect to the first and second displays;	**State in Which Dual Screen is Not Active:** 

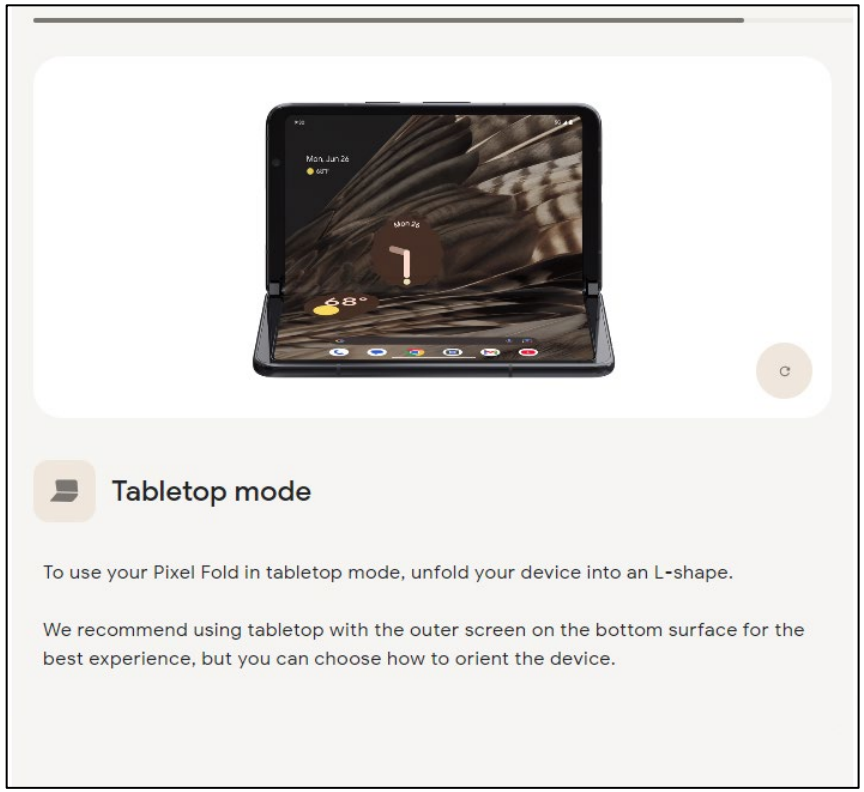
		

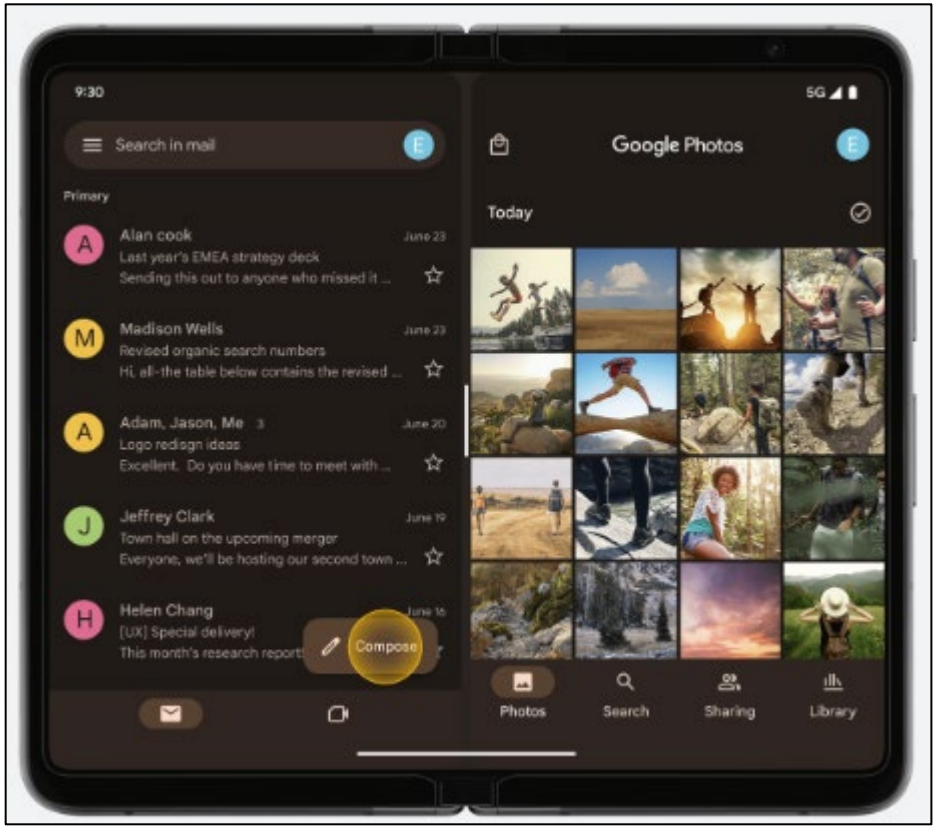
		State in Which Dual Screen is Active: 

		 As another example, after launching the camera application in response to a user double pressing the “power button” (*see* claim limitation 12[f]), the Accused Product can receive further user input to display the camera application with an associated icon that indicates that the camera application is in a state in which it is displayed in a freeform window. A user can interact with the icon to change the camera application to a different state in which the camera application is expanded to both displays, as shown in the exemplary image below:

		
12[h]	wherein the first and the second states comprise an open application state.	As shown above, the application launched by a user double pressing the "power button" (*see* claim limitation 12[f]) is open when the icon indicating that the application is in one of two or more states is displayed. (*See* claim limitation 12[g])

13	A device as recited in claim 12, wherein the icon is indicative of whether the application is expandable, whether the application is expanded, or whether the application is expanding.	The icon displayed by the Accused Product (*see* claim limitation 12[g]) is indicative of whether the associated application is expandable. For example, the icon indicates that, among other things, the application can be expanded to both displays, as shown in the exemplary image below:  (*See also* claim 12)
14	The device as recited in claim 13, wherein the handheld computing device comprises a smart phone.	The Accused Product is a smart phone. (*See* https://store.google.com/us/product/pixel_fold?hl=en-US; *see also* claim 13)

15	The device as recited in claim 14, wherein the first display and second display are positionable with respect to each other between an open and closed position.	The first and second displays of the Accused Product can be positioned with respect to each other between an open and closed position. For example, when the Accused Product is used in "Tabletop mode," the displays of the device are positioned such that the device is between an open and closed position, as shown in the exemplary image below:  (*See* https://pixel.withgoogle.com/Pixel_Fold/use-tabletop-mode?hl=en&country=US) (*See also* claim 14)

16	The device as recited in claim 15, wherein when in the open position, the first display and the second display are visible from the vantage point of a user.	When the Accused Product is in an open position, the first and second displays of the device are both visible from the vantage point of a user. For example, when the device is in an open position, both the first display and the second display are visible to a user of the device, as shown in the exemplary image below:  (*See* Google Pixel Fold, Use split screen on your Pixel Fold, https://guidebooks.google.com/pixel-fold/optimize-your-life/how-to-use-split-screen)