

IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF DELAWARE

LITL LLC,

Plaintiff,

v.

ASUSTEK COMPUTER INC. and ASUS
GLOBAL PTE. LTD.,

Defendants.

Civil Action No. 1:23-cv-122-RGA

MICROSOFT CORPORATION,

Intervenor-Plaintiff,

v.

LITL LLC,

Intervenor-Defendant.

LITL LLC,

Intervenor-Defendant /
Counterclaim Plaintiff in
Intervention,

v.

MICROSOFT CORPORATION,

Intervenor-Plaintiff /
Counterclaim Defendant in
Intervention.

PLAINTIFF'S INITIAL CLAIM CHARTS REGARDING ASUS'S INFRINGEMENT

Pursuant to the Court's Scheduling Order (D.I. 42) and Delaware Default ESI Rule 4.c, Plaintiff LiTL LLC ("Plaintiff" or "LiTL") hereby serves the attached initial claim charts regarding infringement by ASUS of U.S. Patent Nos. 8,289,688, 8,624,844, 9,563,229, 10,289,154, 9,003,315, 9,880,715, 10,564,818, and 8,612,888 (collectively, the "Asserted Patents").

LiTL's claim charts are based upon the documents that Defendants ASUSTeK Computer Inc. and Asus Global Pte. Ltd. (collectively "Defendants" or "ASUS") provided to LiTL pursuant to the Scheduling Order and Delaware Default ESI Rule 4.b and information reasonably available to LiTL. To date, Defendants have failed to provide LiTL with the "core technical documents" required under the Scheduling Order and Delaware Default ESI Rule 4.b. As detailed in LiTL's letters to ASUS dated March 15 and 18, 2024, and as discussed during our meet and confers on March 22 and 29, 2024, ASUS's core technical document production to date suffers numerous deficiencies. ASUS's production consists entirely of webpage captures and manuals available on ASUS's website. ASUS has failed to provide documents sufficient to show how the accused products operate, and in particular, how different physical configurations detect and cause transitions on the user interface between one configuration and another. ASUS was obligated to produce these documents as part of its core technical document production and in response to LiTL's Request Nos. 2-4 and 23-25 of its First Set of Requests for Production of Documents. LiTL reserves the right to supplement its initial claim charts to incorporate additional information regarding the accused products as additional information becomes available.

In the claim charts attached as Exhibits A-H, LiTL identifies the following asserted claims from the Asserted Patents:

Asserted Patent	Asserted Claims	Exhibit
8,289,688	11, 17-19, 21, 22, 27, 28, 30-32	A
8,624,844	10, 16, 17	B
9,563,229	1-6, 8-11, 16-21, 23, 25	C
10,289,154	1-9, 11-15	D
9,003,315	1-16, 18, 23, 24, 27-29, 53-57	E
9,880,715	1, 2, 4-9, 12, 14-17, 19, 20	F
10,564,818	1-20	G
8,612,888	1, 2, 4-9, 18, 19, 22-27	H

LiTL accuses Defendants of infringing the Asserted Patents with respect to the following products (collectively, the “Accused Products”):

No.	Product Line	Product Name
1	Zenbook	ZenBook Flip
2	Zenbook	ZenBook Flip S13
3	Zenbook	Zenbook S 13 Flip OLED
4	Zenbook	Zenbook Flip 13
5	Zenbook	Zenbook Flip 14
6	Zenbook	Zenbook 14 Flip
7	Zenbook	Zenbook Flip 15
8	Zenbook	Zenbook Pro Flip 15
9	Zenbook	Zenbook Pro 15 Flip
10	VivoBook	VivoBook Flip 12
11	VivoBook	VivoBook Flip 14
12	VivoBook	VivoBook S14 Flip
13	VivoBook	VivoBook Go 14 Flip
14	VivoBook	VivoBook Flip 15
15	VivoBook	VivoBook S 16 Flip
16	ExpertBook	ExpertBook B3 Flip

No.	Product Line	Product Name
17	ExpertBook	ExpertBook B5 Flip
18	ExpertBook	ExpertBook B7 Flip
19	NovaGo	NovaGo
20	ASUS	BR1100F (11.6 inch)
21	ASUS	Q304UA (13.3 inch)
22	ASUS	Q325UA (13.3 inch)
23	ASUS	Q504UA (15.6 inch)
24	ASUS	Q505UA (15.6 inch)
25	ASUS	Q524 (15.6 inch)
26	ASUS	Q525 (15.6 inch)
27	ASUS	Q526 (15.6 inch)
28	ASUS	Q536 (15.6 inch)
29	Transformer	Transformer Book Flip
30	ROG	ROG Flow X13
31	ROG	ROG Flow X16

The claim charts attached as Exhibits A-H identify where each element of each Asserted Claim is found within the Zenbook Flip 13 (UX363). Based upon the information reasonably available to LiTL and the limited documents that ASUS has produced to date, LiTL contends that the Zenbook Flip 13 (UX363) is representative of each Accused Product because each Accused Product operates in substantially the same manner as the Zenbook Flip 13 (UX363) insofar as the limitations of the asserted claims of the Asserted Patents are concerned. LiTL reserves the right to

amend its identification of a representative product pending ASUS's production of the additional documents that it is obligated to produce.

LiTL contends that for each asserted claim, unless otherwise specified in the claim charts, each claim limitation is literally present in each of the Accused Products identified above. LiTL reserves the right to supplement its initial claim charts in light of ASUS's discovery responses and in light of additional information identified in discovery. To the extent that ASUS contends that the Accused Products do not infringe any claim elements literally, ASUS infringes under the Doctrine of Equivalents ("DOE"). LiTL reserves the right to supplement its initial claim charts to detail how the Accused Products infringe the Asserted Patents under DOE.

Date: April 1, 2024

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EXHIBIT F

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS’S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

LiTL’s provision of supporting evidence for the preamble should not be construed as an admission that the preamble is limiting. Furthermore, the contentions in this chart are based on the limited discovery received from ASUS to date. LiTL reserves the right to supplement these infringement contentions as additional information becomes available. Further, to the extent that ASUS contends that its products do not infringe any claim elements literally, ASUS nevertheless infringes under the Doctrine of Equivalents.

Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
1[a]	A <u>customized user interface</u> to display <u>computer content</u> on a <u>display component</u> of a computer system including a <u>keyboard</u> , the user interface comprising:	The Zenbook Flip 13 (UX363) includes a customized user interface to display computer content on a display component of a computer system including a keyboard. For example: Computer Content Display Component  Display Component Keyboard  Notebook PC mode ASUS_0002331 at ASUS_0002376

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS’S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

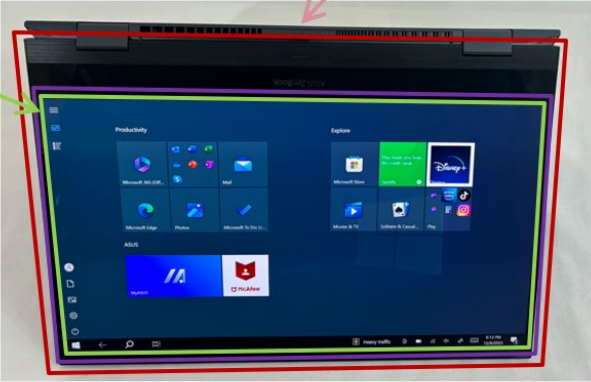
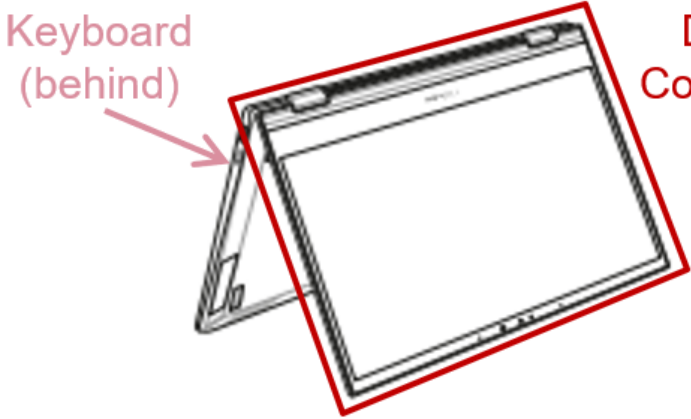
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
		Keyboard (behind) Computer Content Display Component  Keyboard (behind) Display Component Tent mode  <i>Id.</i> at ASUS_0002377

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS’S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

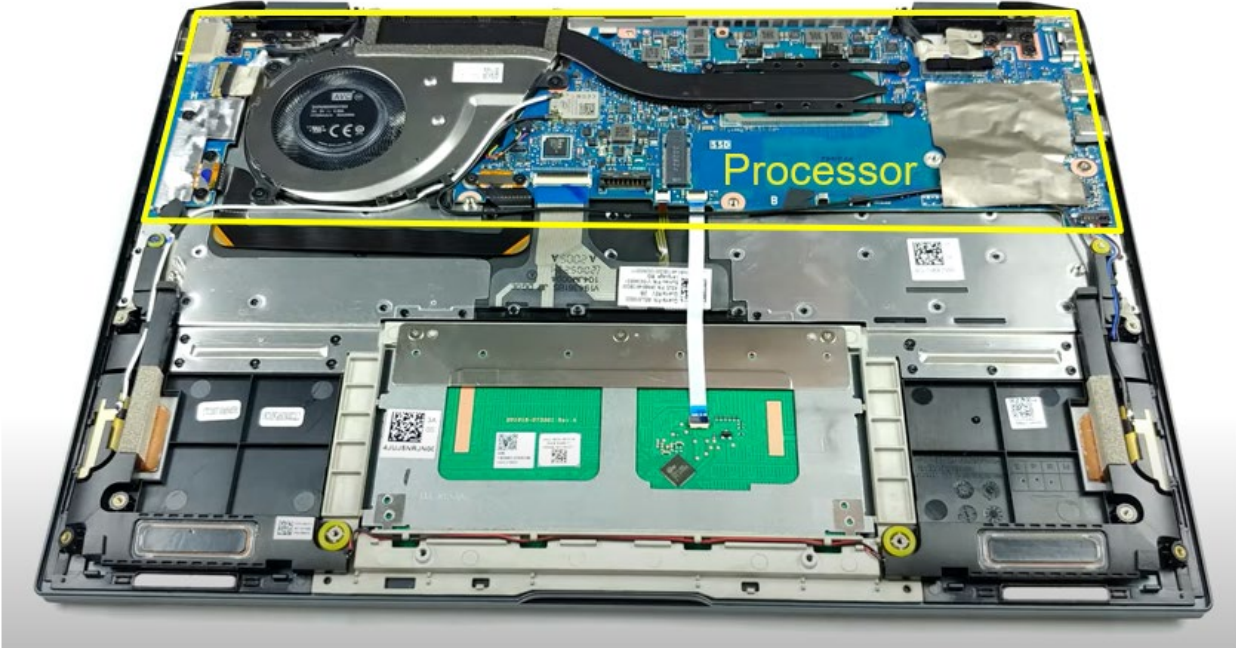
1[b]	at least one <u>processor</u> operatively connected to a <u>memory</u> of the computer system	The Zenbook Flip 13 (UX363) includes a processor operatively connected to a memory of the computer system. For example:  https://www.youtube.com/watch?v=GG1hTpHLMjM at 2:40 Processor Processor Intel® Core™ i7-1165G7 Processor 2.8 GHz (12M Cache, up to 4.7 GHz, 4 core Intel® Core™ i5-1135G7 Processor 2.4 GHz (8M Cache, up to 4.2 GHz, 4 cores ASUS_0000117 at ASUS_0000117
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EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS’S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
		Memory Memory 16GB LPDDR4X on board 8GB LPDDR4X on board Max Total system memory up to:8GB ASUS_0000117 at ASUS_0000118
1[c]	a <u>graphical user interface</u> , executing on the at least one processor, configured to display the <u>computer content</u> on the <u>display component</u> of the computer system,	The Zenbook Flip 13 (UX363) includes a graphical user interface that executes on the processor and is configured to display the computer content on the display component of the computer system. For example: Computer Content Display Component  Graphical User Interface Computer Content Display Component  Graphical User Interface

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS'S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
1[d]	the <u>graphical user interface</u> configured to: display a <u>plurality of views of a plurality of visual representations</u> of computer content, wherein the <u>computer content</u> includes at least one of selectable digital content, <u>selectable computer operations</u> and passive digital content;	The Zenbook Flip 13 (UX363) includes a graphical user interface configured to display a plurality of views of a plurality of visual representations of computer content, wherein the computer content includes at least one of selectable digital content, selectable computer operations and passive digital content. For example: Graphical User Interface Computer Content Computer Content Graphical User Interface Plurality of Visual Representations Selectable Computer Operations Plurality of Views Plurality of Visual Representations Selectable Computer Operations

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS’S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

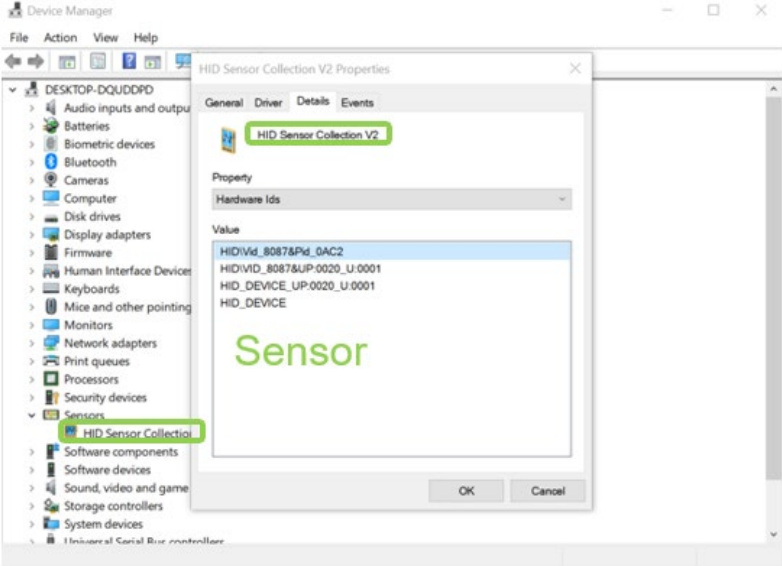
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
1[e]	an execution component, executing on the at least one processor, configured to: detect a current computer system configuration from at least a <u>first computer system configuration</u> where the <u>keyboard</u> is operable to receive input from an operator of the computer system to control the computer system and	The Zenbook Flip 13 (UX363) includes an execution component that executes on the processor and is configured to detect a current computer system configuration from at least a first computer system configuration where the keyboard is operable to receive input from an operator of the computer system to control the computer system. For example: First Computer System Configuration  For example, the Zenbook Flip 13 (UX363) includes sensors and software that, upon information and belief, interact with the processor to detect a current computer system configuration. For example, some sensors are noted below: 

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS’S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
1[f]	a <u>second computer system configuration</u> where the <u>keyboard</u> is inoperable to receive input from the operator of the computer system to control the computer system;	The Zenbook Flip 13 (UX363) includes an execution component that executes on the processor and is configured to detect a current computer system configuration from at least a second computer system configuration where the keyboard is inoperable to receive input from the operator of the computer system to control the computer system. For example: Second Computer System Configuration  For example, the Zenbook Flip 13 (UX363) includes sensors and software that, upon information and belief, interact with the processor to detect a current computer system configuration. For example, some sensors are noted above for limitation 1[e]. For example, the keyboard is automatically disabled when the Zenbook Flip 13 (UX363) is in the second computer system configuration (e.g., when the computer is placed in Stand or Tent mode): NOTE: Rotating the screen to Stand, Tent and Tablet mode will disable the keyboard and touchpad. ASUS_0002331 at ASUS_0002377

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS'S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
1[g]	select one of the <u>plurality of views</u> for display on the computer system in response to the detected current computer system configuration; and	The Zenbook Flip 13 (UX363) includes an execution component that executes on the processor and is configured to select one of the plurality of views for display on the computer system in response to the detected current computer system configuration. For example: Plurality of Views 

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS'S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

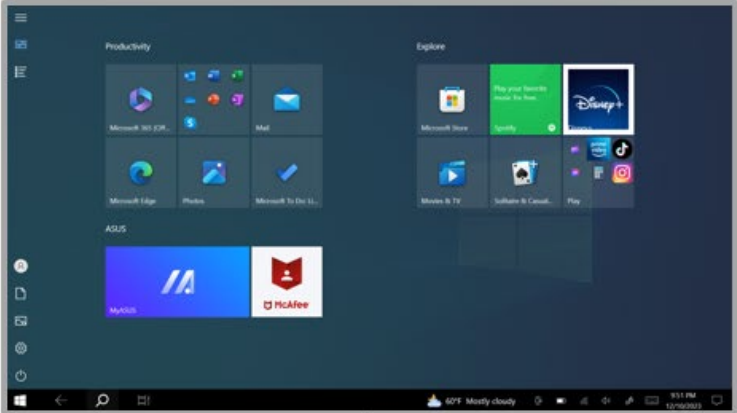
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
1[h]	transition the display component to the selected <u>one of the plurality of views</u> .	The Zenbook Flip 13 (UX363) includes an execution component that executes on the processor and is configured to transition the display component to the selected one of the plurality of views. For example: One of the Plurality of Views (behind)  One of the Plurality of Views  One of the Plurality of Views

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS'S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

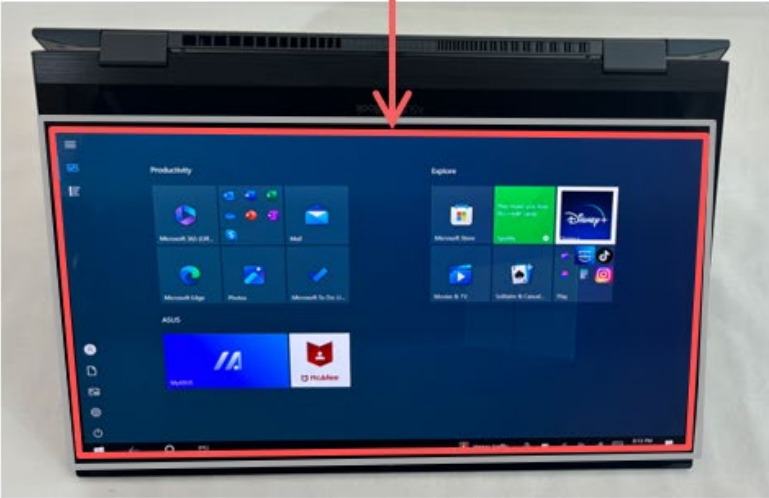
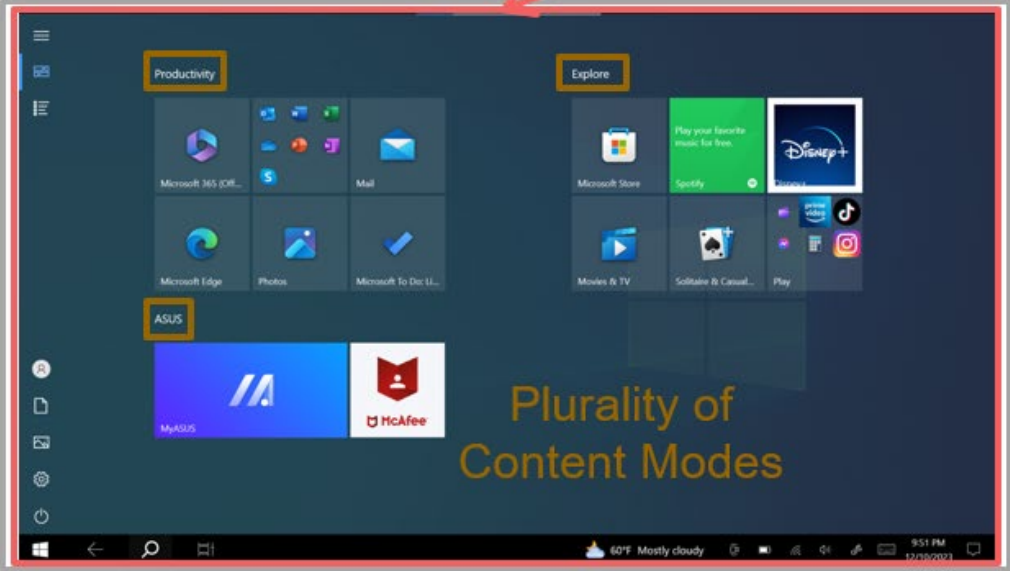
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
2	The user interface of claim 1, wherein in the <u>plurality of views</u> includes a <u>home view</u> configured to organize a <u>plurality of content modes</u> and a <u>channel view</u> configured to organize at least one of a <u>single content mode</u> and two content modes.	The Zenbook Flip 13 (UX363) includes a user interface, wherein in the plurality of views includes a home view configured to organize a plurality of content modes and a channel view configured to organize at least one of a single content mode and two content modes. For example: Home View  (One of the) Plurality of Views Home View  Plurality of Content Modes (One of the) Plurality of Views

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS'S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

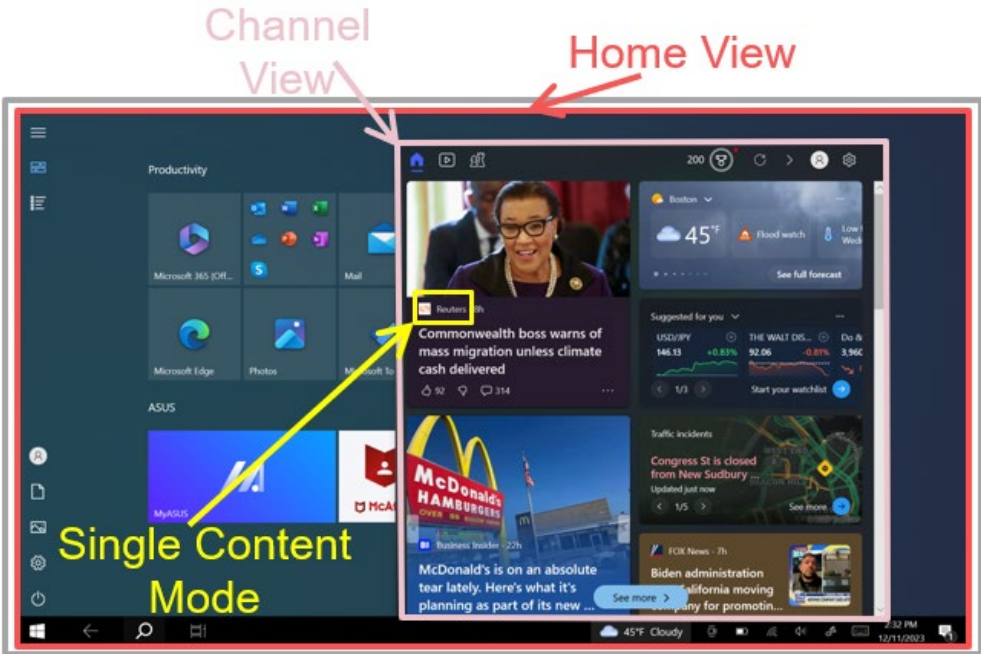
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
		 Home View Channel View Single Content Mode (One of the) Plurality of Views  Channel View Home View Single Content Mode (One of the) Plurality of Views

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS’S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

For example, the single content mode (e.g., a link to a webpage containing a news story from a source, e.g., Reuters) links to the underlying content (e.g., the news story) and other news stories from the same source.

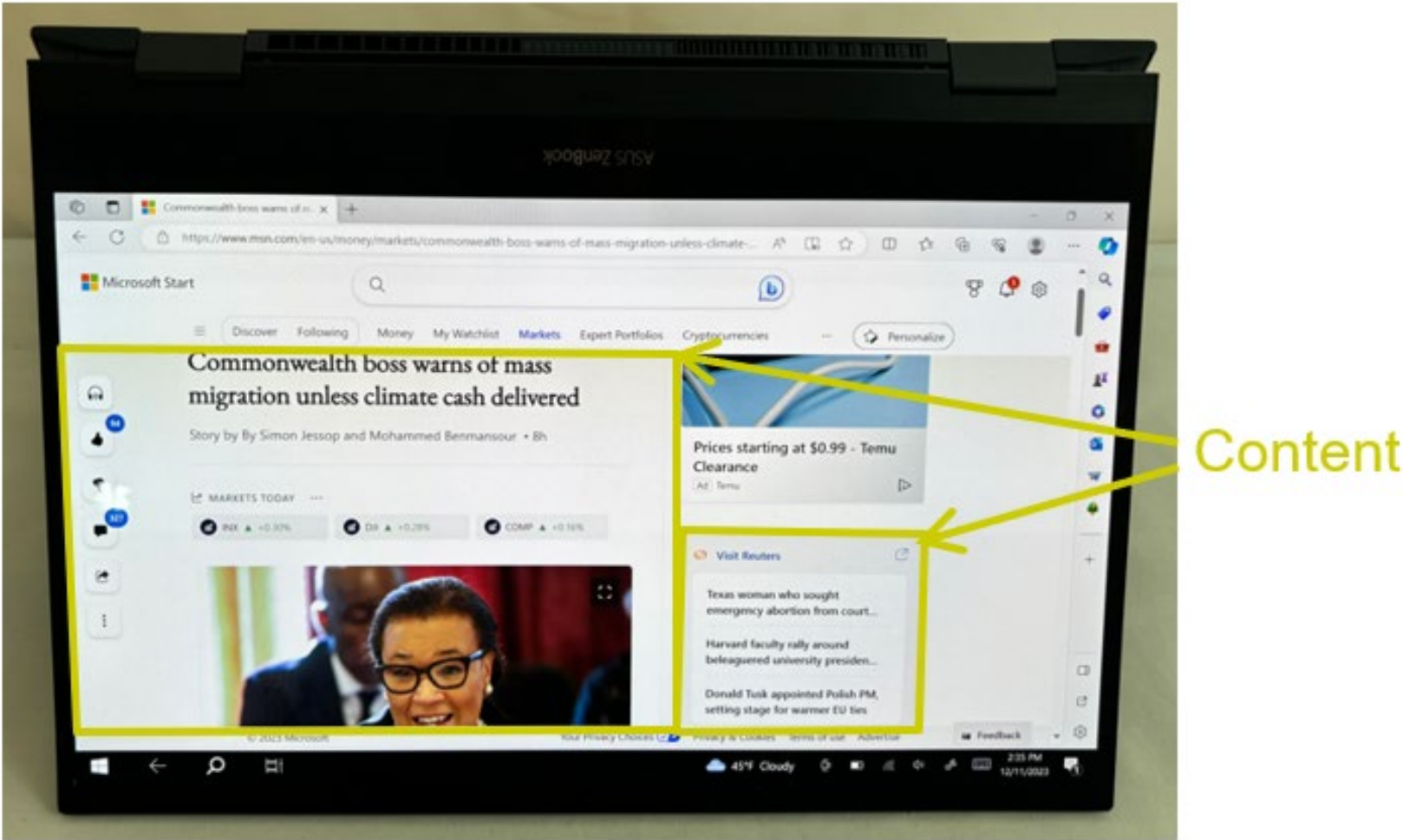


EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS’S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

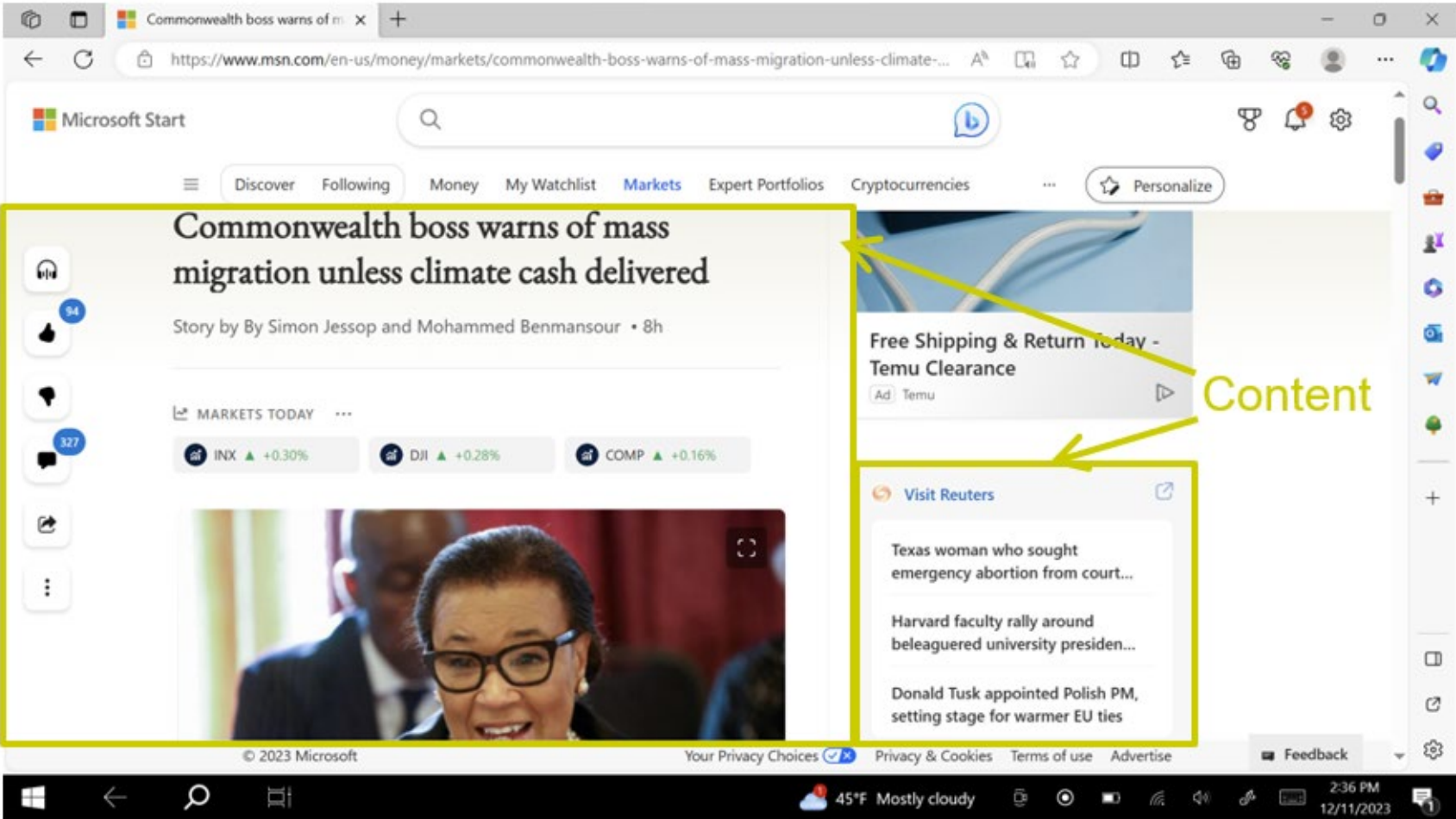
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
		

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS'S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

4 [a]

The user interface of claim 1, wherein the plurality of views includes a home view organizing a plurality of visual representations of digital content,

The Zenbook Flip 13 (UX363) includes a plurality of views that includes a home view organizing a plurality of visual representations of digital content. For example, the taskbar can be positioned at the top of the view instead of at the bottom:

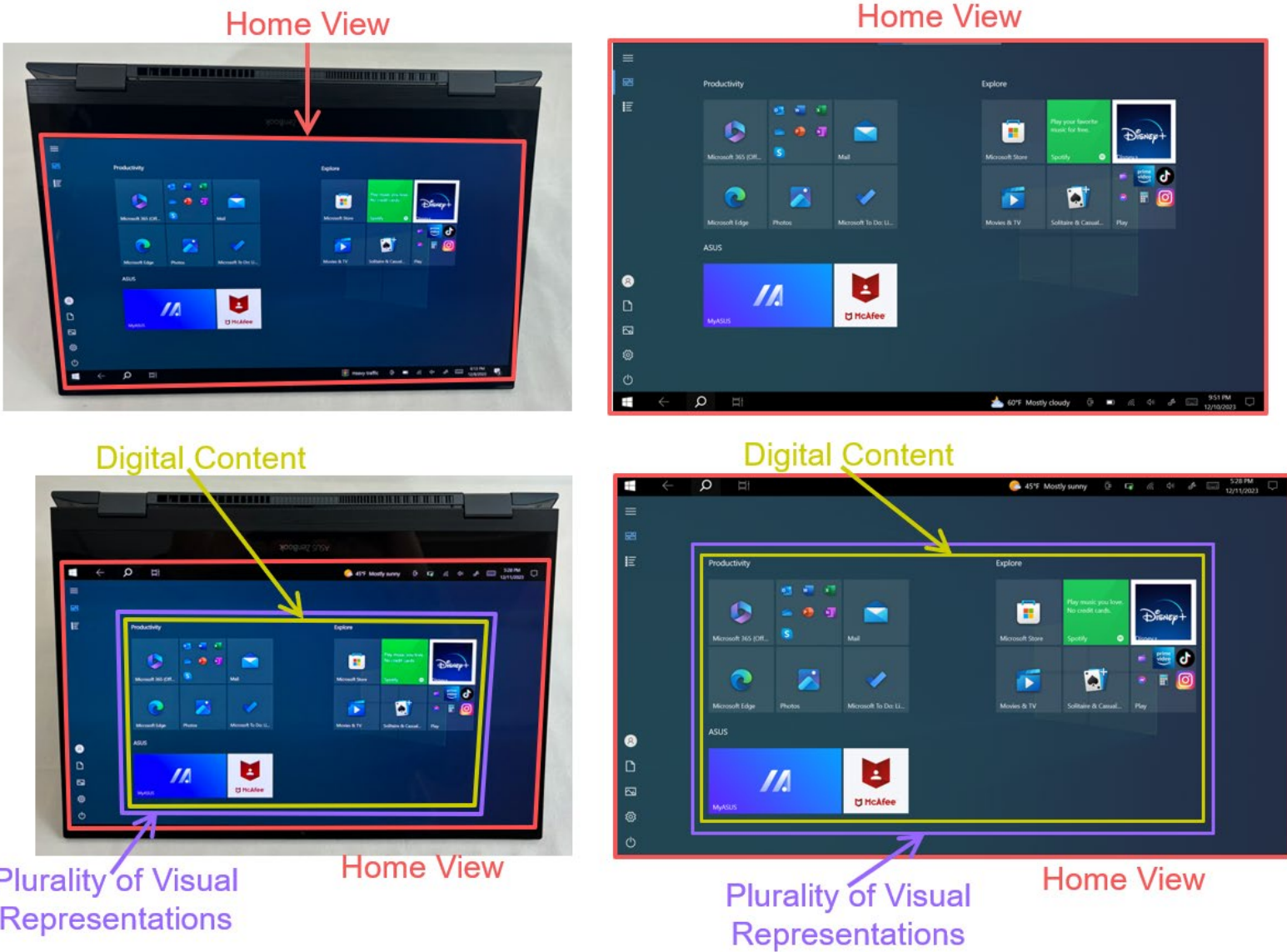


EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS’S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
4 [b]	wherein the <u>home view</u> comprises a <u>header display</u> and a <u>body display</u> , and	The Zenbook Flip 13 (UX363) includes a home view that comprises a header display and a body display. For example: The image contains two screenshots of the Zenbook Flip 13 (UX363) home view. The left screenshot shows the device in a folded state, with a small header display at the top and a larger body display below it. The right screenshot shows the device in a flat state, with a wide header display at the top and a large body display below it. Both displays show a Windows-style home screen with various app tiles. Labels with arrows point to the 'Header Display' (cyan) and 'Body Display' (orange) regions. A red arrow points to the entire screen area, labeled 'Home View'.

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS'S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

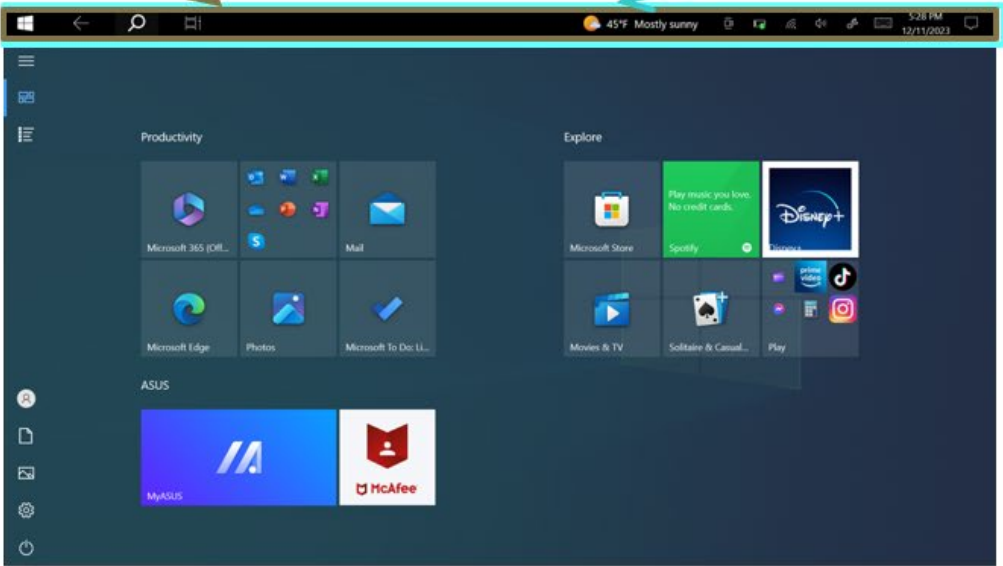
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
4 [c]	wherein the header display comprises a lateral frame extending from the left of the display component to the right of the display component,	The Zenbook Flip 13 (UX363) includes a header display that comprises a lateral frame extending from the left of the display component to the right of the display component. For example: Lateral Frame Header Display  Lateral Frame Header Display 

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS'S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

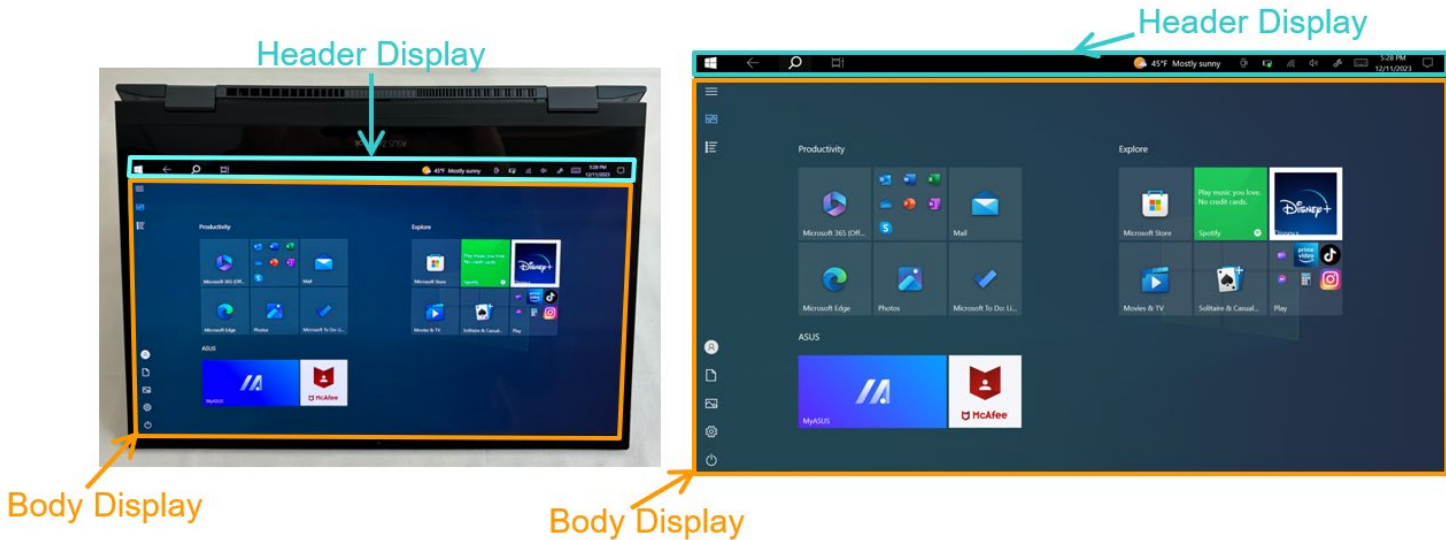
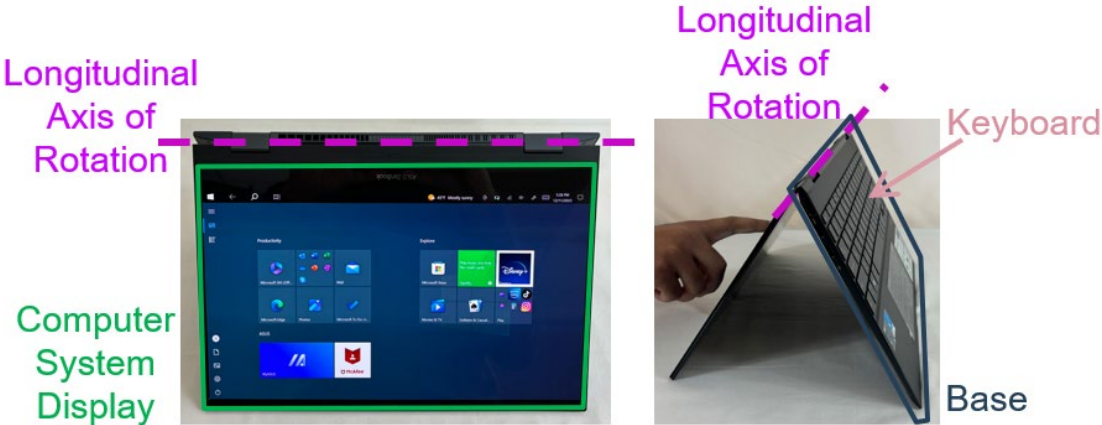
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
4 [d]	wherein the <u>body display</u> is rendered below the <u>header display</u> in the display component of the computer system.	The Zenbook Flip 13 (UX363) includes a body display that is rendered below the header display in the display component of the computer system. For example: 
5	The user interface of claim 4, wherein the computer system configuration comprises a physical positioning of a <u>computer system display</u> relative to a <u>base</u> of the computer system that includes the <u>keyboard</u> about a <u>longitudinal axis of rotation</u> .	The Zenbook Flip 13 (UX363) includes a computer system configuration that comprises a physical positioning of a computer system display relative to a base of the computer system that includes the keyboard about a longitudinal axis of rotation. For example: 

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS’S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

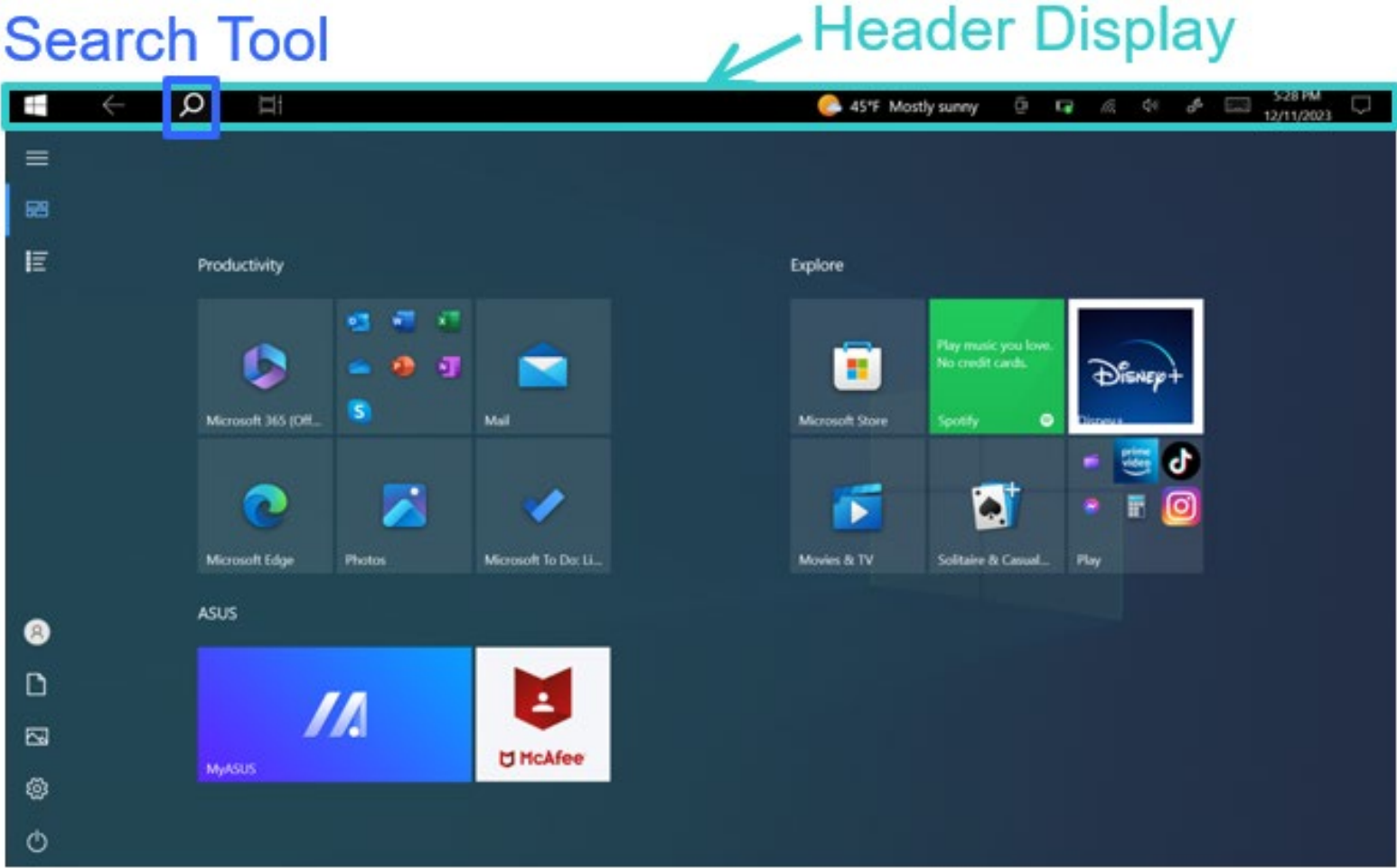
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
6 [a]	The user interface of claim 4, wherein the graphical user interface is further configured to display a <u>search tool</u> displayed in the <u>header display</u> ,.	The Zenbook Flip 13 (UX363) includes a graphical user interface that is further configured to display a search tool displayed in the header display. For example: 

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS’S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

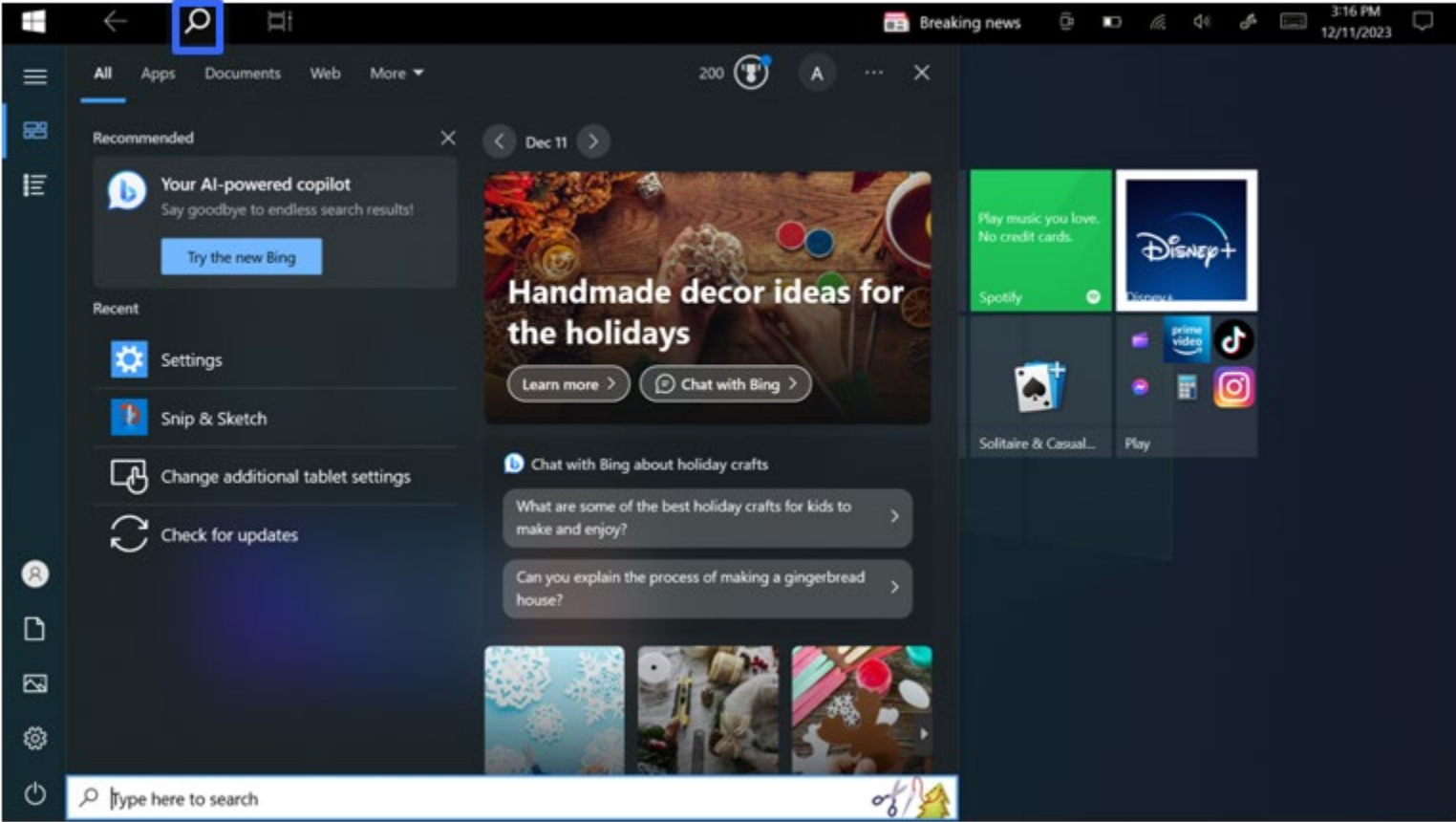
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
6 [b]	wherein the <u>search tool</u> is configured to accept search terms entered by a user and in response to execution, causes the computer system to navigate to a view of a <u>first visual representation of digital content</u> ,	The Zenbook Flip 13 (UX363) includes a search tool that is configured to accept search terms entered by a user and, in response to execution, causes the computer system to navigate to a view of a first visual representation of digital content. For example: Search Tool 

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS'S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

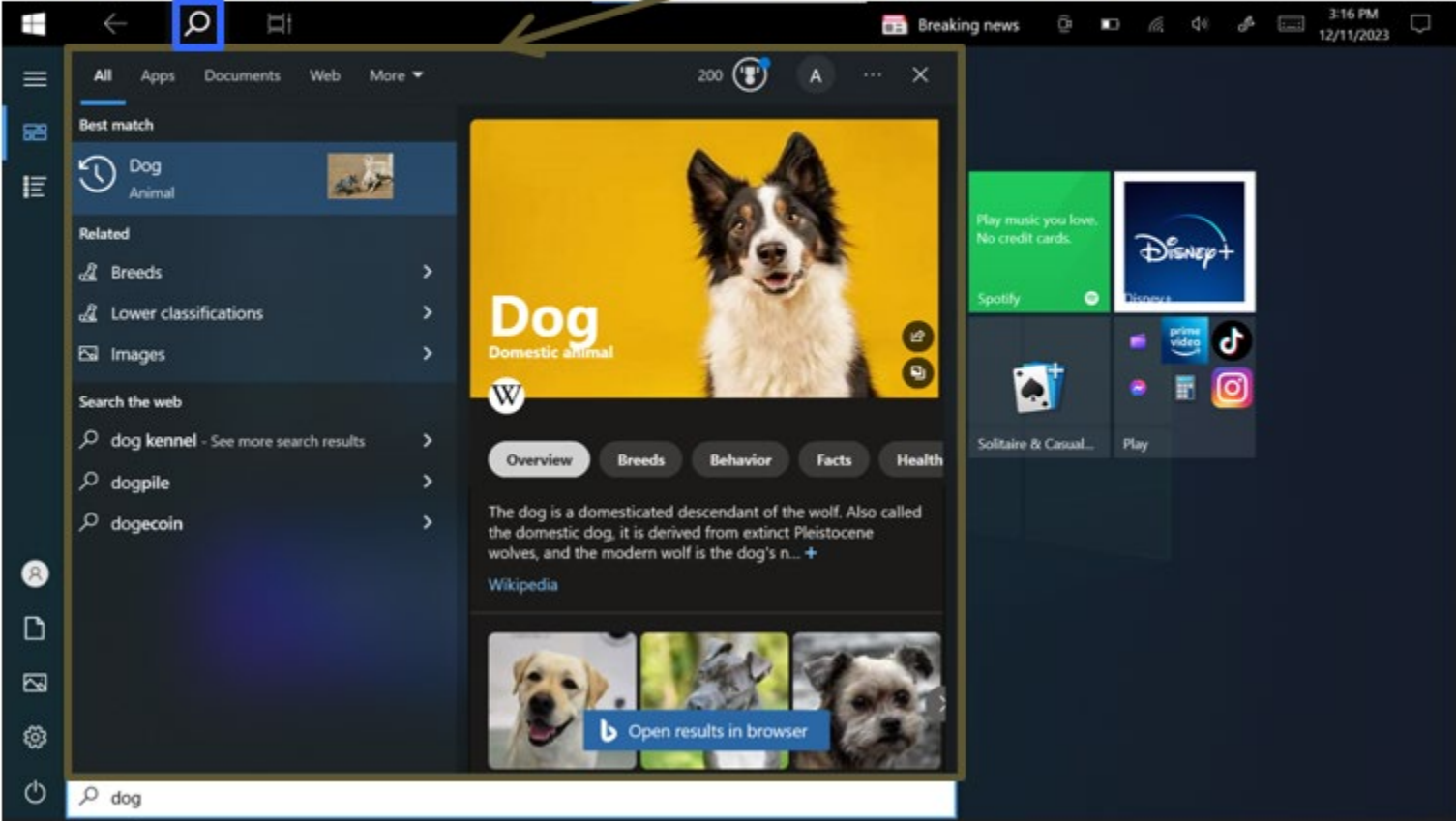
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
		Search Tool First Visual Representation of Digital Content  The screenshot shows the Windows Search interface. A search for 'dog' has been performed. The results are displayed in a card format. The top card is titled 'Dog' and is categorized as 'Animal'. It features a large image of a dog's face. Below the image, there is a brief description: 'The dog is a domesticated descendant of the wolf. Also called the domestic dog, it is derived from extinct Pleistocene wolves, and the modern wolf is the dog's n...'. A 'Wikipedia' link is provided. At the bottom of the card, there are three smaller images of different dog breeds and a button that says 'Open results in browser'. The search bar at the top of the window shows the search term 'dog'. The taskbar at the bottom of the window displays various application icons, including Spotify, Disney+, Solitaire & Casual..., and Play.

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS'S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

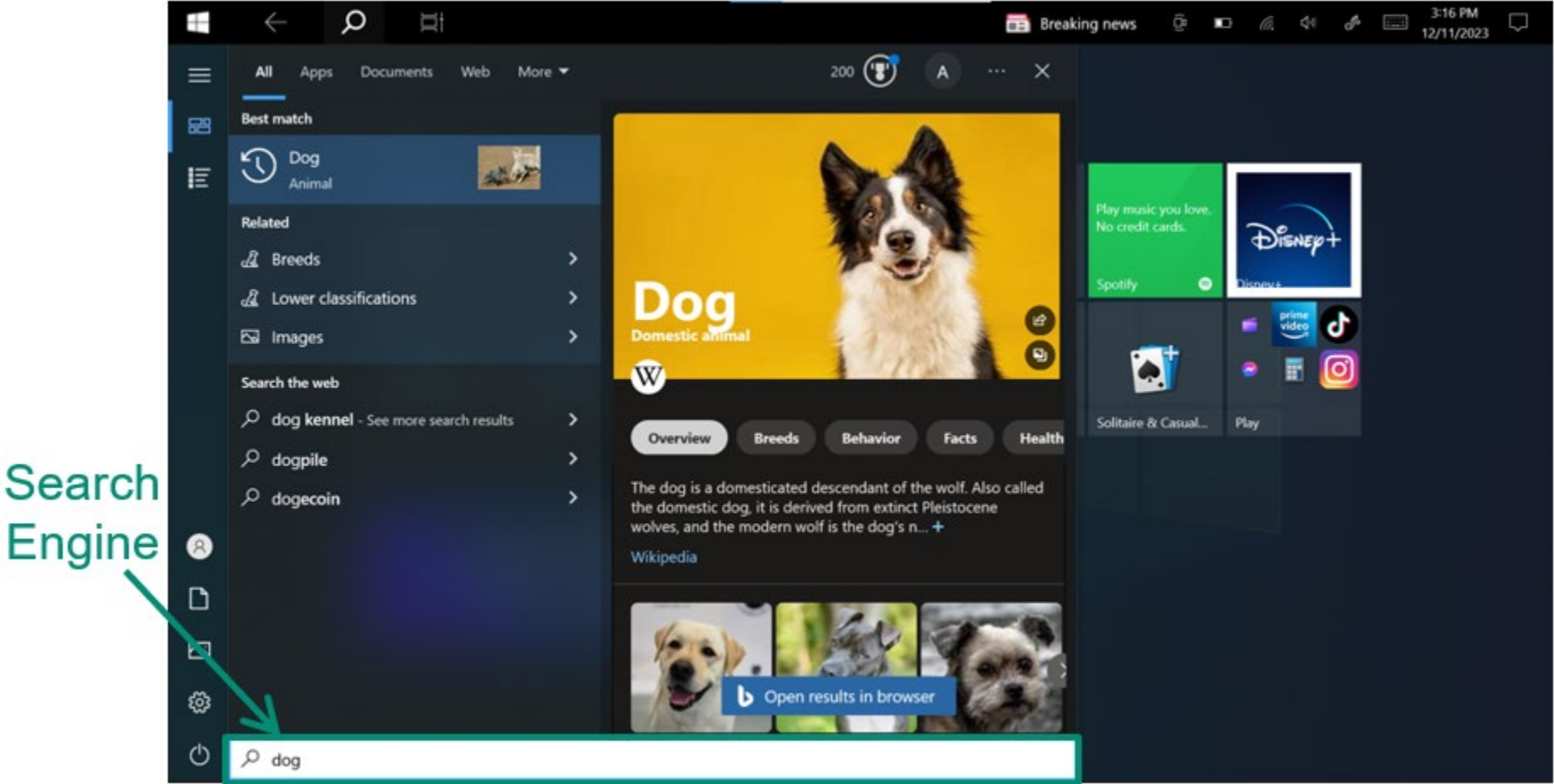
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
6 [c]	wherein the digital content includes a <u>search engine</u> , and the search engine presents results for the search terms.	The Zenbook Flip 13 (UX363) includes digital content that includes a search engine and the search engine presents results for the search terms. For example: A screenshot of the Windows 10 search interface. The search bar at the bottom contains the text 'dog'. A green arrow points from the text 'Search Engine' to this search bar. The search results are displayed in a dark theme. The 'Best match' section shows a large image of a dog's face with the text 'Dog' and 'Domestic animal' below it. To the left of the main results, there is a sidebar with 'Related' items: 'Breeds', 'Lower classifications', and 'Images'. Below that, 'Search the web' results are listed: 'dog kennel - See more search results', 'dogpile', and 'dogecoin'. At the bottom of the search results, there are three small images of different dogs and a button that says 'Open results in browser'. The Windows taskbar is visible at the top with the time '3:16 PM' and date '12/11/2023'.

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS’S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

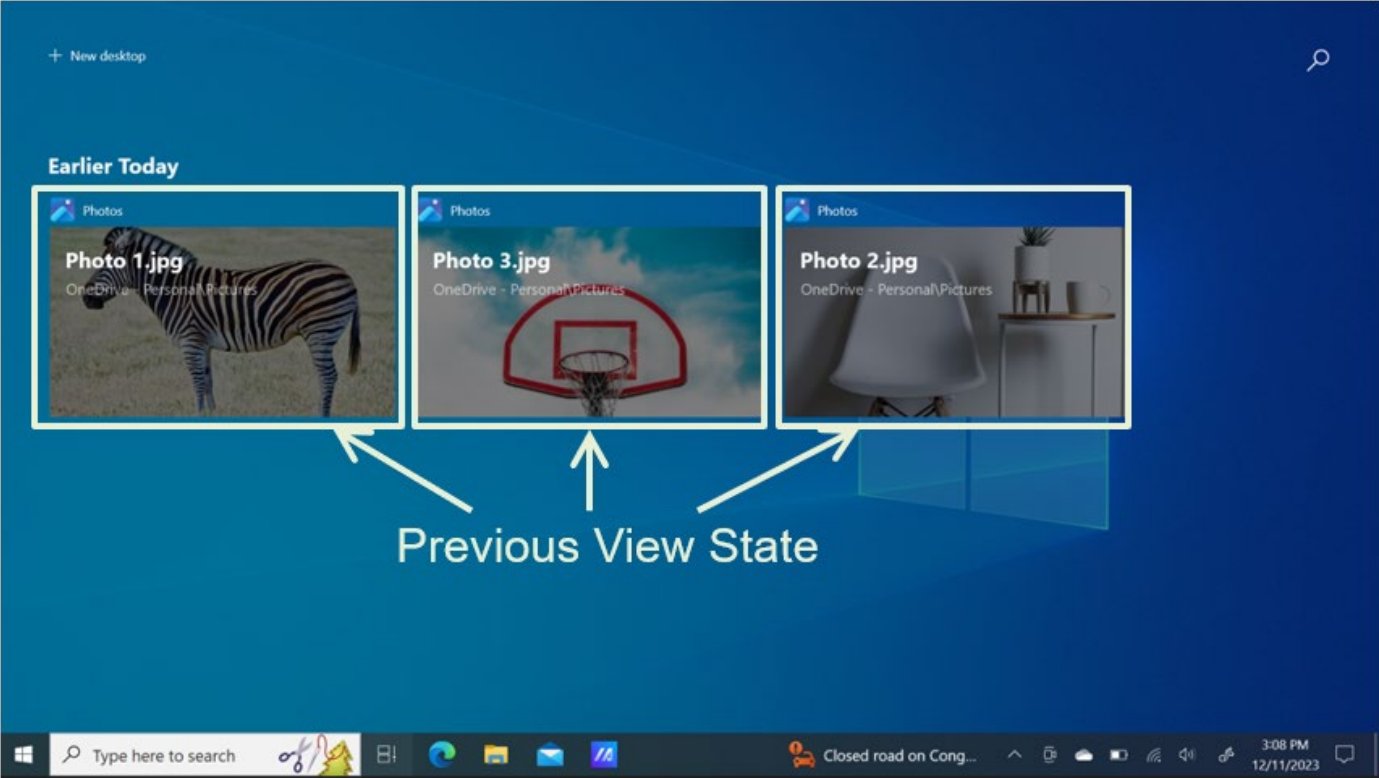
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
7	The user interface of claim 1, further comprising a <u>storage component</u> configured to retain a <u>previous view state</u> .	The Zenbook Flip 13 (UX363) includes a storage component configured to retain a previous view state. For example: Memory Storage Component 16GB LPDDR4X on board 8GB LPDDR4X on board Max Total system memory up to:8GB ASUS_0000117 at ASUS_0000118 

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS’S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

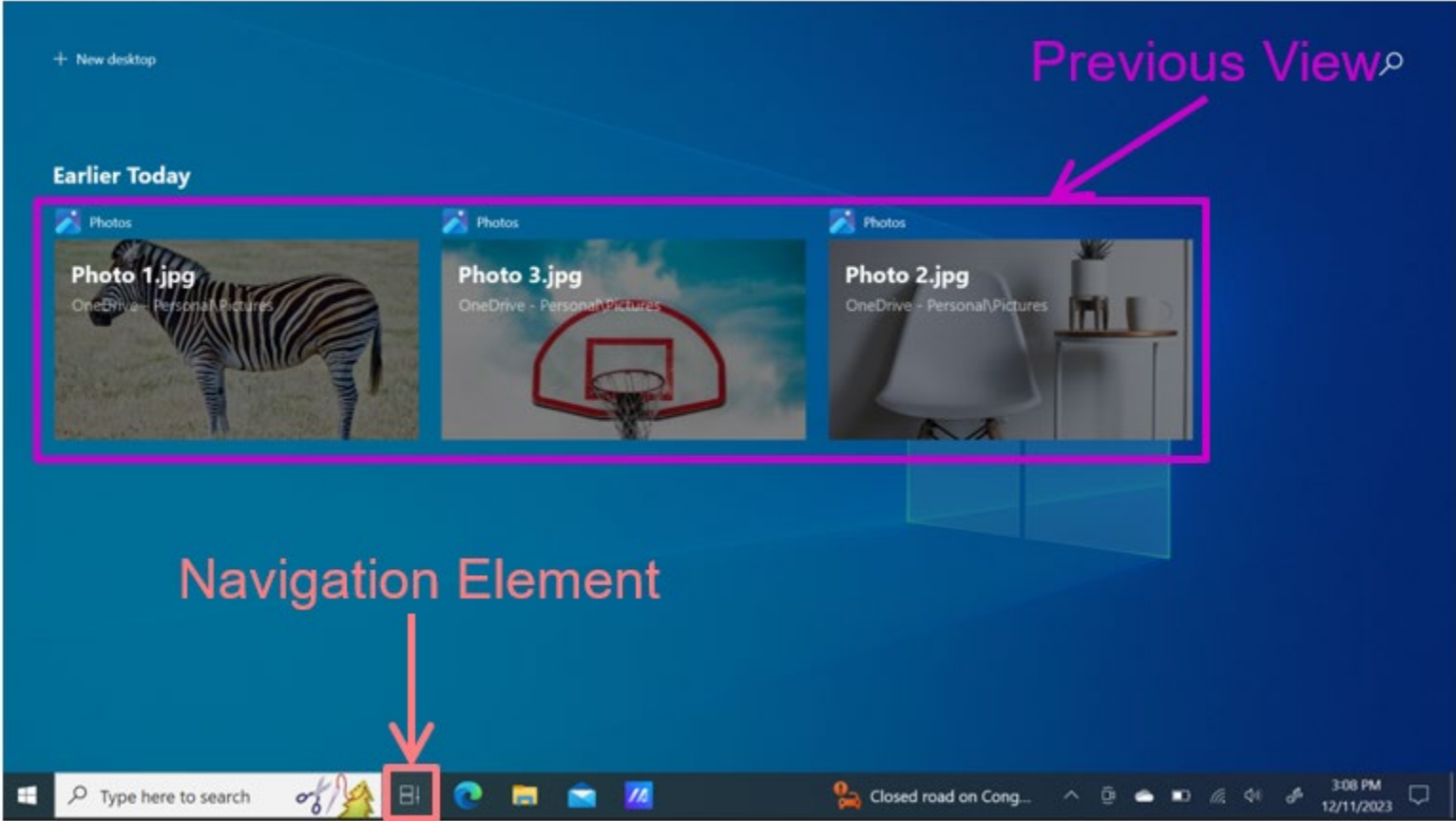
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
8	The user interface of claim 7, wherein the execution component is further configured to cause the computer system to transition to a <u>previous view</u> in response to execution of a <u>navigation element</u> by a user.	The Zenbook Flip 13 (UX363) includes an execution component that is further configured to cause the computer system to transition to a previous view in response to execution of a navigation element by a user. For example:  The screenshot shows the Windows Photos application interface. A pink rectangular box highlights the 'Earlier Today' section, which contains three photo thumbnails: 'Photo 1.jpg' (a zebra), 'Photo 3.jpg' (a basketball hoop), and 'Photo 2.jpg' (a lamp). A pink arrow points from the text 'Previous View' to the top-right corner of this pink box. A red arrow points from the text 'Navigation Element' to a red square icon in the Windows taskbar, which is also highlighted by a red square. The taskbar includes the search bar, task view button, and several application icons. The system tray shows the time as 3:08 PM on 12/11/2023.

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS’S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

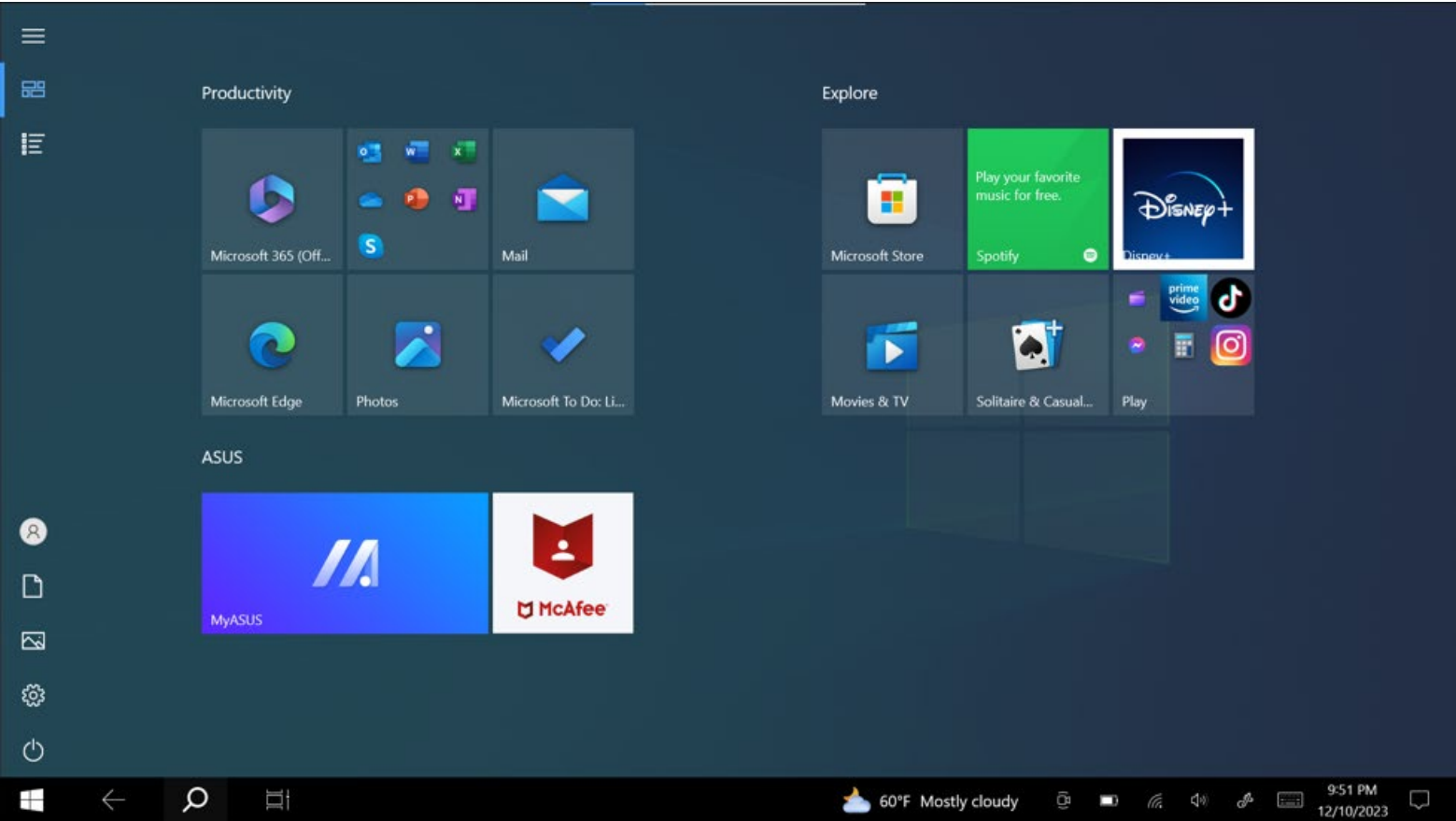
9	The user interface of claim 7, further comprising the <u>navigation element</u> displayed in a <u>header display</u>.	The Zenbook Flip 13 (UX363) includes a navigation element displayed in a header display. For example, the taskbar can be positioned at the top of the view instead of at the bottom:  The screenshot shows the Windows 11 desktop environment. At the top of the screen is a navigation bar (header display) containing three icons: a hamburger menu, a task view icon, and a search icon. Below this bar, the desktop is organized into sections. The 'Productivity' section on the left includes tiles for Microsoft 365 (Office), Mail, Microsoft Edge, Photos, and Microsoft To Do. The 'Explore' section on the right includes tiles for Microsoft Store, Spotify, Disney+, Movies & TV, Solitaire & Casual Games, and a 'Play' section with Amazon Prime Video, TikTok, and Instagram. At the bottom of the screen is the taskbar, which contains the Start button, a search bar, and several pinned application icons. The system tray on the right shows the weather (60°F Mostly cloudy), battery level, network status, and the time (9:51 PM 12/10/2023).
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EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS'S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

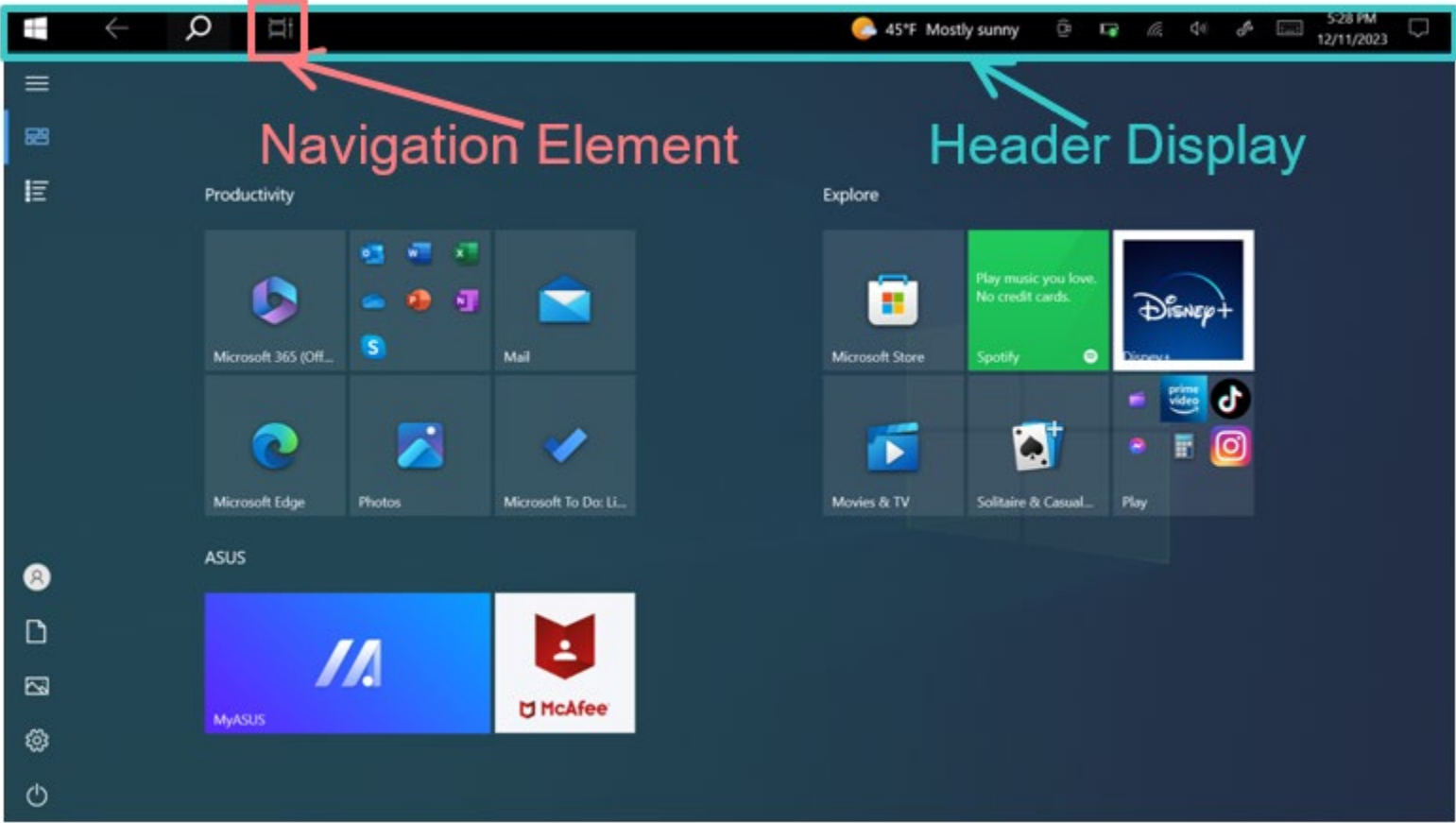
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
		 The screenshot shows the Windows 11 Start menu interface. A red box highlights the 'Task View' icon (four vertical bars) in the top-left corner of the taskbar, with a red arrow pointing to it and the text 'Navigation Element' in red. A blue arrow points to the top-right corner of the taskbar, which displays the weather ('45°F Mostly sunny') and the date/time ('5:28 PM 12/11/2023'), with the text 'Header Display' in blue. The Start menu tiles include 'Productivity' (Microsoft 365, Mail, Microsoft Edge, Photos, Microsoft To Do), 'Explore' (Microsoft Store, Spotify, Disney+, Movies & TV, Solitaire & Casual, Play), and 'ASUS' (MyASUS, McAfee).

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS’S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

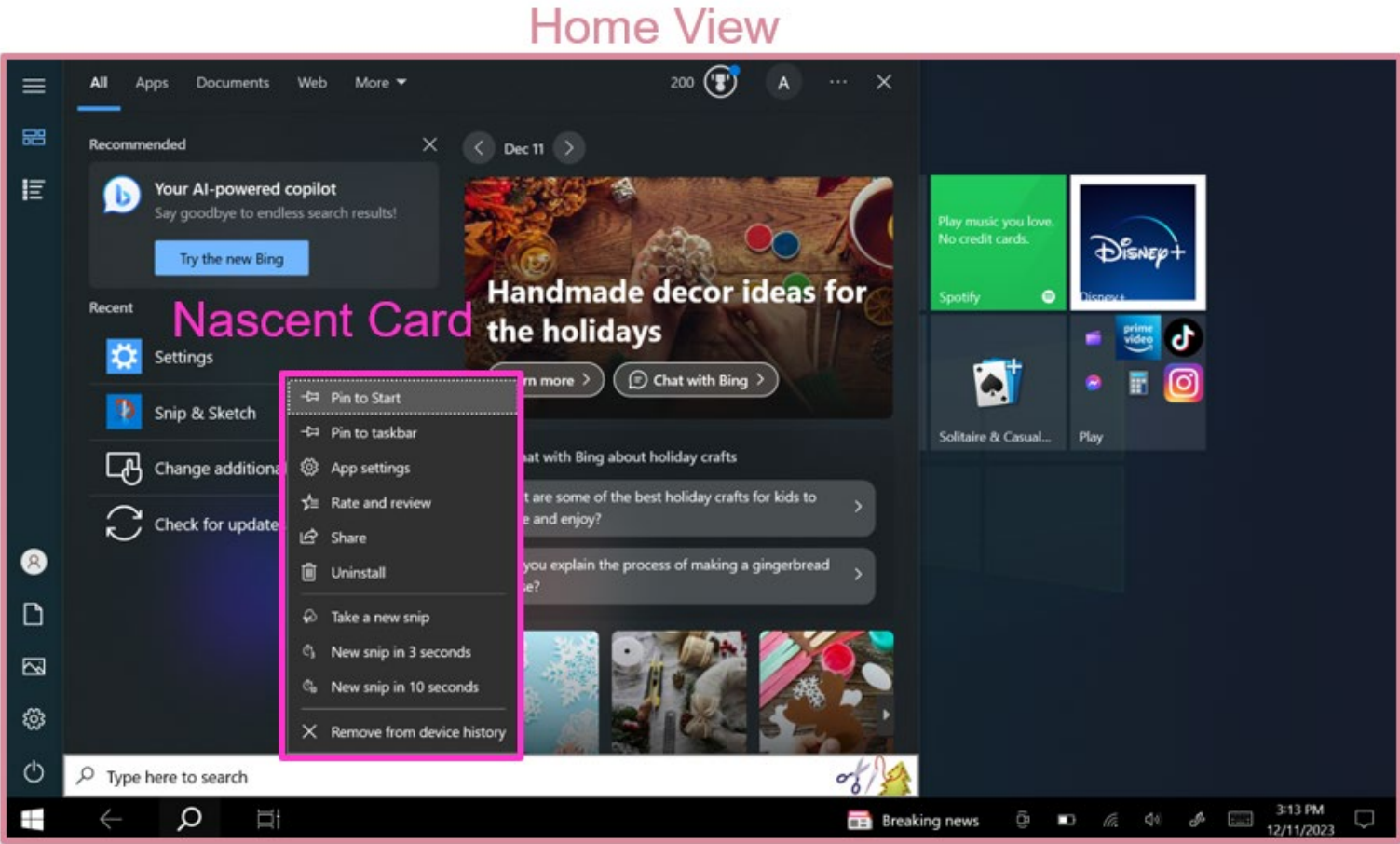
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
12	The user interface of claim 4, wherein the graphical user interface is further configured to display a <u>nascent card</u> in the <u>home view</u>, wherein the <u>nascent card</u> is configured to permit generation of additional <u>visual representations of digital content</u>.	The Zenbook Flip 13 (UX363) includes a graphical user interface further configured to display a nascent card in the home view, wherein the nascent card is configured to permit generation of additional visual representations of digital content. For example, the Zenbook Flip 13 (UX363) allows the user to generate and pin an additional visual representation (e.g., icon) associated with digital content (e.g., an underlying application) to the home view by selecting the search icon in the taskbar and then right-clicking or pointing to and holding a representation of digital content (e.g., the Paint app icon) and selecting the ‘Pin to Start’ option in the nascent card (e.g., the dialog box) that appears, as depicted below:  The screenshot displays the Windows 'Home View' interface. A 'Nascent Card' is highlighted with a pink box, showing a context menu with options: 'Pin to Start', 'Pin to taskbar', 'App settings', 'Rate and review', 'Share', 'Uninstall', 'Take a new snip', 'New snip in 3 seconds', 'New snip in 10 seconds', and 'Remove from device history'. The background shows the Windows Start menu with various app tiles like Settings, Snip & Sketch, and recommended content from Bing.

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS’S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

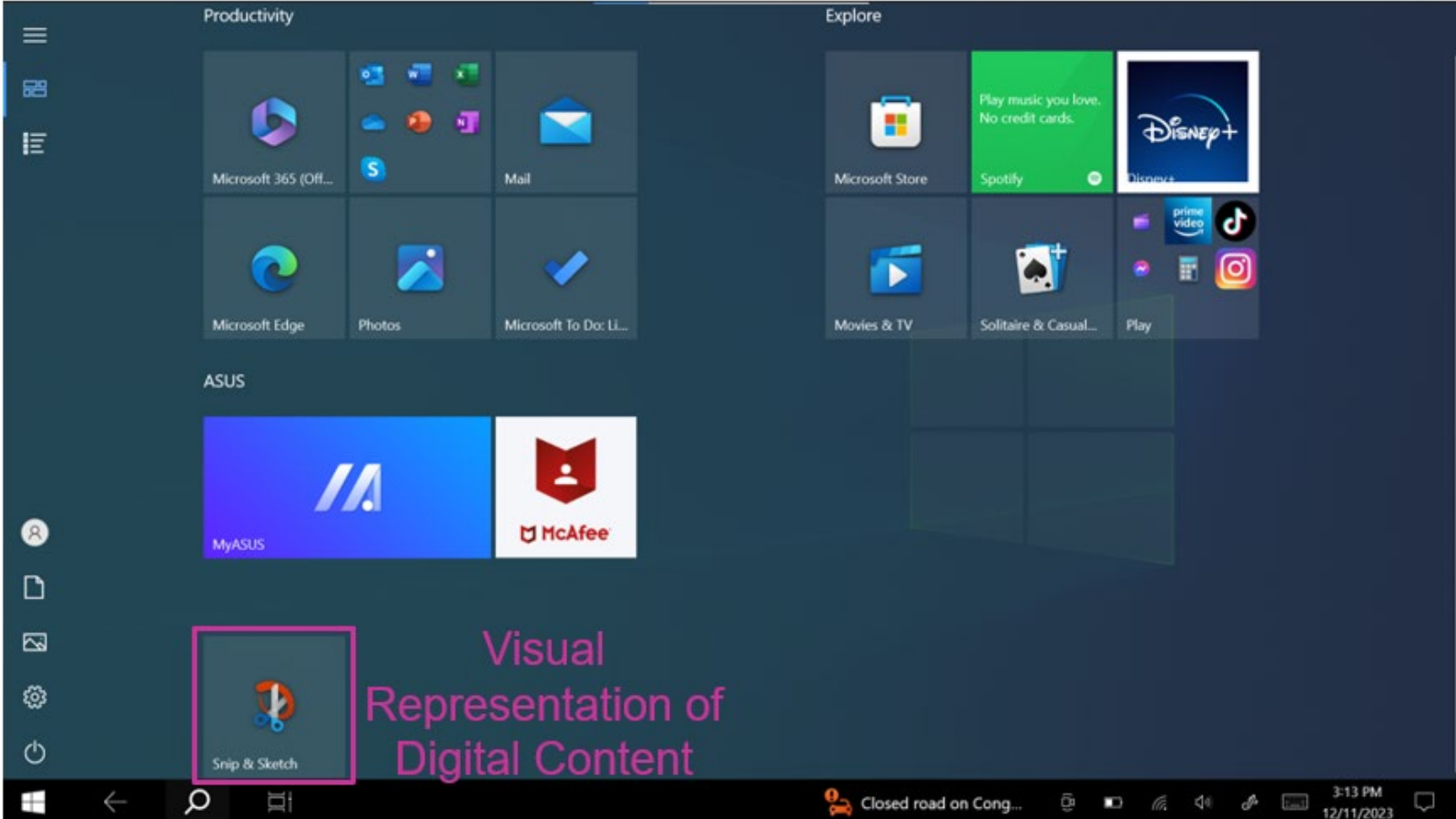
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
		 Visual Representation of Digital Content

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS'S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

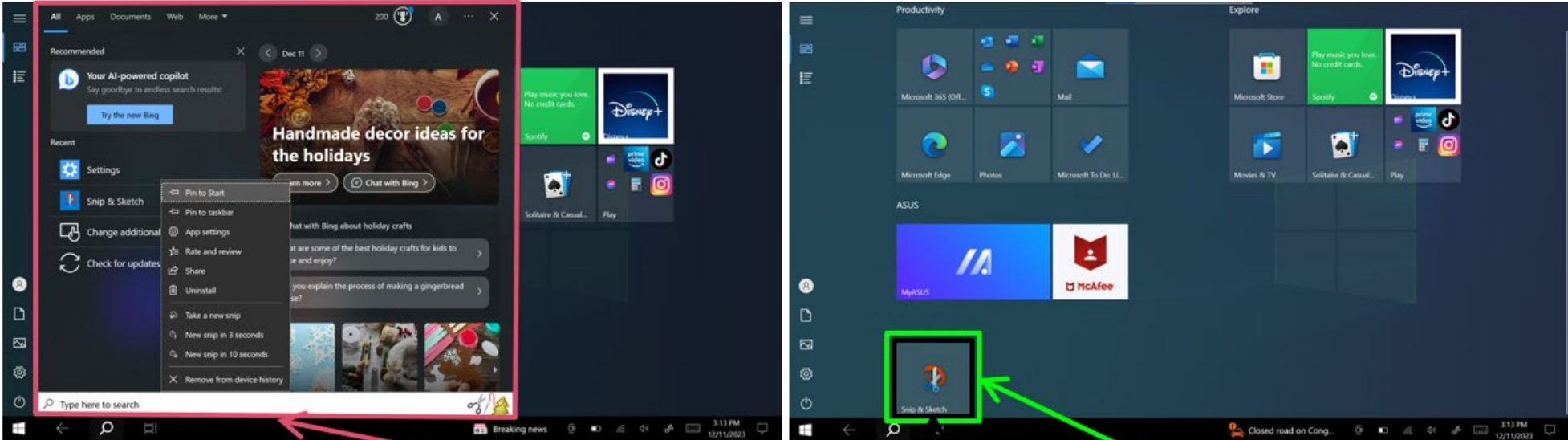
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
14	The user interface of claim 1, wherein the plurality of views includes a <u>quick access view</u> configured to permit user generation of a mapping between <u>digital content</u> and a <u>visual representation</u>.	The Zenbook Flip 13 (UX363) includes a plurality of views that includes a quick access view configured to permit user generation of a mapping between digital content and a visual representation. For example, a user may select the search icon in the taskbar to open the quick access view, which permits the user to pin a visual representation (e.g., icon) associated with digital content (e.g., an underlying application) to one of the plurality of views by right-clicking or pointing to and holding an image of digital content in the quick access view and selecting the ‘Pin to Start’ option, as depicted below:  Quick Access View Digital Content (Underlying Application) Visual Representation

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS’S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
15	The user interface of claim 1, wherein the <u>plurality of views</u> includes a <u>channel view</u> including a <u>channel selector</u> that displays a <u>sequence of visual representations</u> .	The Zenbook Flip 13 (UX363) includes a user interface, wherein the plurality of views includes a channel view including a channel selector that displays a sequence of visual representations. For example:  (One of the) Plurality of Views Channel View Channel Selector Sequence of Visual Representations

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS'S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

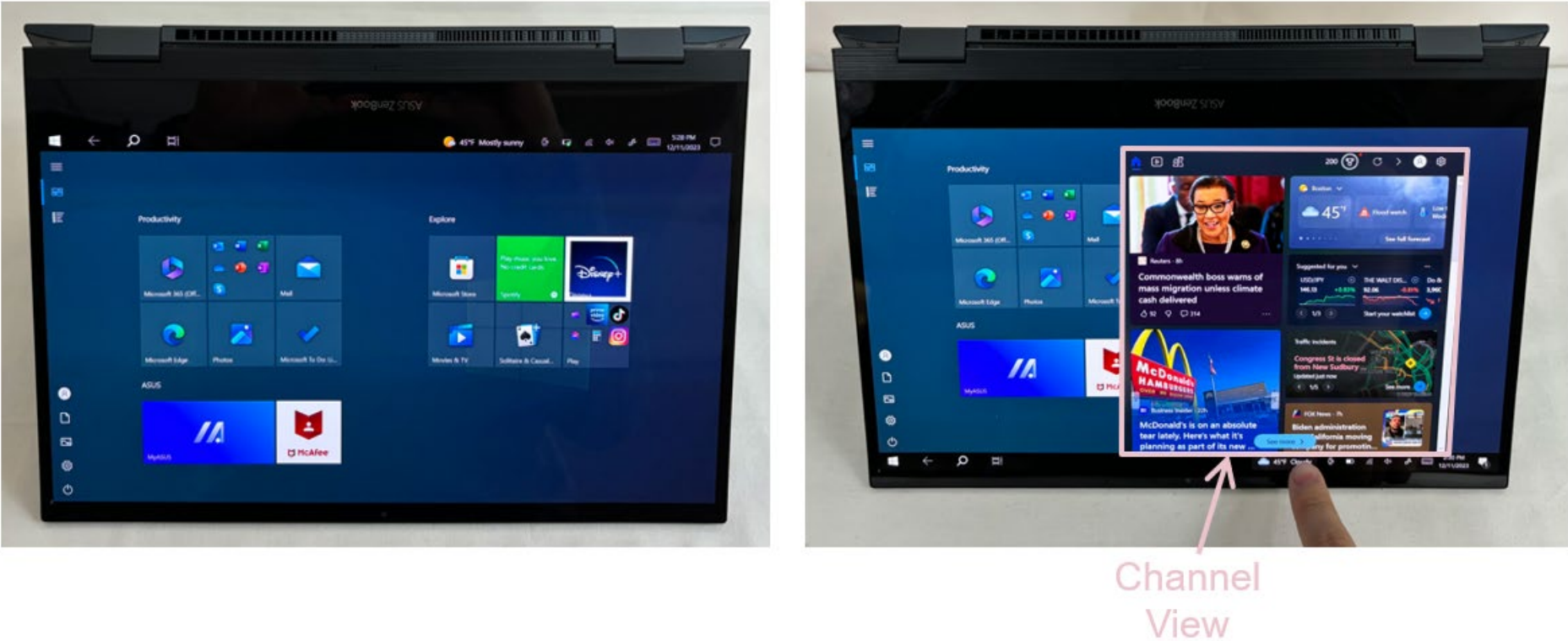
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
16	The user interface of claim 15, wherein the execution component is further configured to transition the computer system to the <u>channel view</u> in response to receiving user input via at least one input device integral to or operatively connected with the computer system.	The Zenbook Flip 13 (UX363) includes a user interface, wherein the execution component is further configured to transition the computer system to the channel view in response to receiving user input via at least one input device integral to or operatively connected with the computer system. For example: 
17[a]	A <u>customized user interface</u> to display <u>computer content</u> on a <u>display component</u> of a computer system including a <u>keyboard</u>, the user interface comprising:	The Zenbook Flip 13 (UX363) includes a customized user interface to display computer content on a display component of a computer system including a keyboard, the user interface comprising. For example, see limitation 1[a].

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS’S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

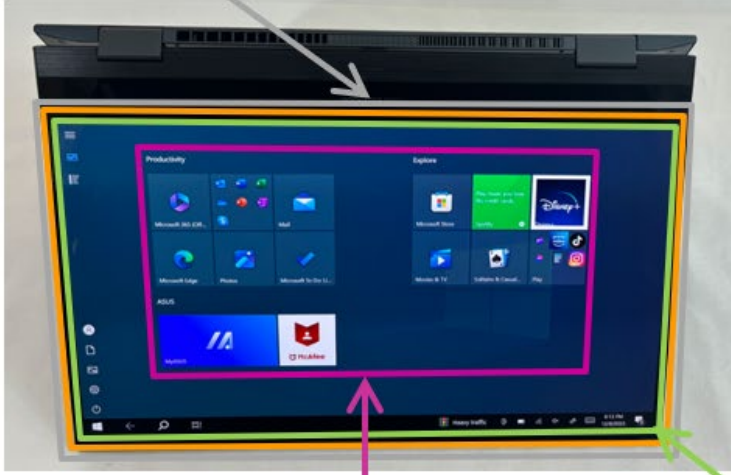
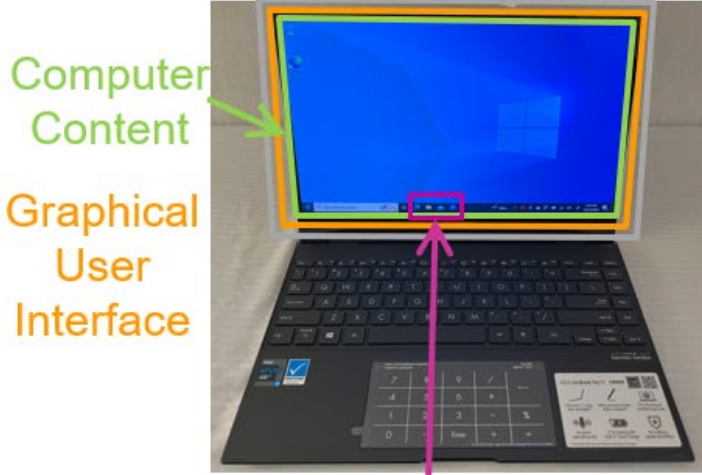
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
17[b]	at least one <u>processor</u> operatively coupled to a <u>memory</u> of the computer system;	The Zenbook Flip 13 (UX363) includes at least one processor operatively coupled to a memory of the computer system. For example, see limitation 1[b].
17[c]	a <u>graphical user interface</u> , executing on at least one processor, configured to display a <u>plurality of views of a plurality of visual representations of the computer content</u> ;	The Zenbook Flip 13 (UX363) includes a graphical user interface, executing on at least one processor, configured to display a plurality of views of a plurality of visual representations of the computer content. For example: 

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS’S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
17[d]	an execution component, executing on the at least one processor, configured to: identify at least a <u>first computer system configuration</u> where the <u>keyboard</u> is operable to receive input from an operator of the computer system to control the computer system and	The Zenbook Flip 13 (UX363) includes an execution component, executing on the at least one processor, configured to identify at least a first computer system configuration where the keyboard is operable to receive input from an operator of the computer system to control the computer system. For example: First Computer System Configuration  For example, the Zenbook Flip 13 (UX363) includes sensors and software that, upon information and belief, interact with the processor to identify at least a first computer system configuration. For example, some sensors are noted above for limitation 1[e].

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS'S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

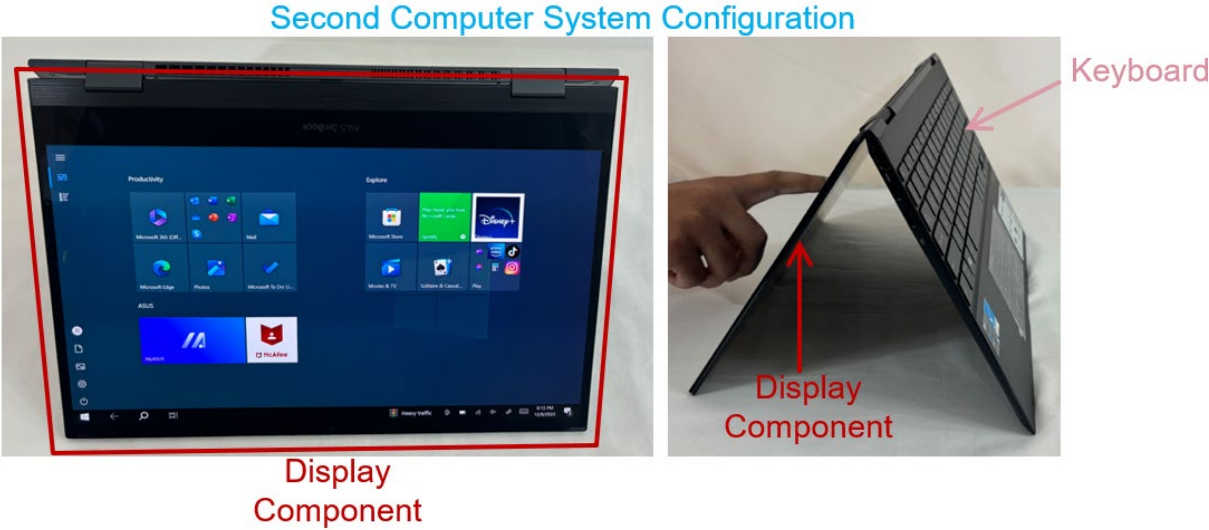
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
17[e]	a <u>second computer system configuration</u> where the <u>keyboard</u> is inoperable to receive input from the operator of the computer system to control the computer system based on sensor input indicating a position of the <u>display component</u> ;	The Zenbook Flip 13 (UX363) includes an execution component, executing on the at least one processor, configured to identify at least a second computer system configuration where the keyboard is inoperable to receive input from the operator of the computer system to control the computer system based on sensor input indicating a position of the display component. For example: Second Computer System Configuration  For example, the Zenbook Flip 13 (UX363) includes sensors and software that, upon information and belief, interact with the processor to identify at least a second computer system configuration where the keyboard is inoperable to receive input from the operator of the computer system to control the computer system based on sensor input indicating a position of the display component. For example, some sensors are noted above for limitation 1[e]. For example, the keyboard is automatically disabled when the Zenbook Flip 13 (UX363) is in easel mode or frame mode. For example, see limitation 1[f].

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS'S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

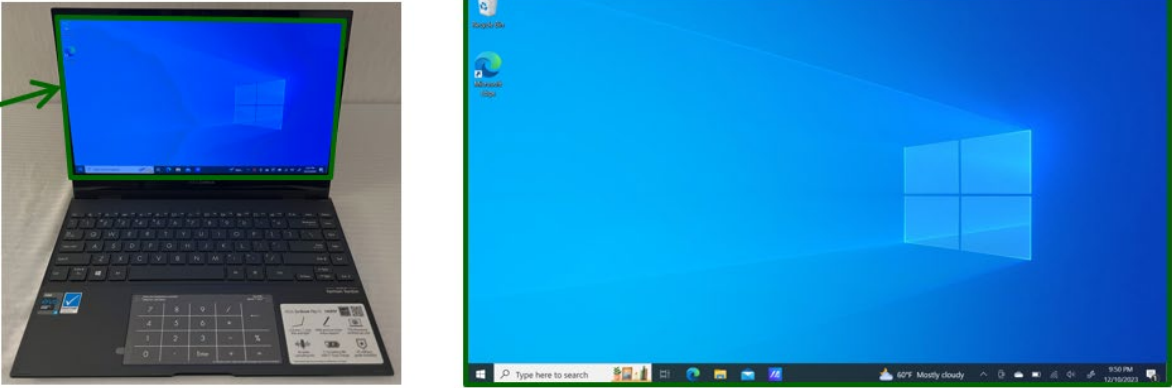
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
17[f]	select, responsive to the sensor input, a <u>first content view</u> from the <u>plurality of views</u> for the <u>first computer system configuration</u> ;	The Zenbook Flip 13 (UX363) includes an execution component that is configured to select, responsive to the sensor input, a first content view from the plurality of views for the first computer system configuration. For example: Plurality of Views  First Computer System Configuration First Content View 

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS'S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

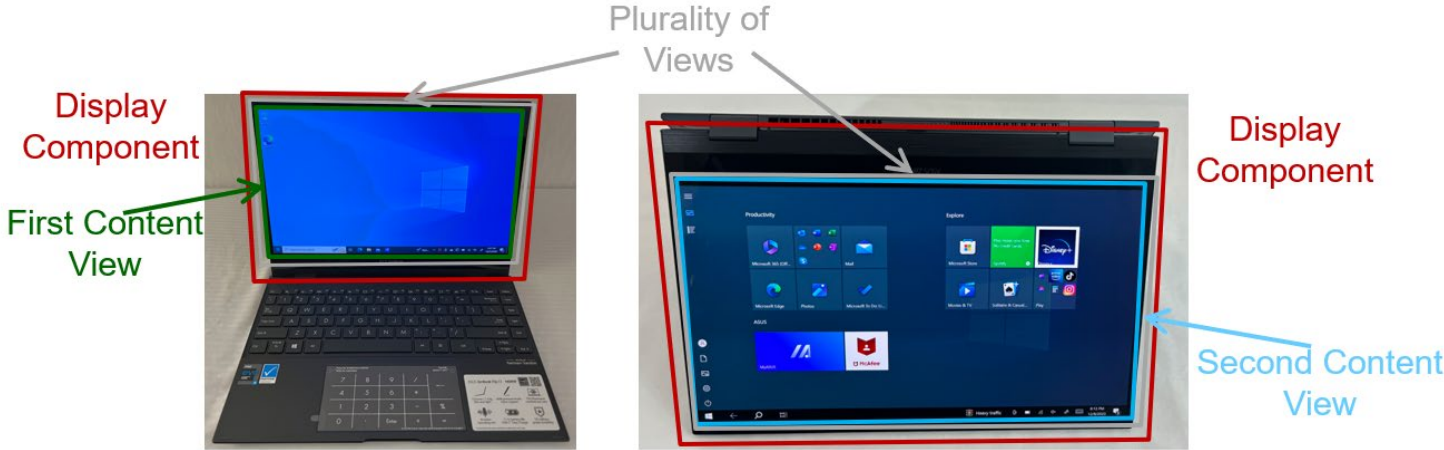
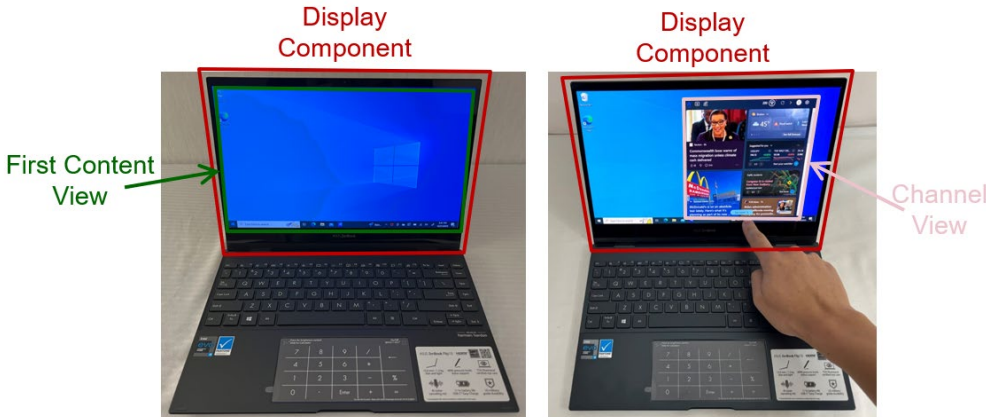
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
17[g]	transition, automatically in response to the sensor input, the <u>display component</u> between at least the <u>first content view</u> of the <u>plurality of views</u> and a <u>second content view</u> of the <u>plurality of views</u> ;	The Zenbook Flip 13 (UX363) includes an execution component that is configured to transition, automatically in response to the sensor input, the display component between at least the first content view of the plurality of views and a second content view of the plurality of views. For example: 
17[h]	receive user input via at least one input device integral to or operatively connected with the computer system; and transition, automatically in response to receiving the user input, the <u>display component</u> from one of the <u>first content view</u> and the <u>second content view</u> to a <u>channel view</u> including a <u>channel selector</u> that displays a <u>sequence of visual representations</u> .	The Zenbook Flip 13 (UX363) includes an execution component that is configured to receive user input via at least one input device integral to or operatively connected with the computer system; and transition, automatically in response to receiving the user input, the display component from one of the first content view and the second content view to a channel view including a channel selector that displays a sequence of visual representations. For example: 

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS'S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

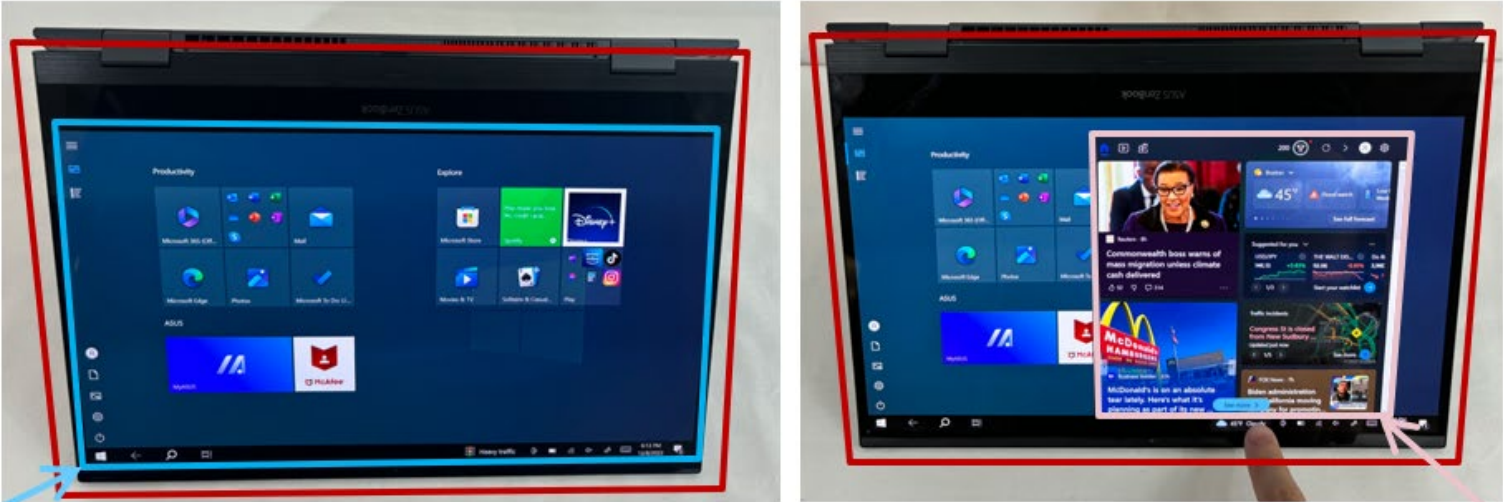
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
		 Second Content View Display Component Display Component Channel View

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS’S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
		 Channel Selector Sequence of Visual Representations

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS'S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

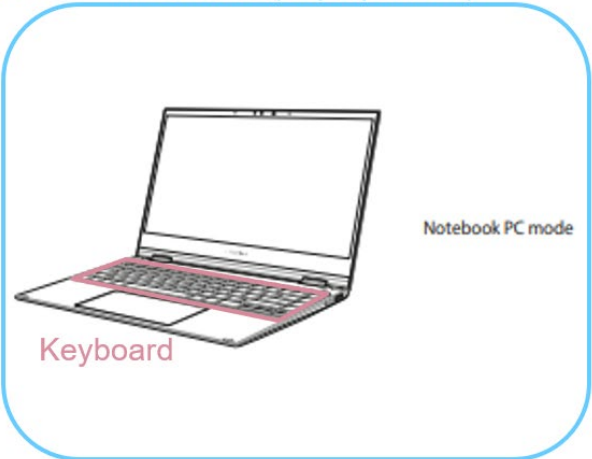
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
19	The user interface of claim 1, wherein the first mode is a laptop mode where the keyboard is oriented to be accessible to the operator and wherein the second mode is an easel mode or a frame mode where the keyboard is oriented to be inaccessible to the operator.	The Zenbook Flip 13 (UX363) includes a user interface, wherein the first mode is a laptop mode where the keyboard is oriented to be accessible to the operator and wherein the second mode is an easel mode or a frame mode where the keyboard is oriented to be inaccessible to the operator. For example: First Mode (Laptop Mode) User Interface  First Mode (Laptop Mode)  ASUS_0002331 at ASUS_0002376 First Mode (Laptop Mode)  https://www.youtube.com/watch?v=9W7FWNjMc3w&t=20s at 0:44

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS'S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

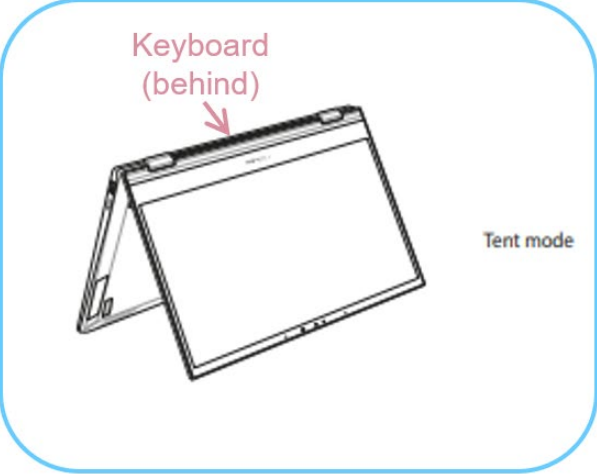
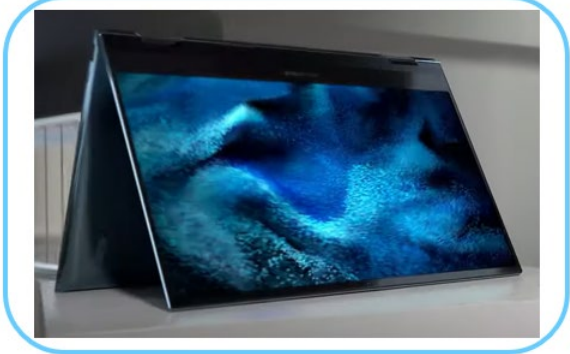
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
		Second Mode (Easel Mode)  Keyboard (behind) User Interface Second Mode (Easel Mode)  Keyboard (behind) Tent mode ASUS_0002331 at ASUS_0002377 Second Mode (Easel Mode)  https://www.youtube.com/watch?v=9W7FWNjMc3w&t=20s at 0:31

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS’S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
20[a]	A <u>customized user interface</u> to display <u>computer content</u> on a <u>display component</u> of a computer system including a <u>keyboard</u> , the user interface comprising:	The Zenbook Flip 13 (UX363) includes a customized user interface to display computer content on a display component of a computer system including a keyboard. For example, see limitation 1[a].
20[b]	at least one <u>processor</u> operatively connected to a <u>memory</u> of the computer system;	The Zenbook Flip 13 (UX363) includes at least one processor operatively connected to a memory of the computer system. For example, see limitation 1[b].
20[c]	a <u>graphical user interface</u> , executing on the at least one processor, configured to display the <u>computer content</u> on the <u>display component</u> of the computer system,	The Zenbook Flip 13 (UX363) includes a graphical user interface, executing on the at least one processor, configured to display the computer content on the display component of the computer system. For example, see limitation 1[c].
20[d]	the <u>graphical user interface</u> configured to: display a <u>plurality of views of a plurality of visual representations</u> of computer content, wherein the <u>computer content</u> includes at least one of selectable digital content, <u>selectable computer operations</u> and passive digital content;	The Zenbook Flip 13 (UX363) includes a graphical user interface configured to display a plurality of views of a plurality of visual representations of computer content, wherein the computer content includes at least one of selectable digital content, selectable computer operations and passive digital content. For example, see limitation 1[d].

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS’S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

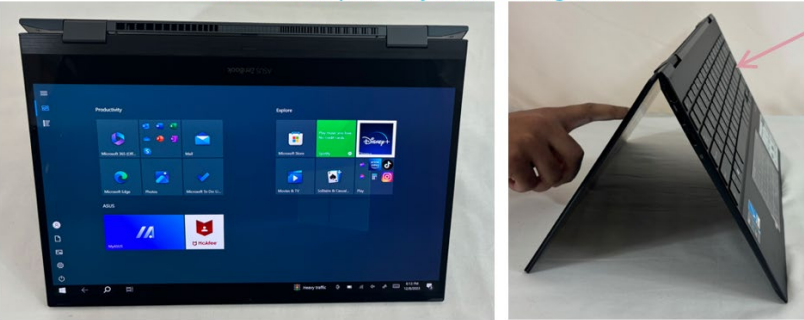
Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
20[e]	an execution component, executing on the at least one processor, configured to: detect a current computer system configuration from at least a <u>first computer system configuration</u> where the <u>keyboard</u> is positioned to receive input from an operator of the computer system and	The Zenbook Flip 13 (UX363) includes an execution component that executes on the processor and is configured to detect a current computer system configuration from at least a first computer system configuration where the keyboard is positioned to receive input from an operator of the computer system. For example: First Computer System Configuration  For example, the Zenbook Flip 13 (UX363) includes sensors and software that, upon information and belief, interact with the processor to detect a current computer system configuration. For example, some sensors are noted above for limitation 1[e].
20[f]	a <u>second computer system configuration</u> where the <u>keyboard</u> is not positioned to receive input from the operator of the computer system;	The Zenbook Flip 13 (UX363) includes an execution component that executes on the processor and is configured to detect a current computer system configuration from at least a second computer system configuration where the keyboard is not positioned to receive input from the operator of the computer system. For example: Second Computer System Configuration  For example, the Zenbook Flip 13 (UX363) includes sensors and software that, upon information and belief, interact with the processor to detect a current computer system configuration. For example, some sensors are noted above for limitation 1[e].

EXHIBIT F: INITIAL CLAIM CHARTS REGARDING ASUS’S INFRINGEMENT OF U.S. PATENT NO. 9,880,715

Claim	9,880,715 Claims	Zenbook Flip 13 (UX363)
20[g]	select one of the <u>plurality of views</u> for display on the computer system in response to the detected current computer system configuration; and	The Zenbook Flip 13 (UX363) includes an execution component that executes on the processor and is configured to select one of the plurality of views for display on the computer system in response to the detected current computer system configuration. For example, see limitation 1[g].
20[h]	transition the display component to the selected <u>one of the plurality of views</u> .	The Zenbook Flip 13 (UX363) includes an execution component that executes on the processor and is configured to transition the display component to the selected one of the plurality of views. For example, see limitation 1[h].