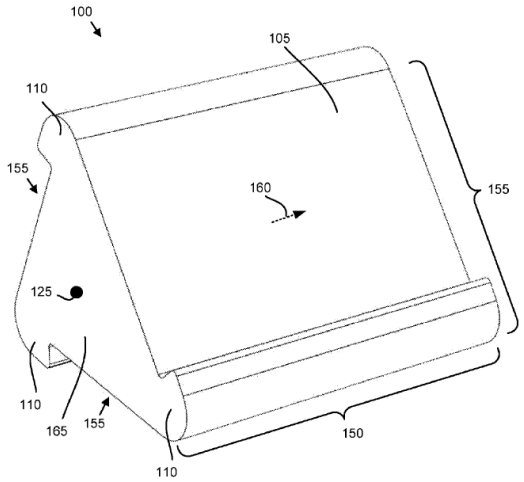
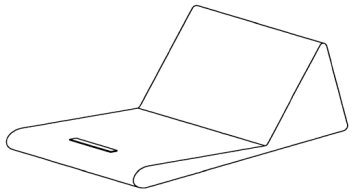
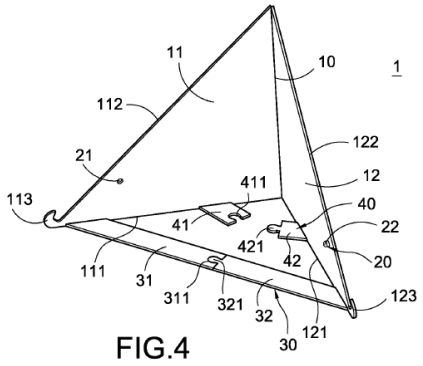
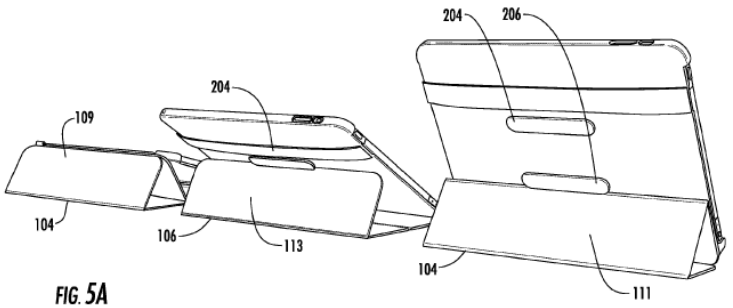
Asserted Claims	Citations to Prior Art
Claim 1	
[1.pre] An apparatus comprising:	**Cannon** Cannon discloses an apparatus for multiple viewing angle media support, which includes three support sides, and where each support side includes a back support and an edge support. Cannon at Abstract, [0004]; *see* Fig. 1.  FIG. 1 **Preece** Preece discloses an iPad stand that "supports the device on the lap without the need to support it with the hands, lifts and tils the screen to a more comfortable 35 degrees for easier viewing and less neck strain." *Id.* at Abstract, 1. **Facet Pyramid** Facet Pyramid discloses a triangular-prism support that allows for a tablet to be propped in three preset viewing positions which can be accessed by rotating the stand. Facet Pyramid at 3. Each face is precisely angled (35º, 55º, and 75º) and provides for a stable, hands-free tilt for typing, watching, or drawing. *Id*. Magnets hold the device in place to the stand. *Id.*; *see also id.* at 6.

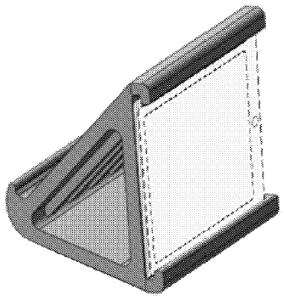
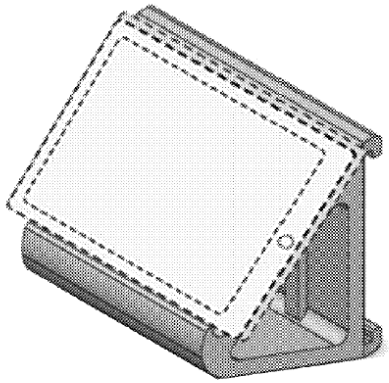
Asserted Claims	Citations to Prior Art
	 *Id.* at 2. **PadPillow**  PadPillow at 1. PadPillow discloses that the tablet-holder is "[a] soft, huggable pillow" which "lets you rest any generation of your iPad on your lap or stomach," and can be adjusted for the floor, a chair, or lying in bed. *Id.* at 2. **Baek** Baek is directed to a "viewing angle control sheet" which enables viewing of a surface at a viewing angle of 40 degrees or more, depending on the incline from the ground (i.e. 20

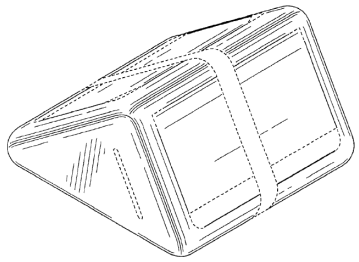
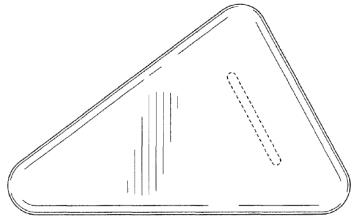
Asserted Claims	Citations to Prior Art
	degrees inclination from the ground or less enables a viewing angle of 40 degrees or more). Baek at Abstract. **Hong** Hong discloses a pillow for use for a tablet computer. Hong describes the shape of the pillow, where one side of the pillow is a triangular prism, and the other side is an inclined surface. Hong at Design Features. Hong discloses that the pillow has the feature of "plac[ing] the tablet computer against one face of the triangular prism" and "[a] strip of coarse material . . . provided at the end of the inclined surface to prevent the tablet computer from sliding off." *Id.*  **Huang** Huang discloses a tablet support pad that can support a tablet at a desired viewing angle. Huang at Abstract. Huang discloses that "The bearing surface and the bottom surface are maintained at an oblique angle relative to each other. The bearing surface features a receiving groove, the transverse width of which is relatively greater than its longitudinal width, allowing a tablet computer to be placed horizontally into the receiving groove. At a location in the receiving groove near the rear side, there is a pillow portion that protrudes from the bearing surface. When the tablet computer is placed vertically in the receiving groove, the pillow portion can be used to elevate the tablet computer's tilt angle to reduce glare." *Id.* at 4. "When the tablet computer 30 is placed vertically in the receiving groove (see "Fig. 3"), the pillow portion 151 can be used to elevate the tilt angle of the tablet computer 30, which can address the issue of screen glare on the tablet computer 30." *Id.* at 5.

Asserted Claims	Citations to Prior Art
	Barcalo Barcalo discloses pillows or cushions to support books or magazines "adjustably" for convenient reading positions. Barcalo at 1:1-4. The support can be used at "varied inclinations" which are "convenient for reading." **Dean** Dean discloses a triangular portable support for maintaining objects in an upright manner. Dean at Abstract. "The support is generally triangular cross section . . . and provided with plural raised projections near each apex." *Id*.; *see also id.* at Fig. 1. **Radtke** Radtke discloses "[a] stand or supporting books, magazines, pamphlets or other reading material . . . having triangular side pieces serving as braces with lateral base strips forming a stabilized bottom." Radtke at Abstract. **Lin** Lin discloses a "one-piece support stand . . . for slantingly supporting an object on a work surface, and the support stand includes a central folding line for dividing the support stand into a left support panel and a right support panel interconnected with each other, and each of the support panels being substantially in a triangular shape and having a bottom edge and a bevel edge, and an inverted hook portion being formed at an intersection of the bottom edge and the bevel edge and bent towards the bevel edge . . . the two bevel edges and the two inverted hook portions being provided for supporting the object." Lin at Abstract; *see also id.* at 1:44-57. Lin summarizes this shape as "substantially in a triangular shape, and both interconnected support panels are provided for slantingly supporting an object on a work surface." *Id.* at 2:1-4. This is described in detail in the below Fig. 4.

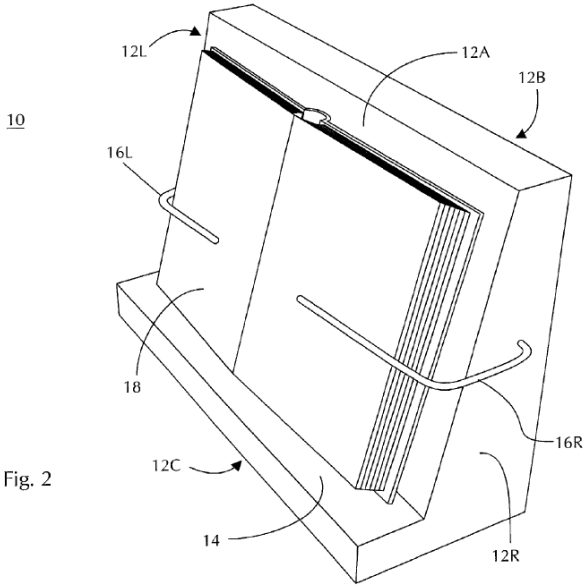
Asserted Claims	Citations to Prior Art
	 FIG.4 The support panels are demonstrated at **11** and **12**. The left bevel edge **112** and right bevel edge **122** end in inverted hook portions **113** and **123** for supporting the object **100** (demonstrated in Fig. 6, below). *See generally id.* at cols. 2-4; *see also id.* at 3:3-9; 3:25-44. **<u>Diebel 2011</u>** Diebel 2011 discloses a foldable cover with panels or sections and hinges that allow the cover to be folded into a stand for an electronic tablet or other electric device. Diebel 2011 at Abstract; 1:59-61; *see also id.* at 5:4-14 (listing numerous media devices which may be used with the disclosures of the patent). A configuration achievable by the foldable cover is a triangular cross-sectional shape. *Id.* at 6:32-33; 6:35-37.

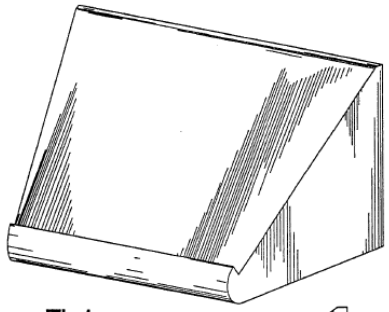
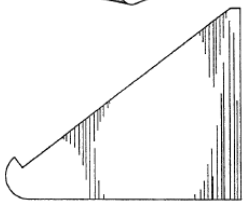
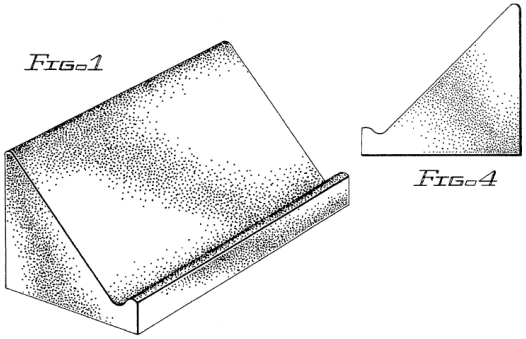
Asserted Claims	Citations to Prior Art
	 FIG. 5A FIG. 5B FIG. 5C *Id.* at Figs. 5A–5C (depicting triangular stand providing different angles); 8:14-60 (Figs. 5A, 5B, and 5C depicting angles from the table of about 15 degrees, 30 degrees, and 60 degrees, respectively, allowing for typing on the device, with 60 degrees regarded as a "viewing angle"); *see also* Fig. 10 (perspective of stand at viewing angle, 60 degrees). **Diebel 2013** Diebel 2013 discloses a cover for a portable electronic device, such as a tablet computer, which "includes a plurality of panel sections and a plurality of hinges" to be "folded along the hinges to act as stand for the portable electronic device." Diebel 2013 at Abstract. Using the foldable hinges, the "stand can support the device in various working and viewing angles, for both portrait and landscape orientations." *Id.* at Abstract. **Klepar 2013** Klepar 2013 discloses a "multi-position stand for supporting an electronic display device in one or more use configurations and comprises: a first receiving panel configured to support the electronic display; a second receiving panel attached to the first receiving panel, the second receiving panel configured to support a second electronic display; and a base panel attached to the first receiving panel and to the second receiving panel to form a substantially triangular cylinder." Klepar 2013 at Abstract; *see also id.* at [0001],

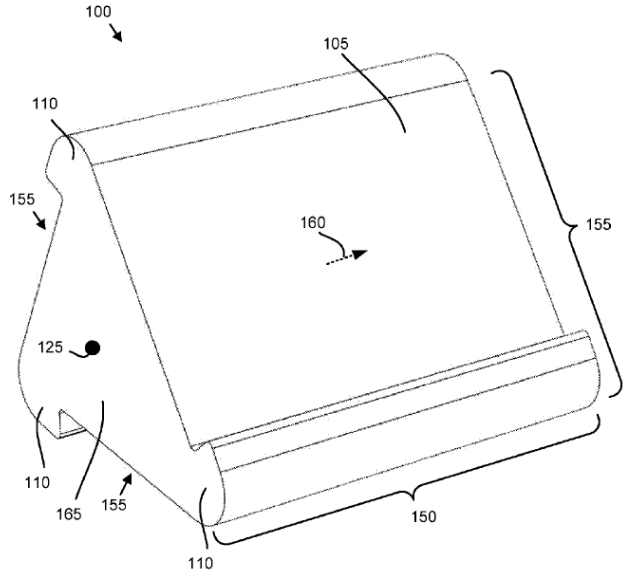
Asserted Claims	Citations to Prior Art
	[0012]. The invention is designed to hold a variety of electronic display devices, described at paragraph [0028]. **<u>Klepar 2014</u>** Klepar 2014 discloses a duel-positioning tablet pillow stand. Some illustrative, non-limiting figures from the patent are set forth below.  **Fig. 1** Fig. 1 is a perspective view of a dual-positioning tablet pillow stand supporting an image display device in a first viewing position, in accordance with the claimed design.  **Fig. 4**

Asserted Claims	Citations to Prior Art
	Fig. 4 is perspective view of the dual-positioning tablet pillow stand of Fig. 1 support an image display device in a second viewing position, in accordance with the claimed design. **<u>Padilla 2013</u>** Padilla 2013 discloses an ornamental tablet stand. Illustrative, non-limiting examples are set forth below.  FIG. 2 Fig. 2 is a perspective view of the tablet stand.  FIG. 6 Fig. 6 is a side view of one side thereof.

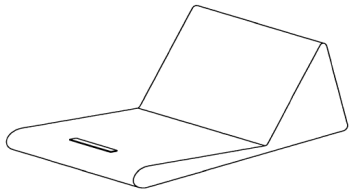
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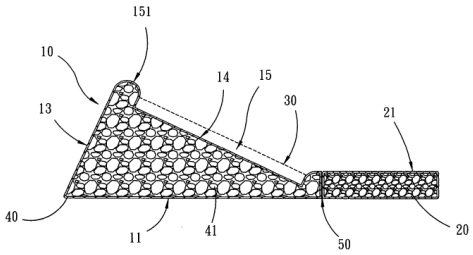
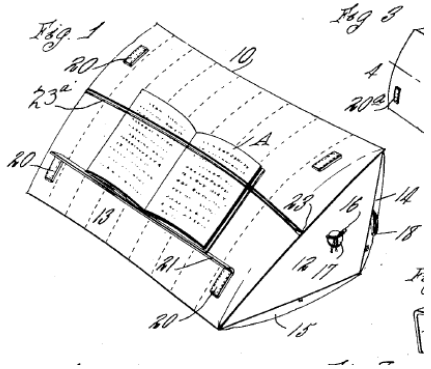
Asserted Claims	Citations to Prior Art
	Halpin Halpin discloses a "book-holding device constructed from a block of semi-rigid foam, including a cut-out which forms a frontal ledge." Halpin at Abstract; [0002], [0027], [0029]. The structure is pliable allowing for books of a variety of sizes and thickness to fit within the book holder. *Id.* at [0027].  Fig. 2 **Ure** Ure discloses a "portable book stand" "adapted for attachment to the back of a pew, bench, chair, or similar item, as well as free-standing use on a flat surface such as a table." Ure at Abstract; *see also id.* at 1:4-7. **Falter** Falter discloses a triangular lap desk with an edge.

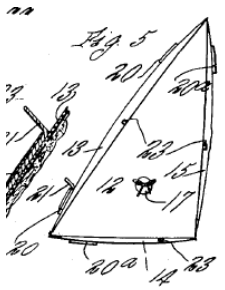
Asserted Claims	Citations to Prior Art
	 Fig.1  Fig.2 **Tubbs** Tubbs discloses a triangular reading stand with a ledge.  FIG. 1 FIG. 4 **Padilla 2014** Padilla 2014 discloses a "case for a tablet computer" that is "configurable to several positions" where "[a]t each position, the tablet computer may be supported in a variety of angles." Padilla 2014 at Abstract; [0001]; [0003] ("at least two standing positions"); [0007]. Padilla 2014 discloses that "[i]n a low stand position, the case provides support

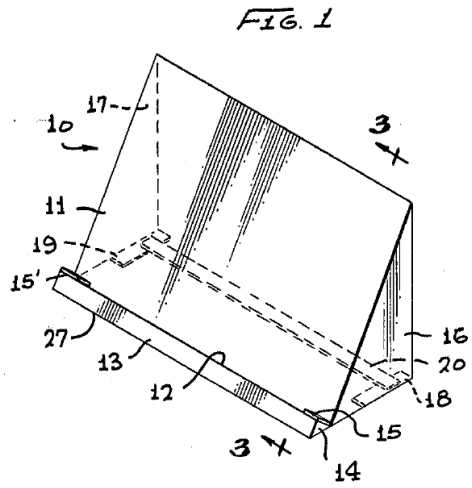
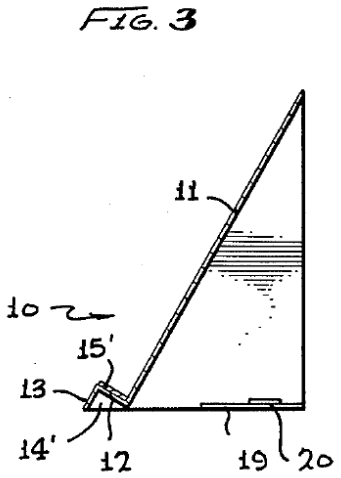
Asserted Claims	Citations to Prior Art
	and optimal viewing angles for activities such as typing on the tablet computer. In a high loft position, the tablet computer is raised to eye level for ergonomic comfort and ease of use for activities such as viewing videos on the tablet." *Id.* at Abstract; *see also id.* at [0008], [0021]. Padilla 2014 further discloses that the case has mechanisms to allow it to be "configurable" and which "provide stability." *Id.* at Abstract; [0021].
[1.a] three support sides, each support side comprising a back support and an edge support,	**Cannon** Cannon discloses an apparatus for multiple viewing angle media support, which includes three support sides, and where each support side includes a back support and an edge support. Cannon at Abstract, [0004]; *see* Fig. 1.  FIG. 1 The three support sides **155** comprise a support back **105** and a support edge **110**. *Id.* at [0016].

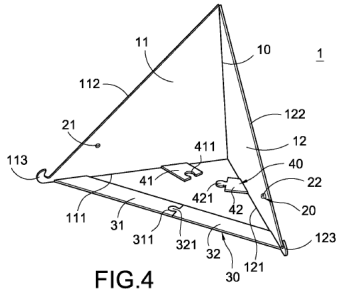
Asserted Claims	Citations to Prior Art
	Preece Preece discloses that the "device can be supported in both landscape or portrait mode." *Id.* at Abstract, 1.  *Id.* at 5. **PadPillow**  PadPillow at 1. PadPillow discloses that the tablet-holder is "[a] soft, huggable pillow" which "lets you rest any generation of your iPad on your lap or stomach," and can be adjusted for the floor, a chair, or lying in bed. *Id.* at 2.

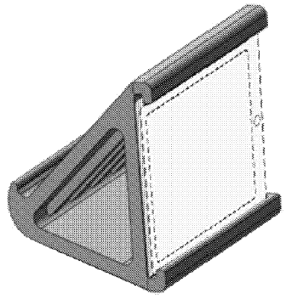
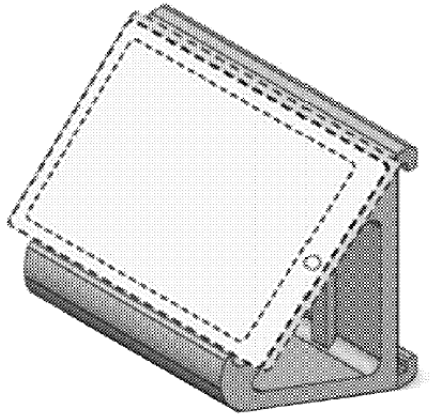
Asserted Claims	Citations to Prior Art
	When the sections of the tablet-holder are folded together, as pictured above, the raised leather label "acts as a simple stopper" for the iPad, which "rests at an ideal angle for all . . . multimedia applications." *Id.* **Hong** Hong discloses a pillow for use for a tablet computer. Hong describes the shape of the pillow, where one side of the pillow is a triangular prism, and the other side is an inclined surface. Hong at Design Features. Hong discloses that the pillow has the feature of "plac[ing] the tablet computer against one face of the triangular prism" and "[a] strip of coarse material . . . provided at the end of the inclined surface to prevent the tablet computer from sliding off." *Id.*  **Huang** The tablet is based on the bearing surface (14) which extends rearward and upward along the longitudinal direction of the front side surface (12), toward the rear side surface (13), such that the rear side surface and the bearing surface are at an oblique angle. *See also* Fig. 2 (below).

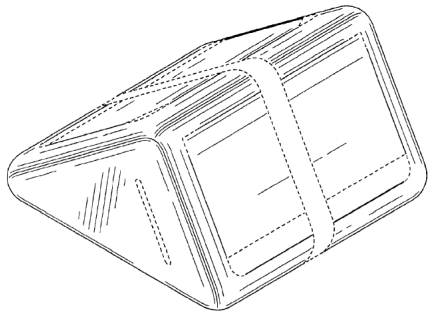
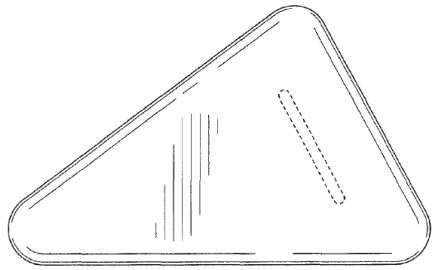
Asserted Claims	Citations to Prior Art
	 第2圖 **Barcalo** Barcalo discloses a pillow for use of propping materials for reading which is triangular in shape. "The ends 12 of the case or sack are triangular in shape, being preferably obtuse angled triangles . . . [with] the triangular ends . . . connected by rectangular faces 13, 14 and 15. Such a pillow is, therefore, triangular in transverse cross section. The edges of the triangular ends are preferably nearly, but not equal in length, and all the angles of the triangle also are preferably unequal, so that when the pillow is supported upon different side faces, the other side faces will make different inclinations to the supporting surface." *Id.* at 1:79-91. *See, e.g.*, Fig. 1.  Figure 5 shows an end elevation of the pillow in Figs. 1-4, showing the small pockets on all three faces.

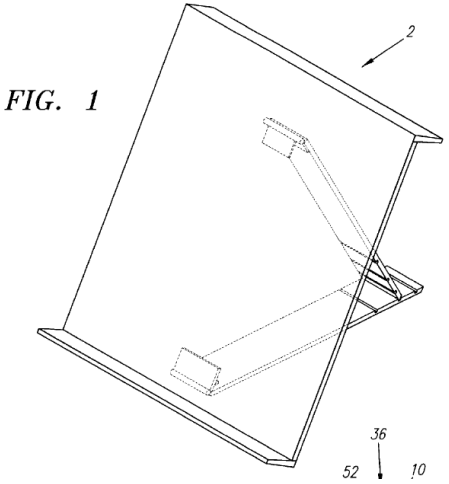
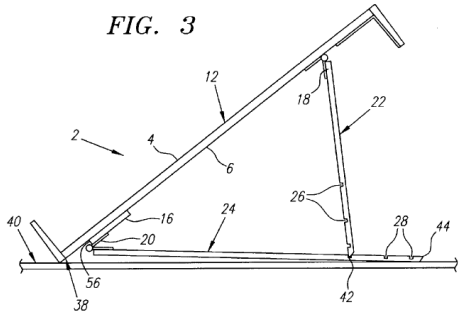
Asserted Claims	Citations to Prior Art
	 Barcalo further discloses that "[a] bar 21 serves as the rest and is provided with depending angular feet 22 which are received in the pockets 20 along either side edge of a side face of the pillow, as shown in Fig. 1. The bar or rest 21 thus forms a flange or ledge extending away from the side face of the pillow against which it is placed, and holds a book or magazine or other article A, that may rest upon this inclined face of the pillow, from sliding down this inclined face. For example, in Fig. 1, this rest or bar 21 is adjacent the lower edge portion of the face 13 when the pillow is resting upon the side face 15" (see above). *Id.* at 2:32-44. **Radtke** Radtke discloses that "[t]he front or lower edge or back member includes a forwardly angled lip on which the book or other reading material rests and further includes a downwardly angled front support member engaging the support surface for stabilizing the lip." *Id.*; *see also id.* at 1:36-48; 1:63-68 ("[a] further object of the present invention is to provide a novel book stand which is portable and comprises a rearwardly sloping or angled back member having a reinforced lip at its lower end and lateral brace means on opposite sides thereof as well as a base support means to rigidize the construction.").

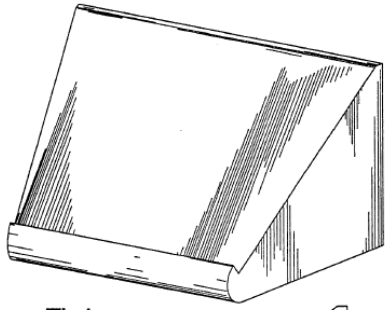
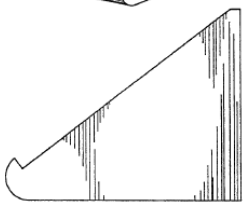
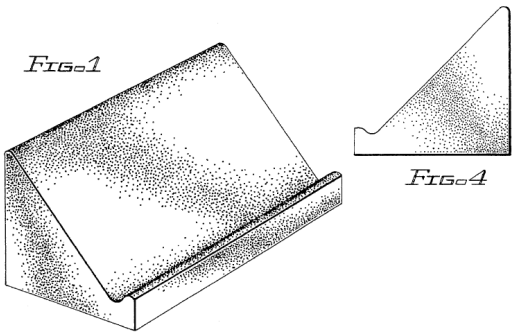
Asserted Claims	Citations to Prior Art
	  The back member **11** supports the back of the reading material, and extends or slopes rearwardly from the front of the device. The lower end of the back member **11** forms a lip **12** which slopes forwardly from the back member at an angle "so as to support the bottom of the reading material." *Id.* at 2:30-37. The lip **12** is supported by a forward element **13** which includes triangular pieces **14** on each side of the lip or tray like construction. Reinforcing tabs **15** are also provided adjacent to each of the triangular section **15.** *Id.* at 2:37-41. "[I]t can be seen that the combined structure of the angled lip **12** and the sloping back member **11** serves as a tray like support for the reading material carried therein. The reading material is at a preferred and predetermined angle with respect to the viewers eye so that the reading procedure is augmented." *Id.* at 2:56-61. **Lin** Lin summarizes this shape as "substantially in a triangular shape, and both interconnected support panels are provided for slantingly supporting an object on a work surface." *Id.* at 2:1-4. This is described in detail in the below Fig. 4.

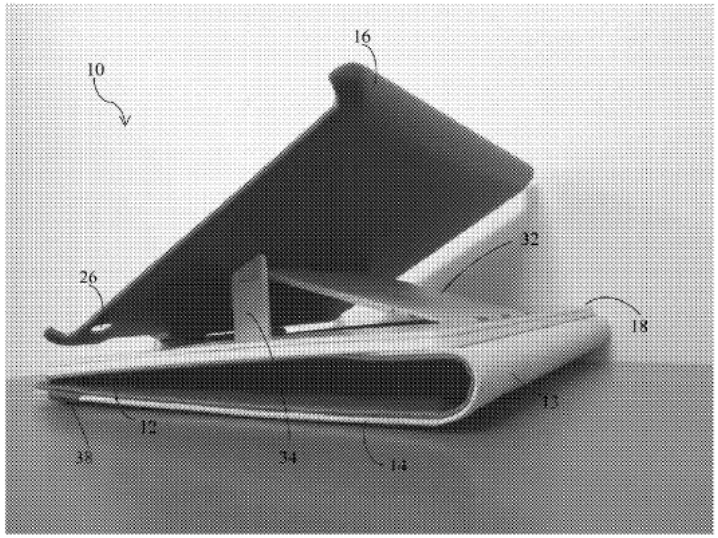
Asserted Claims	Citations to Prior Art
	 FIG.4 The support panels are demonstrated at **11** and **12**. The left bevel edge **112** and right bevel edge **122** end in inverted hook portions **113** and **123** for supporting the object **100** (demonstrated in Fig. 6, below). *See generally id.* at cols. 2-4; *see also id.* at 3:3-9; 3:25-44. **Klepar 2013** Klepar 2013 discloses that the invention may have "a first receiving panel having an L-channel configured to support a first electronic display; a second receiving panel attached to the first receiving panel, the second receiving panel having a support channel configured to support a second electronic display; and a base panel attached to the first receiving panel and to the second receiving panel, the base panel forming a structure with the first receiving panel and the second receiving panel, the structure having the shape of a substantially triangular cylinder." *Id.* at [0013]; *see also* [0014]. Fig. 1 shows a perspective view of a multi-position stand according to the present invention, and Fig. 2 shows a computer display device supported by the multi-position stand of Fig. 1. **Klepar 2014** Klepar 2014 discloses a duel-positioning tablet pillow stand. Some illustrative, non-limiting figures from the patent are set forth below.

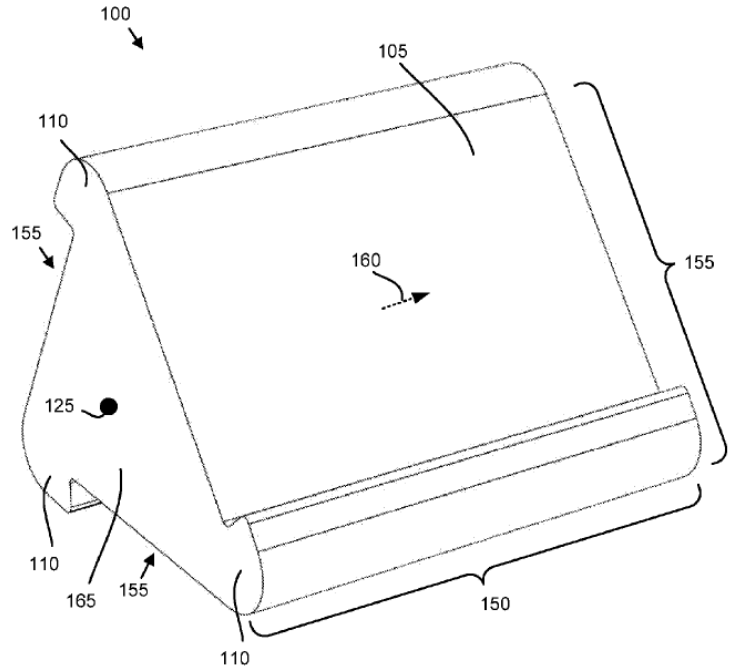
Asserted Claims	Citations to Prior Art
	 Fig. 1 Fig. 1 is a perspective view of a dual-positioning tablet pillow stand supporting an image display device in a first viewing position, in accordance with the claimed design.  Fig. 4 Fig. 4 is perspective view of the dual-positioning tablet pillow stand of Fig. 1 support an image display device in a second viewing position, in accordance with the claimed design.

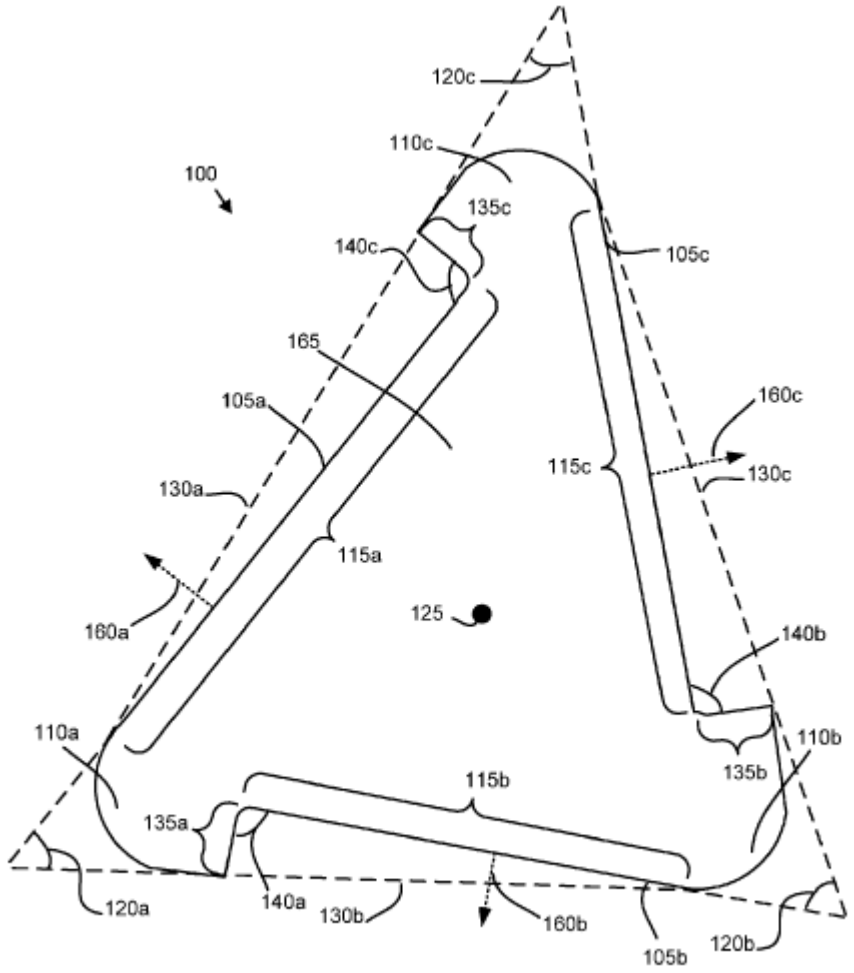
Asserted Claims	Citations to Prior Art
	Padilla 2013 Padilla 2013 discloses an ornamental tablet stand. Illustrative, non-limiting examples are set forth below.  FIG. 2 Fig. 2 is a perspective view of the tablet stand.  FIG. 6 Fig. 6 is a side view of one side thereof. .

Asserted Claims	Citations to Prior Art
	Ure Ure discloses that "[t]he angle of the platform relative to the reader can be varied by placing the end of one of the folding arms into a selected one of a plurality of grooves in the other folding arm." *Id.* at Abstract; *see also id.* at 1:41-44.  *FIG. 1* *FIG. 3*  As shown in Fig. 3, the book stand **2** is capable of being placed on a table **40**, or other surface. By inserting the first tip **42** into a selected one of the plurality of second

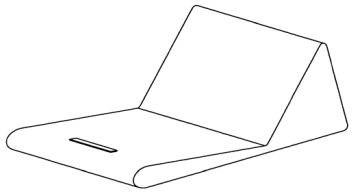
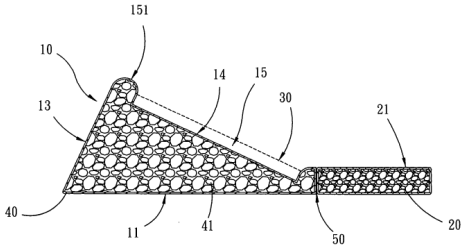
Asserted Claims	Citations to Prior Art
	transverse grooves **28** on the second folding arm **24**, the platform **12** of the book stand **2** can be elevated to various angles for the user's convenience. *Id.* at 4:56-5:13. **Falter** Falter discloses a triangular lap desk with an edge.  Fig.1  Fig.2 **Tubbs** Tubbs discloses a triangular reading stand with a ledge.  FIG. 1 FIG. 4

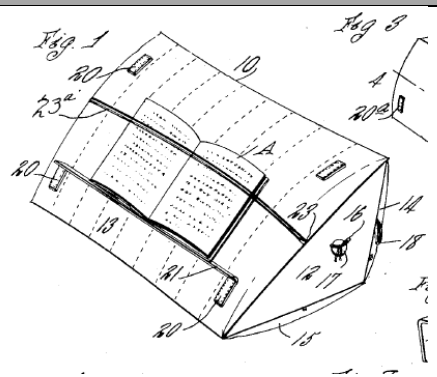
Asserted Claims	Citations to Prior Art
	Padilla 2014 Figure 3 
[1.b] wherein a top of each back support is in physical communication with an adjacent edge support clockwise about a central axis and each back support and each edge support is in physical communication with two ends of a solid interior,	**Cannon** Cannon discloses an apparatus for multiple viewing angle media support, which includes three support sides, and where each support side includes a back support and an edge support. Cannon at Abstract, [0004]; *see* Fig. 1.

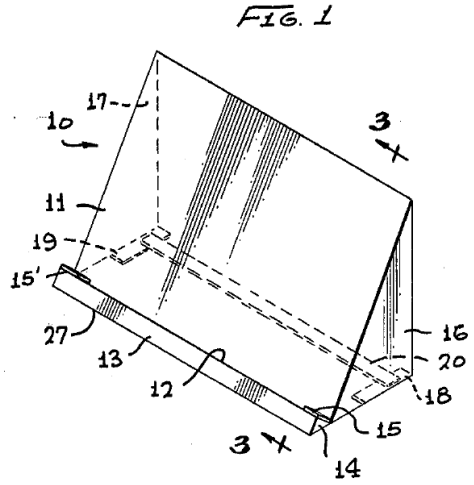
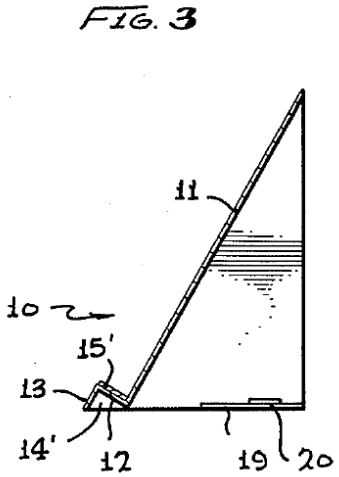
Asserted Claims	Citations to Prior Art
	 FIG. 1 The support sides **155** may be disposed about a central axis **125**. *Id.* at [0016]. Cannon discloses that the top of each back support **105** is in communication with an adjacent edge support **100** about the central axis **125** as shown in Fig. 2 (below). *Id.* at [0021].

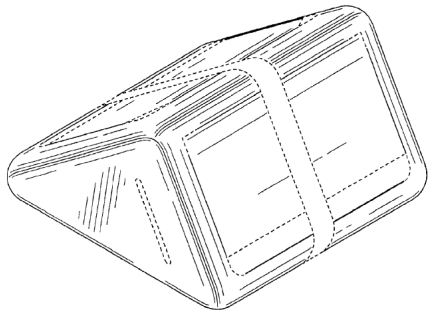
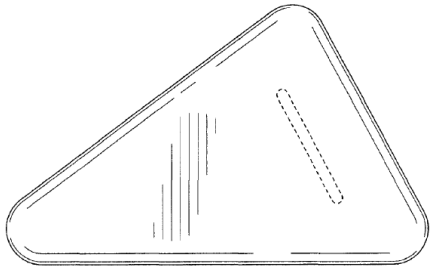
Asserted Claims	Citations to Prior Art
	 FIG. 2 Cannon further discloses an apparatus comprising "three support sides, each support side comprising a back support and an edge support, wherein a top of each back support is in physical communication with an adjacent edge support clockwise about a central axis." *Id.* at [0004], claim 1.

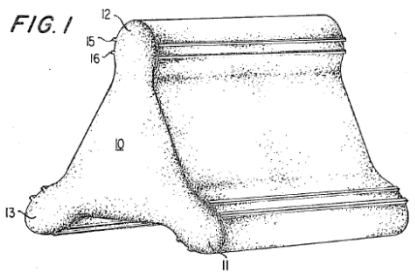
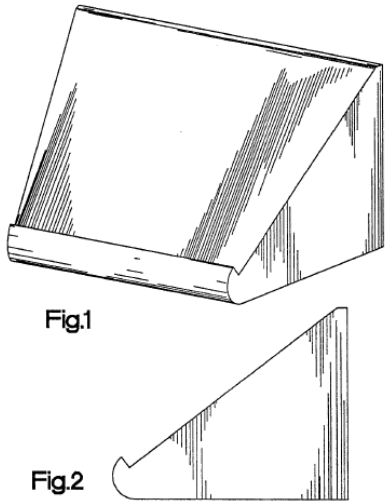
Asserted Claims	Citations to Prior Art
	Cannon further discloses that in one embodiment, each back support **105** and each edge support **110** is a surface of a solid. The solid media surface support **100** may have one or more ends **165.** In addition, the solid media support **100** may be a pillow. *Id.* at [0019]. **PadPillow**  PadPillow at 1. PadPillow discloses that the tablet-holder is "[a] soft, huggable pillow" which "lets you rest any generation of your iPad on your lap or stomach," and can be adjusted for the floor, a chair, or lying in bed. *Id.* at 2. **Hong** Hong discloses a pillow for use for a tablet computer. Hong describes the shape of the pillow, where one side of the pillow is a triangular prism, and the other side is an inclined surface. Hong at Design Features. Hong discloses that the pillow has the feature of "plac[ing] the tablet computer against one face of the triangular prism" and "[a] strip of coarse material . . . provided at the end of the inclined surface to prevent the tablet computer from sliding off." *Id.*

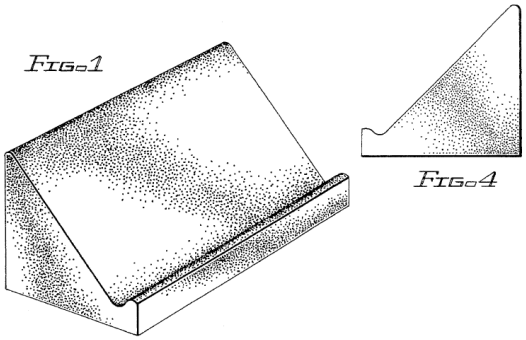
Asserted Claims	Citations to Prior Art
	 **Huang** The tablet is based on the bearing surface (14) which extends rearward and upward along the longitudinal direction of the front side surface (12), toward the rear side surface (13), such that the rear side surface and the bearing surface are at an oblique angle. *See also* Fig. 2 (below).  第2圖 **Barcalo** Barcalo discloses a pillow for use of propping materials for reading which is triangular in shape. "The ends 12 of the case or sack are triangular in shape, being preferably obtuse angled triangles . . . [with] the triangular ends . . . connected by rectangular faces 13, 14 and 15. Such a pillow is, therefore, triangular in transverse cross section. The edges of the triangular ends are preferably nearly, but not equal in length, and all the angles of the triangle also are preferably unequal, so that when the pillow is supported upon different side faces, the other side faces will make different inclinations to the supporting surface." *Id.* at 1:79-91. *See, e.g.*, Fig. 1.

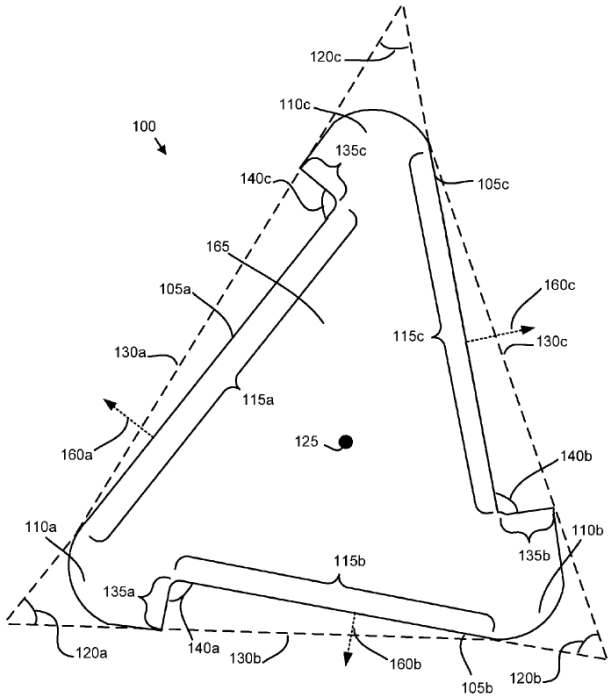
Asserted Claims	Citations to Prior Art
	 Figure 5 shows an end elevation of the pillow in Figs. 1-4, showing the small pockets on all three faces.  Barcalo further discloses that "[a] bar 21 serves as the rest and is provided with depending angular feet 22 which are received in the pockets 20 along either side edge of a side face of the pillow, as shown in Fig. 1. The bar or rest 21 thus forms a flange or ledge extending away from the side face of the pillow against which it is placed, and holds a book or magazine or other article A, that may rest upon this inclined face of the pillow, from sliding down this inclined face. For example, in Fig. 1, this rest or bar 21 is adjacent the lower edge portion of the face 13 when the pillow is resting upon the side face 15" (see above). *Id.* at 2:32-44.

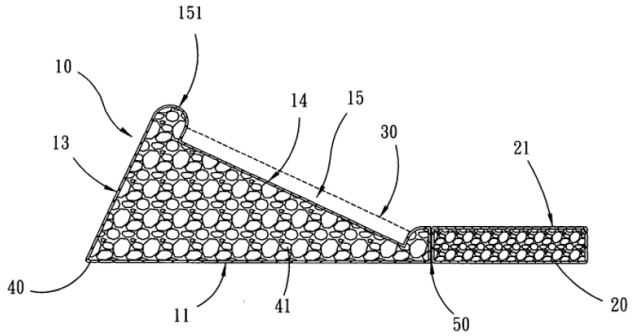
Asserted Claims	Citations to Prior Art
	Radtke Radtke discloses that "[t]he front or lower edge or back member includes a forwardly angled lip on which the book or other reading material rests and further includes a downwardly angled front support member engaging the support surface for stabilizing the lip." *Id.*; *see also id.* at 1:36-48; 1:63-68 ("[a] further object of the present invention is to provide a novel book stand which is portable and comprises a rearwardly sloping or angled back member having a reinforced lip at its lower end and lateral brace means on opposite sides thereof as well as a base support means to rigidize the construction.").   The back member **11** supports the back of the reading material, and extends or slopes rearwardly from the front of the device. The lower end of the back member **11** forms a lip **12** which slopes forwardly from the back member at an angle "so as to support the bottom of the reading material." *Id.* at 2:30-37. The lip **12** is supported by a forward element **13** which includes triangular pieces **14** on each side of the lip or tray like construction. Reinforcing tabs **15** are also provided adjacent to each of the triangular section **15.** *Id.* at 2:37-41. "[I]t can be seen that the combined structure of the angled lip **12** and the sloping back member **11** serves as a tray like support for the reading material

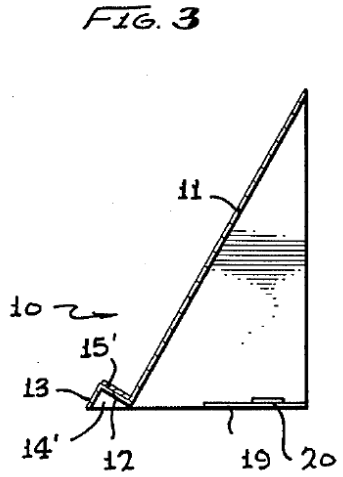
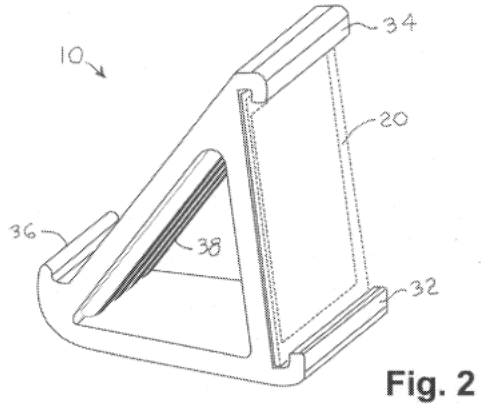
Asserted Claims	Citations to Prior Art
	carried therein. The reading material is at a preferred and predetermined angle with respect to the viewers eye so that the reading procedure is augmented." *Id.* at 2:56-61. **Padilla 2013** Padilla 2013 discloses an ornamental tablet stand. Illustrative, non-limiting examples are set forth below.  FIG. 2 Fig. 2 is a perspective view of the tablet stand.  FIG. 6

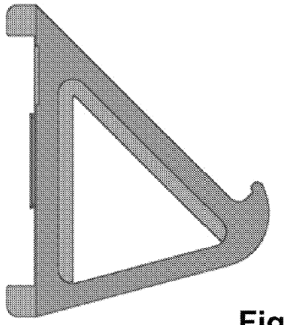
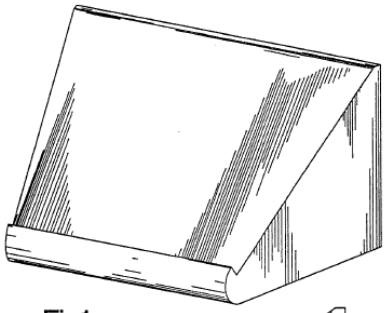
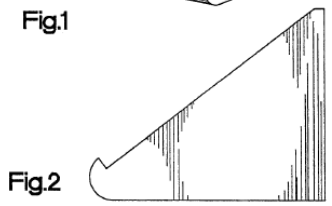
Asserted Claims	Citations to Prior Art
	Fig. 6 is a side view of one side thereof. **Dean**  **Falter** Falter discloses a triangular lap desk with an edge. 

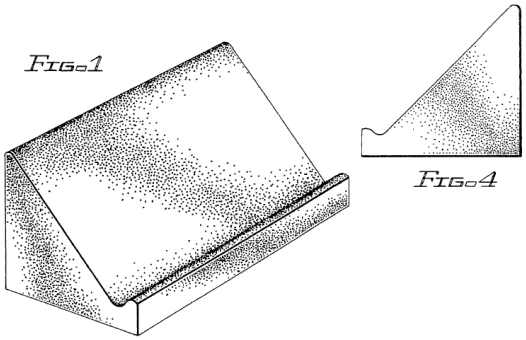
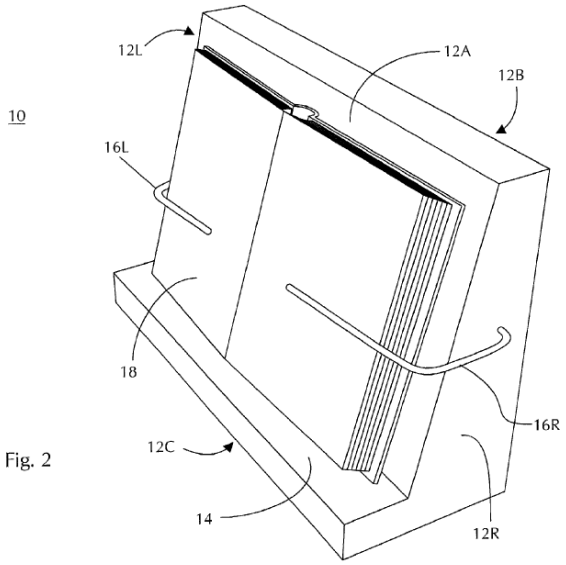
Asserted Claims	Citations to Prior Art
	Tubbs Tubbs discloses a triangular reading stand with a ledge. 
[1.c] each edge support comprises an edge support width of 2 centimeters (cm) with an edge angle of 90 degrees to an adjacent back support,	**Cannon** Cannon further discloses that each edge support has an edge support width of 2 cm. Cannon at claim 9, [0024] ("Each edge support **110** may have an edge support width **135.** The edge support width **135** may be in the range of 1 to 5 cm. In a certain embodiment, the edge support width **135** is 2 cm"). Cannon also discloses an edge angle of 90 degrees to an adjacent back support. *Id.* at [0024] ("In on embodiment, each edge support **110** forms an edge angle **140** with an adjacent back support **105**. The edge angle **140** may be in the range of 85 to 120 degrees. The edge angle **140** may be 90 degrees.").

Asserted Claims	Citations to Prior Art
	 *Id.* at Fig. 2. Further, it would be the routine work of the POSA to measure the width and angle of the edge support. As shown below, the prior art disclosed edge angles of 90 degrees, and taught that the width should be stable enough to hold the media disposed on it, and the POSA would know an element of which is thickness (width).

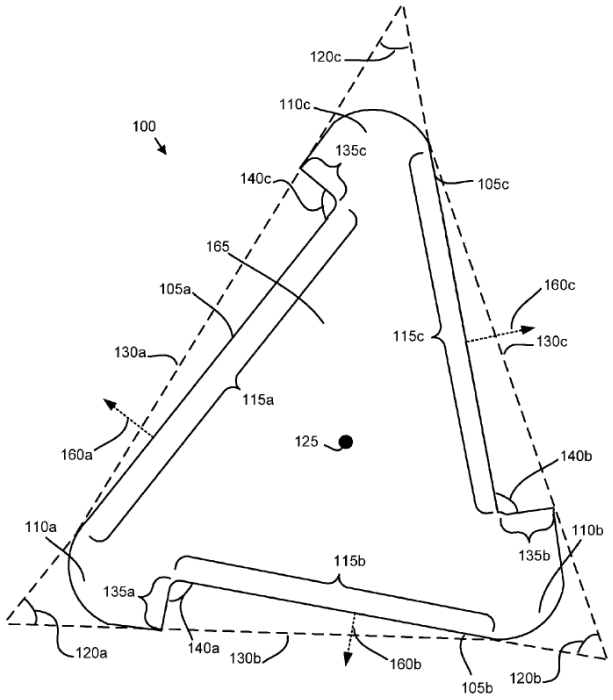
Asserted Claims	Citations to Prior Art
	Huang  第2圖 **Barcalo** 

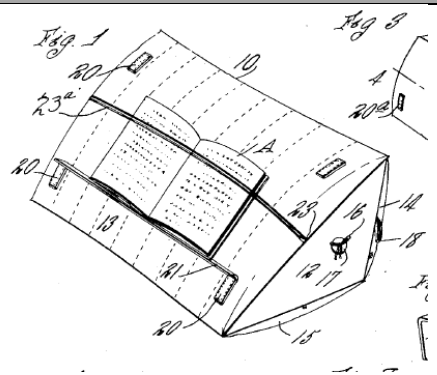
Asserted Claims	Citations to Prior Art
	Radtke  **Klepar 2013**  Fig. 2

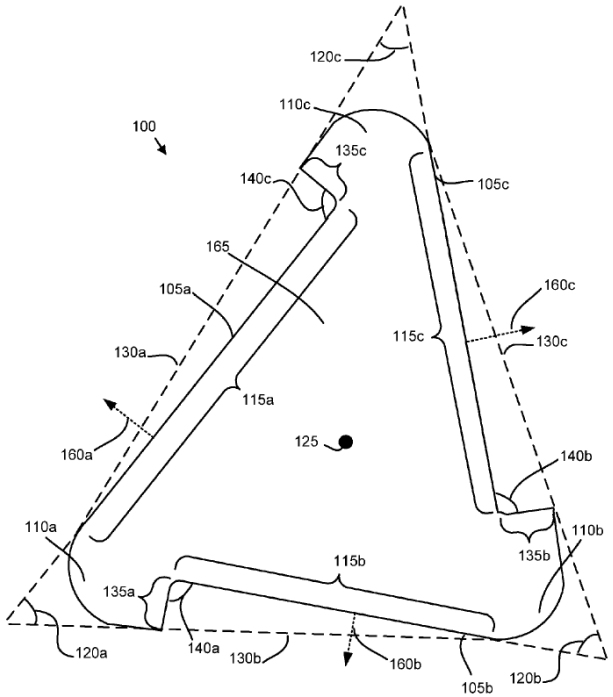
Asserted Claims	Citations to Prior Art
	Klepar 2014  Fig. 7 **Falter** Falter discloses a triangular lap desk with an edge.  Fig.1  Fig.2

Asserted Claims	Citations to Prior Art
	Tubbs Tubbs discloses a triangular reading stand with a ledge.  **Halpin**  Fig. 2

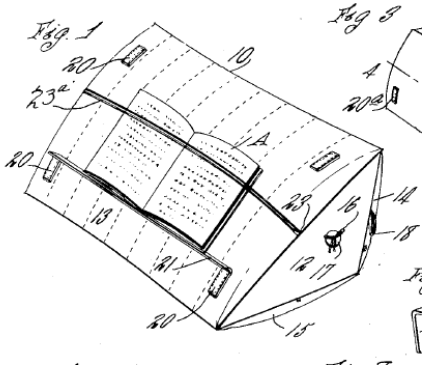
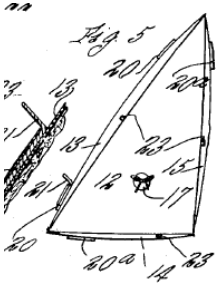
Asserted Claims	Citations to Prior Art
	Preece Preece discloses an iPad stand "is constructed of closed-cell Polyethylene or Ethylene Vinyl Acetate (EVA) foam, giving it a non-slip surface that will not scratch the device, is comfortable on both the arms and thighs, and will not be cold, even on bare skin such as the thighs unlike the device itself." *Id.* at Abstract, 1. **Hong** Hong discloses that the pillow has the feature of "plac[ing] the tablet computer against one face of the triangular prism" and "[a] strip of coarse material . . . provided at the end of the inclined surface to prevent the tablet computer from sliding off." Hong at Design Features. **Barcalo** Specific benefits of the pillow include stability when positioned on the lap and softness which will prevent slipping. *Id.* at 3:56-61. **Dean** Dean discloses that these regions assist in preventing slipping of the object (e.g. cards) propped against the supportive member **10** by having projections **15** and **16** to engage the cards. **Halpin** Halpin discloses structures of sufficient thickness to fit within the holder. *Id.* at [0027].
[1.d] a face of each edge support width oriented clockwise about the central axis,	**Cannon** Cannon discloses the face of each edge support width as oriented clockwise about the central axis. *See* Cannon at Fig. 2, [0004].

Asserted Claims	Citations to Prior Art
	 **Barcalo** Barcalo discloses a pillow for use of propping materials for reading which is triangular in shape. "The ends 12 of the case or sack are triangular in shape, being preferably obtuse angled triangles . . . [with] the triangular ends . . . connected by rectangular faces 13, 14 and 15. Such a pillow is, therefore, triangular in transverse cross section. The edges of the triangular ends are preferably nearly, but not equal in length, and all the angles of the triangle also are preferably unequal, so that when the pillow is supported upon different side faces, the other side faces will make different inclinations to the supporting surface." *Id.* at 1:79-91. *See, e.g.*, Fig. 1.

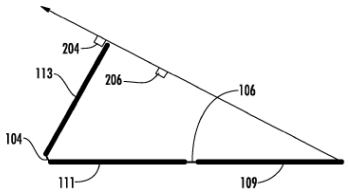
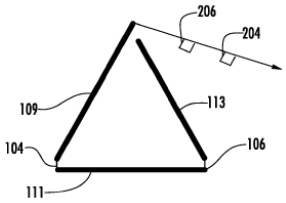
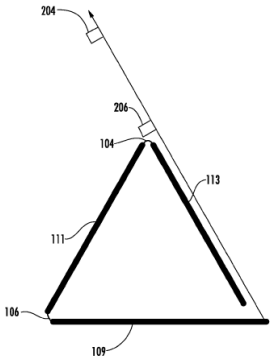
Asserted Claims	Citations to Prior Art
	 Figure 5 shows an end elevation of the pillow in Figs. 1-4, showing the small pockets on all three faces.
[1.e.i] a plane of a first back support is at a first plane angle of 60 degrees to a second virtual plane between the top of a second back support counterclockwise to the first back support and an outer edge of a second edge support counterclockwise to the first back support,	**<u>Cannon</u>** Cannon discloses a plane of a first back support at a first plane angle of 60 degrees to a second virtual plane between the top of a second back support counterclockwise to the first back support and an outer edge of a second edge support counterclockwise to the first back support. Cannon at [0004], [0021] ("A plane of a first back support **105*a*** in a range of 50 to 60 degrees to a second virtual plane **130*b*** between the top of a second back support **105*b*** counterclockwise to the first back support **105*a*** and an outer edge of a seconded edge support **110*b*** counterclockwise to the first back support **105*a***").

Asserted Claims	Citations to Prior Art
	 Cannon further discloses that the arrangement of the longitudinal lengths **115** and the plane angles **120** generate three distinct viewing angles **160.** *Id.* at [0023]. **Facet Pyramid** Facet Pyramid discloses a triangular-prism support that allows for a tablet to be propped in three preset viewing positions which can be accessed by rotating the stand. Facet Pyramid at 3. Each face is precisely angled (35º, 55º, and 75º) and provides for a stable, hands-free tilt for typing, watching, or drawing. *Id*. Magnets hold the device in place to the stand. *Id.*; *see also id.* at 6.

Asserted Claims	Citations to Prior Art
	 *Id.* at 2. **Baek** Baek discloses that "[t]he present invention provides a viewing angle control sheet that enables clear viewing of the display device from a side angle." *Id.* at [0006]. In one embodiment, this is achieved by "a sheet base and a prism portion formed on the sheet base. . . . [T]he prism portion includes prism patterns having different refractive indices, and a refractive index between the prism patterns is implemented in a range of 0.08 to 0.31, thereby achieving a viewing angle of 40 degrees or greater when the display device is arranged at an inclination angle of 20 degrees or less relatively to the ground." *Id.* at [0008]. In another embodiment, "a viewing angle control sheet formed on a display device includes a sheet base and a prism portion having a first prism pattern formed on the sheet base and a second prism pattern formed on the first prism pattern. Here, the refractive index difference between the prism patterns is implemented in a range of 0.08 to 0.31." *Id.* at [0009]. Baek further discloses that "When the viewing angle control sheet according to the present invention is formed on a display device and used, the viewing angle of the display device can be adjusted to a desired angle by using the viewing angle control sheet. As a result, a user can clearly view the screen of the display device from a desired position." *Id.* at [0010].; *see also id.* at Effect of Invention, generally. Baek specifically discloses an embodiment with a viewing angle of 49 degrees and 41 degrees (Figs. 12 and 13, [0062]-[0064], [0068]-[0070]).

Asserted Claims	Citations to Prior Art
	Barcalo Barcalo discloses a pillow for use of propping materials for reading which is triangular in shape. "The ends 12 of the case or sack are triangular in shape, being preferably obtuse angled triangles . . . [with] the triangular ends . . . connected by rectangular faces 13, 14 and 15. Such a pillow is, therefore, triangular in transverse cross section. The edges of the triangular ends are preferably nearly, but not equal in length, and all the angles of the triangle also are preferably unequal, so that when the pillow is supported upon different side faces, the other side faces will make different inclinations to the supporting surface." *Id.* at 1:79-91. *See, e.g.*, Fig. 1.  Figure 5 shows an end elevation of the pillow in Figs. 1-4, showing the small pockets on all three faces. 

Asserted Claims	Citations to Prior Art
	Barcalo further discloses that "[a] bar 21 serves as the rest and is provided with depending angular feet 22 which are received in the pockets 20 along either side edge of a side face of the pillow, as shown in Fig. 1. The bar or rest 21 thus forms a flange or ledge extending away from the side face of the pillow against which it is placed, and holds a book or magazine or other article A, that may rest upon this inclined face of the pillow, from sliding down this inclined face. For example, in Fig. 1, this rest or bar 21 is adjacent the lower edge portion of the face 13 when the pillow is resting upon the side face 15" (see above). *Id.* at 2:32-44. **Lin** A feature of the invention is an angle "between the bottom edges of the two support panels" which "can be adjusted appropriately to control the inclination of the support stand and the spreading range of the two support panels, so that users may change the inclination of supporting the object according to their preference." *Id.* at 2:13-20. Adjustments can be made by altering the angle between the left bottom edge **111** of the left support panel **11** and the right bottom edge **121** of the right support panel **12** to control the extent of spreading, allowing users to change the inclination of supporting the object. *Id.* at 4:45-54. **Diebel 2011** Diebel 2011 discloses a specific implementation where each panel is approximately the same length, forming an equilateral trial, and the angle provided is about 60 degrees. *Id.* at 6:47-50. The angle from the table can be varied in a range from about 15 degrees to about 60 degrees by adjusting the length of panel 113 and position of bump 204 (*see* Fig 5B, above). *Id.* at 8:47-50.

Asserted Claims	Citations to Prior Art
	 FIG. 5E  FIG. 5D  FIG. 5F *See id.* at Figs. 5D–5E (depicting cross-sectional views of Figs. 5A, B, and C, respectively, as viewed from the left side of the case). The internal angle is about 60 degrees and is regarded as useful for "viewing media (e.g., watching a movie) on an electronic tablet)" and can be adjusted to more or less than 60 degrees by lengthening or shortening the panel. *Id.* at 8:64-9:4. This angle can be varied in a range from about 30 degrees to 75 degrees. *Id.* at 9:5-6. "In various implementations of a case according to the invention, there can be more angles (e.g., more than three different angles) than described here, and different angles (e.g., 8, 20, 35, 40, 50, 55, 65 degrees, and others)" but varying the number of bumps, panels, and hinges. *Id.* at 9:7-17.

Asserted Claims	Citations to Prior Art
	Diebel 2013 Diebel discloses that the stand "permits the user to interface with the electronic device housed in the case at different viewing and working angles." *Id.* at 1:59-61. A feature disclosed of the invention is "the ability to stand in a portrait orientation at a working angle" "permit[ting] the user to interact with certain websites and applications that may only be available in portrait orientation." *Id.* at 1:61-65. Diebel discloses that "When using the portable electronic device, a person would at different times need to hold or set the electronic device onto a surface to work on. When the electronic device is set on a surface, it is difficult to view the electronic device if it is laying flush on top of a table. Also, for electronic devices that allow the person to input into the electronic device, it is difficult for a person to manipulate the electronic device if it is flush on a table. Thus, the device allows the person to manipulate the positioning of the electronic device when placed on a table (or on the user's lap) and adjust the angle when the electronic device is positioned with respect to the table, to allow easier viewing and working access to the electronic device." *Id.* at 5:17-22. The front cover can be folded and positioned in various orientations to achieve multiple viewing angles: (a) a first working angle; (2) a second working angle; (3) a third working angle; (4) a first viewing angle; (5) a fourth working angle; and (6) a second viewing angle. *Id.* at 5:57-67. These are listed in Table A, and described further in the specification as well.

Asserted Claims	Citations to Prior Art

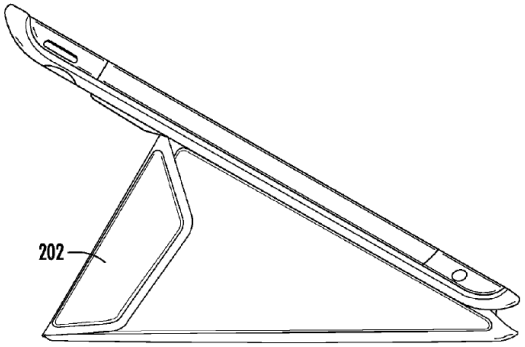
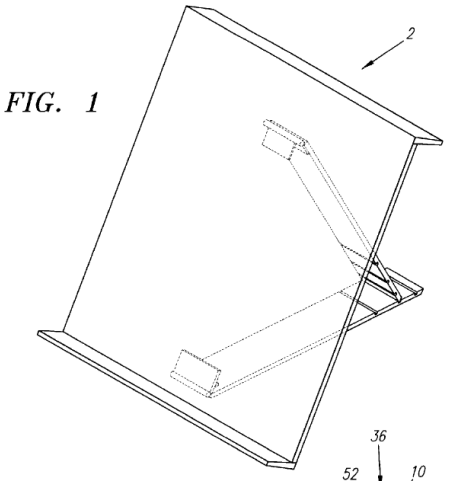
TABLE A

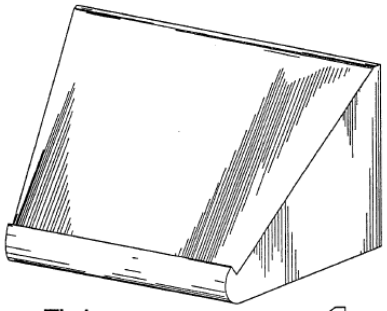
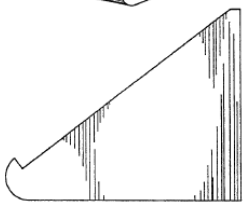
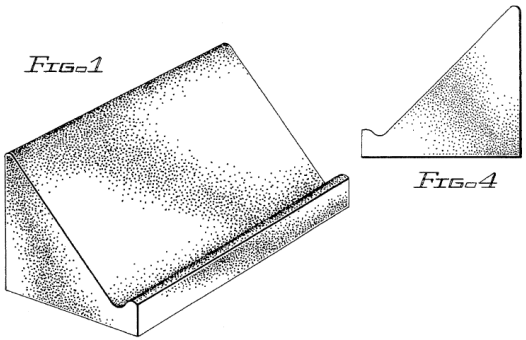
Stand Position	Angle Name	Angles (Degrees)	Angle Range (Degrees)
1	First working angle	8, 9, 10	7-12
2	Second working angle	31, 32, 33	30-38
3	Third working angle	41, 42, 43	40-48
4	First viewing angle	45, 46, 47	43-50
5	Fourth working angle	24, 25, 26	20-30
6	Second viewing angle	74, 75, 76	70-80

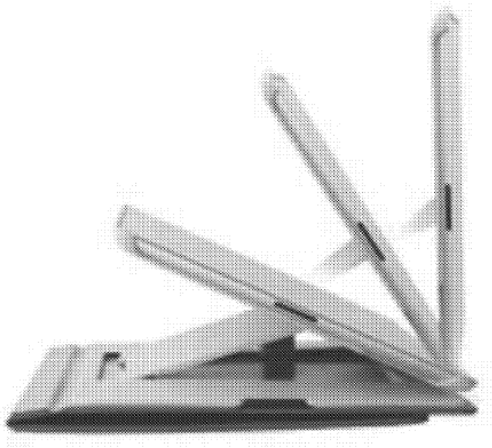
Diebel 2013 discloses that "[w]hen the front cover is opened, folded under the back cover to lie flat, and the back cover is angled in a first position (first working angle, about 7 to 12 degrees) a side view will be triangular in shape." *Id.* at 2:15-18. Diebel discloses a second working angle from about 30 to 38 degrees (*id.* at 2:29-30), a third working angle from about 40 to 48 degrees (*id.* at 2:39-40), and a fourth working angle from about 20 to 30 degrees (*id.* at 2:60-61). *See also id.* at Figs. 2, 3A-3B, 4A-4B, 6A-6B; 6:40-64; 7:8-21. One figure is reproduced below for context.

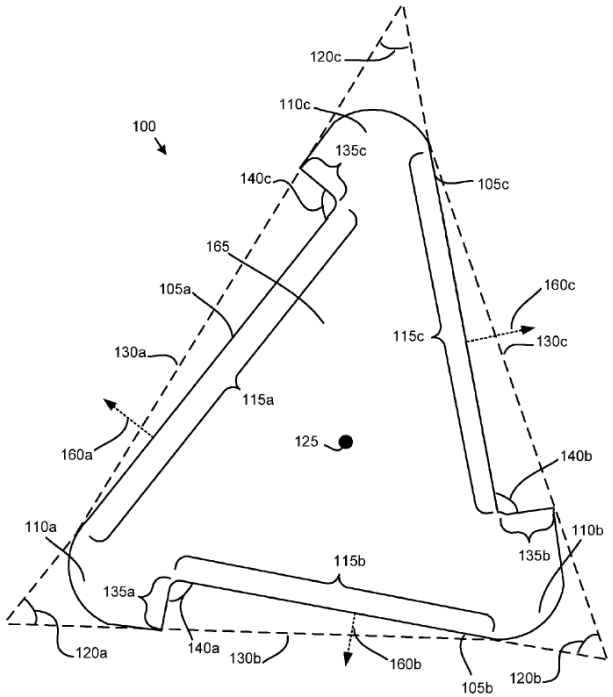
Diebel discloses a first viewing angle from about 43 to 50 degrees (*id.* at 2:47-48), and a second viewing angle from about 170 to 180 degrees (*id.* at 2:66-67). *See also id.* at Figs. 5A-5B, 7A-7D; 6:65-7:7; 7:22-29.

Figures 3B is illustrative of the second working angles.

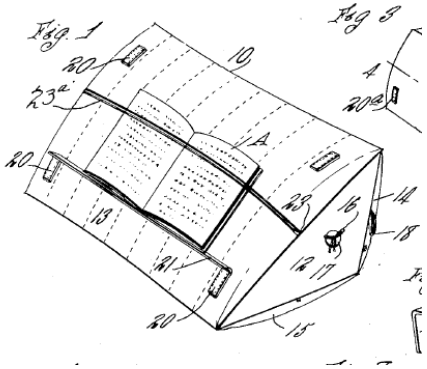
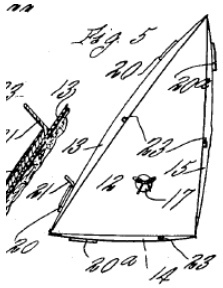
Asserted Claims	Citations to Prior Art
	 FIG. 3B **Ure** Ure discloses that "[t]he angle of the platform relative to the reader can be varied by placing the end of one of the folding arms into a selected one of a plurality of grooves in the other folding arm." *Id.* at Abstract; *see also id.* at 1:41-44.  FIG. 1 **Falter** Falter discloses a triangular lap desk with an edge.

Asserted Claims	Citations to Prior Art
	 Fig.1  Fig.2 **Tubbs** Tubbs discloses a triangular reading stand with a ledge.  FIG. 1 FIG. 4 **Padilla 2014** Padilla 2014 discloses a "case for a tablet computer" that is "configurable to several positions" where "[a]t each position, the tablet computer may be supported in a variety of angles." Padilla 2014 at Abstract; [0001]; [0003] ("at least two standing positions");

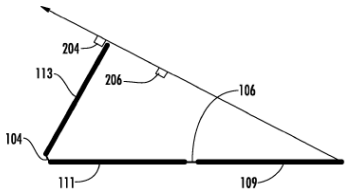
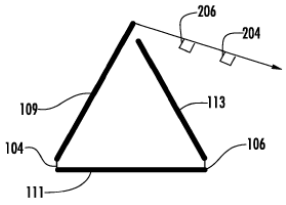
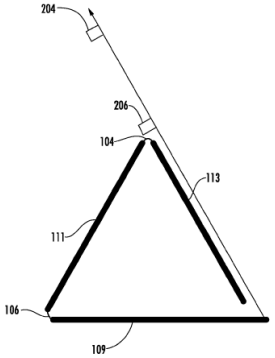
Asserted Claims	Citations to Prior Art
	[0007]. Padilla 2014 discloses that "[i]n a low stand position, the case provides support and optimal viewing angles for activities such as typing on the tablet computer. In a high loft position, the tablet computer is raised to eye level for ergonomic comfort and ease of use for activities such as viewing videos on the tablet." *Id.* at Abstract; *see also id.* at [0008], [0021]. Padilla 2014 further discloses that the case has mechanisms to allow it to be "configurable" and which "provide stability." *Id.* at Abstract; [0021]. Figure 6 
[1.e.ii] a plane of the second back support is at a second plane angle of 80 degrees to a third virtual plane between the top of a third back support counterclockwise to the second back support and an outer edge of a third edge support counterclockwise to the second back support,	**<u>Cannon</u>** Cannon discloses a plane of the second back support **105*b*** may be at a second plane angle **120*b*** in a range of 55 to 65 degrees to a third virtual plane **130*c*** between the top of a third back support counterclockwise to the second back support **105*b*** and an outer edge of a third edge support **110*c*** counterclockwise to the second back support **110*b*.** Cannon at [0021].

Asserted Claims	Citations to Prior Art
	 *Id.* at Fig. 2. Cannon further discloses that the arrangement of the longitudinal lengths **115** and the plane angles **120** generate three distinct viewing angles **160.** *Id.* at [0023]. **Facet Pyramid** Facet Pyramid discloses a triangular-prism support that allows for a tablet to be propped in three preset viewing positions which can be accessed by rotating the stand. Facet Pyramid at 3. Each face is precisely angled (35º, 55º, and 75º) and provides for a stable, hands-free tilt for typing, watching, or drawing. *Id*. Magnets hold the device in place to the stand. *Id.*; *see also id.* at 6.

Asserted Claims	Citations to Prior Art
	 *Id.* at 2. **Baek** Baek discloses that "[t]he present invention provides a viewing angle control sheet that enables clear viewing of the display device from a side angle." *Id.* at [0006]. In one embodiment, this is achieved by "a sheet base and a prism portion formed on the sheet base. . . . [T]he prism portion includes prism patterns having different refractive indices, and a refractive index between the prism patterns is implemented in a range of 0.08 to 0.31, thereby achieving a viewing angle of 40 degrees or greater when the display device is arranged at an inclination angle of 20 degrees or less relatively to the ground." *Id.* at [0008]. In another embodiment, "a viewing angle control sheet formed on a display device includes a sheet base and a prism portion having a first prism pattern formed on the sheet base and a second prism pattern formed on the first prism pattern. Here, the refractive index difference between the prism patterns is implemented in a range of 0.08 to 0.31." *Id.* at [0009]. Baek further discloses that "When the viewing angle control sheet according to the present invention is formed on a display device and used, the viewing angle of the display device can be adjusted to a desired angle by using the viewing angle control sheet. As a result, a user can clearly view the screen of the display device from a desired position." *Id.* at [0010].; *see also id.* at Effect of Invention, generally. Baek specifically discloses an embodiment with a viewing angle of 49 degrees and 41 degrees (Figs. 12 and 13, [0062]-[0064], [0068]-[0070]).

Asserted Claims	Citations to Prior Art
	Barcalo Barcalo discloses a pillow for use of propping materials for reading which is triangular in shape. "The ends 12 of the case or sack are triangular in shape, being preferably obtuse angled triangles . . . [with] the triangular ends . . . connected by rectangular faces 13, 14 and 15. Such a pillow is, therefore, triangular in transverse cross section. The edges of the triangular ends are preferably nearly, but not equal in length, and all the angles of the triangle also are preferably unequal, so that when the pillow is supported upon different side faces, the other side faces will make different inclinations to the supporting surface." *Id.* at 1:79-91. *See, e.g.*, Fig. 1.  Figure 5 shows an end elevation of the pillow in Figs. 1-4, showing the small pockets on all three faces. 

Asserted Claims	Citations to Prior Art
	Barcalo further discloses that "[a] bar 21 serves as the rest and is provided with depending angular feet 22 which are received in the pockets 20 along either side edge of a side face of the pillow, as shown in Fig. 1. The bar or rest 21 thus forms a flange or ledge extending away from the side face of the pillow against which it is placed, and holds a book or magazine or other article A, that may rest upon this inclined face of the pillow, from sliding down this inclined face. For example, in Fig. 1, this rest or bar 21 is adjacent the lower edge portion of the face 13 when the pillow is resting upon the side face 15" (see above). *Id.* at 2:32-44. **Lin** A feature of the invention is an angle "between the bottom edges of the two support panels" which "can be adjusted appropriately to control the inclination of the support stand and the spreading range of the two support panels, so that users may change the inclination of supporting the object according to their preference." *Id.* at 2:13-20. Adjustments can be made by altering the angle between the left bottom edge **111** of the left support panel **11** and the right bottom edge **121** of the right support panel **12** to control the extent of spreading, allowing users to change the inclination of supporting the object. *Id.* at 4:45-54. **Diebel 2011** Diebel 2011 discloses a specific implementation where each panel is approximately the same length, forming an equilateral trial, and the angle provided is about 60 degrees. *Id.* at 6:47-50. The angle from the table can be varied in a range from about 15 degrees to about 60 degrees by adjusting the length of panel 113 and position of bump 204 (*see* Fig 5B, above). *Id.* at 8:47-50.

Asserted Claims	Citations to Prior Art
	 FIG. 5E  FIG. 5D  FIG. 5F *See id.* at Figs. 5D–5E (depicting cross-sectional views of Figs. 5A, B, and C, respectively, as viewed from the left side of the case). The internal angle is about 60 degrees and is regarded as useful for "viewing media (e.g., watching a movie) on an electronic tablet)" and can be adjusted to more or less than 60 degrees by lengthening or shortening the panel. *Id.* at 8:64-9:4. This angle can be varied in a range from about 30 degrees to 75 degrees. *Id.* at 9:5-6. "In various implementations of a case according to the invention, there can be more angles (e.g., more than three different angles) than described here, and different angles (e.g., 8, 20, 35, 40, 50, 55, 65 degrees, and others)" but varying the number of bumps, panels, and hinges. *Id.* at 9:7-17.

Asserted Claims	Citations to Prior Art
	Diebel 2013 Diebel discloses that the stand "permits the user to interface with the electronic device housed in the case at different viewing and working angles." *Id.* at 1:59-61. A feature disclosed of the invention is "the ability to stand in a portrait orientation at a working angle" "permit[ting] the user to interact with certain websites and applications that may only be available in portrait orientation." *Id.* at 1:61-65. Diebel discloses that "When using the portable electronic device, a person would at different times need to hold or set the electronic device onto a surface to work on. When the electronic device is set on a surface, it is difficult to view the electronic device if it is laying flush on top of a table. Also, for electronic devices that allow the person to input into the electronic device, it is difficult for a person to manipulate the electronic device if it is flush on a table. Thus, the device allows the person to manipulate the positioning of the electronic device when placed on a table (or on the user's lap) and adjust the angle when the electronic device is positioned with respect to the table, to allow easier viewing and working access to the electronic device." *Id.* at 5:17-22. The front cover can be folded and positioned in various orientations to achieve multiple viewing angles: (a) a first working angle; (2) a second working angle; (3) a third working angle; (4) a first viewing angle; (5) a fourth working angle; and (6) a second viewing angle. *Id.* at 5:57-67. These are listed in Table A, and described further in the specification as well.

Asserted Claims	Citations to Prior Art

TABLE A

Stand Position	Angle Name	Angles (Degrees)	Angle Range (Degrees)
1	First working angle	8, 9, 10	7-12
2	Second working angle	31, 32, 33	30-38
3	Third working angle	41, 42, 43	40-48
4	First viewing angle	45, 46, 47	43-50
5	Fourth working angle	24, 25, 26	20-30
6	Second viewing angle	74, 75, 76	70-80

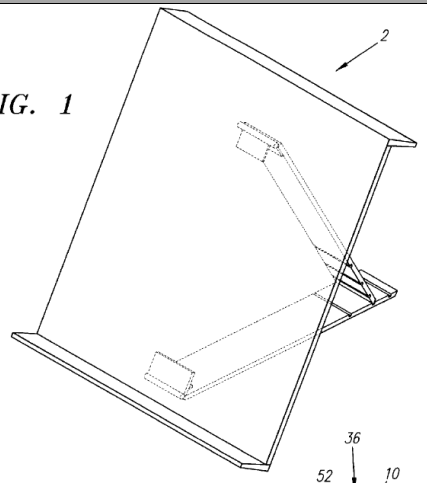
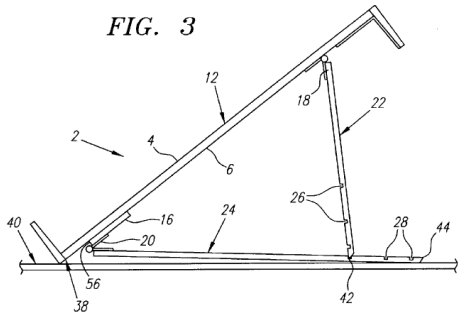
Diebel 2013 discloses that "[w]hen the front cover is opened, folded under the back cover to lie flat, and the back cover is angled in a first position (first working angle, about 7 to 12 degrees) a side view will be triangular in shape." *Id.* at 2:15-18. Diebel discloses a second working angle from about 30 to 38 degrees (*id.* at 2:29-30), a third working angle from about 40 to 48 degrees (*id.* at 2:39-40), and a fourth working angle from about 20 to 30 degrees (*id.* at 2:60-61). *See also id.* at Figs. 2, 3A-3B, 4A-4B, 6A-6B; 6:40-64; 7:8-21. One figure is reproduced below for context.

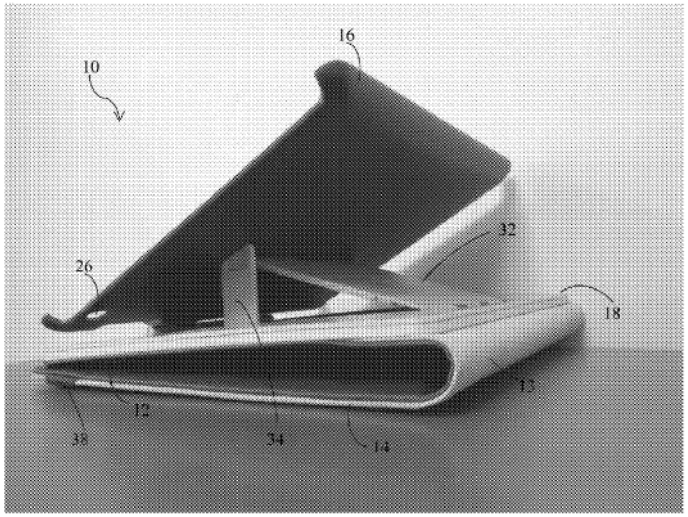
Diebel discloses a first viewing angle from about 43 to 50 degrees (*id.* at 2:47-48), and a second viewing angle from about 170 to 180 degrees (*id.* at 2:66-67). *See also id.* at Figs. 5A-5B, 7A-7D; 6:65-7:7; 7:22-29.

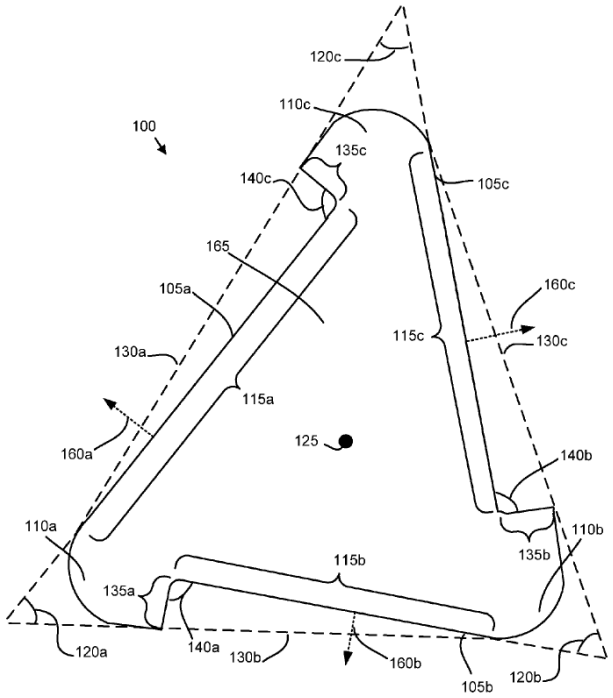
Figures 3B is illustrative of the second working angles.

Ure

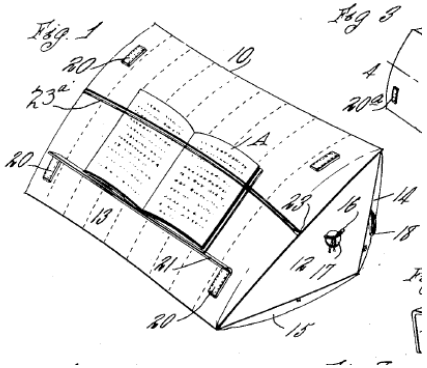
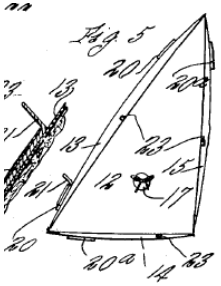
Ure discloses that "[t]he angle of the platform relative to the reader can be varied by placing the end of one of the folding arms into a selected one of a plurality of grooves in the other folding arm." *Id.* at Abstract; *see also id.* at 1:41-44.

Asserted Claims	Citations to Prior Art
	FIG. 1  FIG. 3  As shown in Fig. 3, the book stand **2** is capable of being placed on a table **40**, or other surface. By inserting the first tip **42** into a selected one of the plurality of second transverse grooves **28** on the second folding arm **24**, the platform **12** of the book stand **2** can be elevated to various angles for the user's convenience. *Id.* at 4:56-5:13.

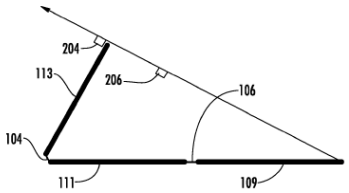
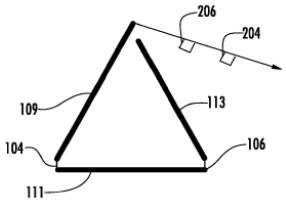
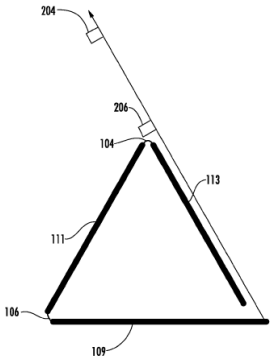
Asserted Claims	Citations to Prior Art
	Padilla 2014 Padilla 2014 discloses a "case for a tablet computer" that is "configurable to several positions" where "[a]t each position, the tablet computer may be supported in a variety of angles." Padilla 2014 at Abstract; [0001]; [0003] ("at least two standing positions"); [0007]. Padilla 2014 discloses that "[i]n a low stand position, the case provides support and optimal viewing angles for activities such as typing on the tablet computer. In a high loft position, the tablet computer is raised to eye level for ergonomic comfort and ease of use for activities such as viewing videos on the tablet." *Id.* at Abstract; *see also id.* at [0008], [0021]. Padilla 2014 further discloses that the case has mechanisms to allow it to be "configurable" and which "provide stability." *Id.* at Abstract; [0021]. Figure 3 
[1.e.iii] a plane of a third back support is at a third plane angle of 40 degrees to a first virtual plane between the top of the first back support counterclockwise to the third back support and an outer edge of	**Cannon** Cannon discloses a plane of a third back support **105*c*** may be at a third plane angle **120*c*** in the range of 50 to 75 degrees to a first virtual plane **130*a*** between the top of the first support back **105*a*** counterclockwise to the third support back support **105*c*** and an outer edge of the first edge support **110*a*** counterclockwise to the third back support **105*c***. Cannon at [0021].

Asserted Claims	Citations to Prior Art
the first edge support counterclockwise to the third back support; and	 Cannon further discloses that the arrangement of the longitudinal lengths **115** and the plane angles **120** generate three distinct viewing angles **160.** *Id.* at [0023]. **Facet Pyramid** Facet Pyramid discloses a triangular-prism support that allows for a tablet to be propped in three preset viewing positions which can be accessed by rotating the stand. Facet Pyramid at 3. Each face is precisely angled (35º, 55º, and 75º) and provides for a stable, hands-free tilt for typing, watching, or drawing. *Id*. Magnets hold the device in place to the stand. *Id.*; *see also id.* at 6.

Asserted Claims	Citations to Prior Art
	 *Id.* at 2. **Baek** Baek discloses that "[t]he present invention provides a viewing angle control sheet that enables clear viewing of the display device from a side angle." *Id.* at [0006]. In one embodiment, this is achieved by "a sheet base and a prism portion formed on the sheet base. . . . [T]he prism portion includes prism patterns having different refractive indices, and a refractive index between the prism patterns is implemented in a range of 0.08 to 0.31, thereby achieving a viewing angle of 40 degrees or greater when the display device is arranged at an inclination angle of 20 degrees or less relatively to the ground." *Id.* at [0008]. In another embodiment, "a viewing angle control sheet formed on a display device includes a sheet base and a prism portion having a first prism pattern formed on the sheet base and a second prism pattern formed on the first prism pattern. Here, the refractive index difference between the prism patterns is implemented in a range of 0.08 to 0.31." *Id.* at [0009]. Baek further discloses that "When the viewing angle control sheet according to the present invention is formed on a display device and used, the viewing angle of the display device can be adjusted to a desired angle by using the viewing angle control sheet. As a result, a user can clearly view the screen of the display device from a desired position." *Id.* at [0010].; *see also id.* at Effect of Invention, generally. Baek specifically discloses an embodiment with a viewing angle of 49 degrees and 41 degrees (Figs. 12 and 13, [0062]-[0064], [0068]-[0070]).

Asserted Claims	Citations to Prior Art
	Barcalo Barcalo discloses a pillow for use of propping materials for reading which is triangular in shape. "The ends 12 of the case or sack are triangular in shape, being preferably obtuse angled triangles . . . [with] the triangular ends . . . connected by rectangular faces 13, 14 and 15. Such a pillow is, therefore, triangular in transverse cross section. The edges of the triangular ends are preferably nearly, but not equal in length, and all the angles of the triangle also are preferably unequal, so that when the pillow is supported upon different side faces, the other side faces will make different inclinations to the supporting surface." *Id.* at 1:79-91. *See, e.g.*, Fig. 1.  Figure 5 shows an end elevation of the pillow in Figs. 1-4, showing the small pockets on all three faces. 

Asserted Claims	Citations to Prior Art
	Barcalo further discloses that "[a] bar 21 serves as the rest and is provided with depending angular feet 22 which are received in the pockets 20 along either side edge of a side face of the pillow, as shown in Fig. 1. The bar or rest 21 thus forms a flange or ledge extending away from the side face of the pillow against which it is placed, and holds a book or magazine or other article A, that may rest upon this inclined face of the pillow, from sliding down this inclined face. For example, in Fig. 1, this rest or bar 21 is adjacent the lower edge portion of the face 13 when the pillow is resting upon the side face 15" (see above). *Id.* at 2:32-44. **Lin** A feature of the invention is an angle "between the bottom edges of the two support panels" which "can be adjusted appropriately to control the inclination of the support stand and the spreading range of the two support panels, so that users may change the inclination of supporting the object according to their preference." *Id.* at 2:13-20. Adjustments can be made by altering the angle between the left bottom edge **111** of the left support panel **11** and the right bottom edge **121** of the right support panel **12** to control the extent of spreading, allowing users to change the inclination of supporting the object. *Id.* at 4:45-54. **Diebel 2011** Diebel 2011 discloses a specific implementation where each panel is approximately the same length, forming an equilateral trial, and the angle provided is about 60 degrees. *Id.* at 6:47-50. The angle from the table can be varied in a range from about 15 degrees to about 60 degrees by adjusting the length of panel 113 and position of bump 204 (*see* Fig 5B, above). *Id.* at 8:47-50.

Asserted Claims	Citations to Prior Art
	 FIG. 5E  FIG. 5D  FIG. 5F *See id.* at Figs. 5D–5E (depicting cross-sectional views of Figs. 5A, B, and C, respectively, as viewed from the left side of the case). The internal angle is about 60 degrees and is regarded as useful for "viewing media (e.g., watching a movie) on an electronic tablet)" and can be adjusted to more or less than 60 degrees by lengthening or shortening the panel. *Id.* at 8:64-9:4. This angle can be varied in a range from about 30 degrees to 75 degrees. *Id.* at 9:5-6. "In various implementations of a case according to the invention, there can be more angles (e.g., more than three different angles) than described here, and different angles (e.g., 8, 20, 35, 40, 50, 55, 65 degrees, and others)" but varying the number of bumps, panels, and hinges. *Id.* at 9:7-17.

Asserted Claims	Citations to Prior Art
	Diebel 2013 Diebel discloses that the stand "permits the user to interface with the electronic device housed in the case at different viewing and working angles." *Id.* at 1:59-61. A feature disclosed of the invention is "the ability to stand in a portrait orientation at a working angle" "permit[ting] the user to interact with certain websites and applications that may only be available in portrait orientation." *Id.* at 1:61-65. Diebel discloses that "When using the portable electronic device, a person would at different times need to hold or set the electronic device onto a surface to work on. When the electronic device is set on a surface, it is difficult to view the electronic device if it is laying flush on top of a table. Also, for electronic devices that allow the person to input into the electronic device, it is difficult for a person to manipulate the electronic device if it is flush on a table. Thus, the device allows the person to manipulate the positioning of the electronic device when placed on a table (or on the user's lap) and adjust the angle when the electronic device is positioned with respect to the table, to allow easier viewing and working access to the electronic device." *Id.* at 5:17-22. The front cover can be folded and positioned in various orientations to achieve multiple viewing angles: (a) a first working angle; (2) a second working angle; (3) a third working angle; (4) a first viewing angle; (5) a fourth working angle; and (6) a second viewing angle. *Id.* at 5:57-67. These are listed in Table A, and described further in the specification as well.

Asserted Claims	Citations to Prior Art

TABLE A

Stand Position	Angle Name	Angles (Degrees)	Angle Range (Degrees)
1	First working angle	8, 9, 10	7-12
2	Second working angle	31, 32, 33	30-38
3	Third working angle	41, 42, 43	40-48
4	First viewing angle	45, 46, 47	43-50
5	Fourth working angle	24, 25, 26	20-30
6	Second viewing angle	74, 75, 76	70-80

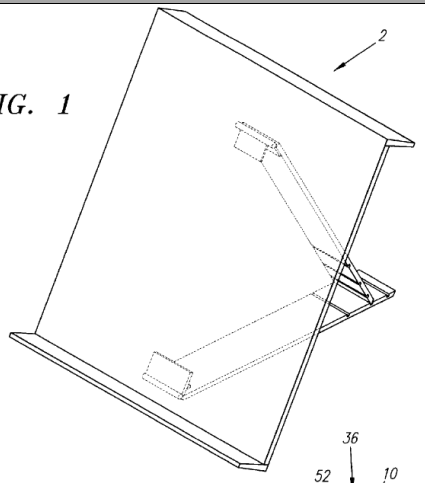
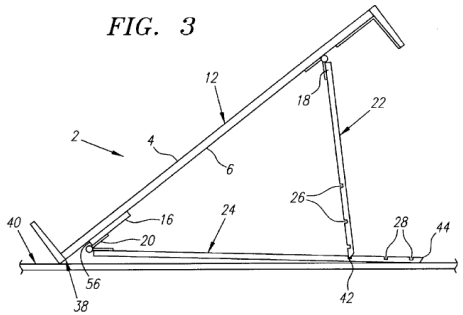
Diebel 2013 discloses that "[w]hen the front cover is opened, folded under the back cover to lie flat, and the back cover is angled in a first position (first working angle, about 7 to 12 degrees) a side view will be triangular in shape." *Id.* at 2:15-18. Diebel discloses a second working angle from about 30 to 38 degrees (*id.* at 2:29-30), a third working angle from about 40 to 48 degrees (*id.* at 2:39-40), and a fourth working angle from about 20 to 30 degrees (*id.* at 2:60-61). *See also id.* at Figs. 2, 3A-3B, 4A-4B, 6A-6B; 6:40-64; 7:8-21. One figure is reproduced below for context.

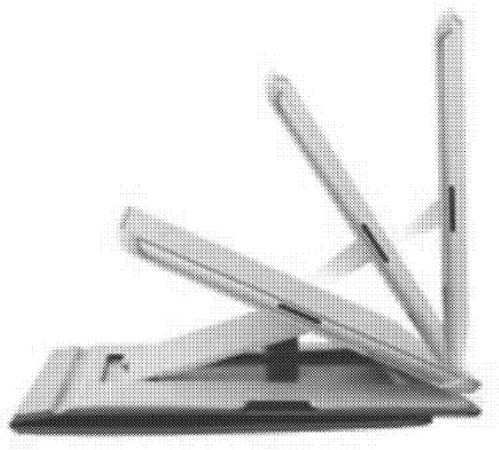
Diebel discloses a first viewing angle from about 43 to 50 degrees (*id.* at 2:47-48), and a second viewing angle from about 170 to 180 degrees (*id.* at 2:66-67). *See also id.* at Figs. 5A-5B, 7A-7D; 6:65-7:7; 7:22-29.

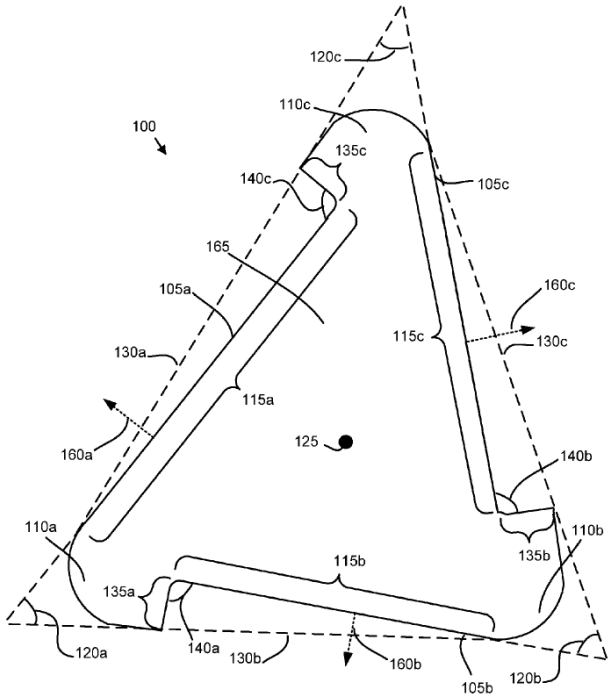
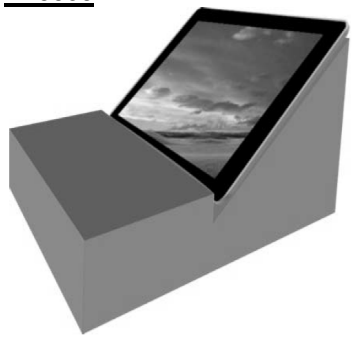
Figures 3B is illustrative of the second working angles.

Ure

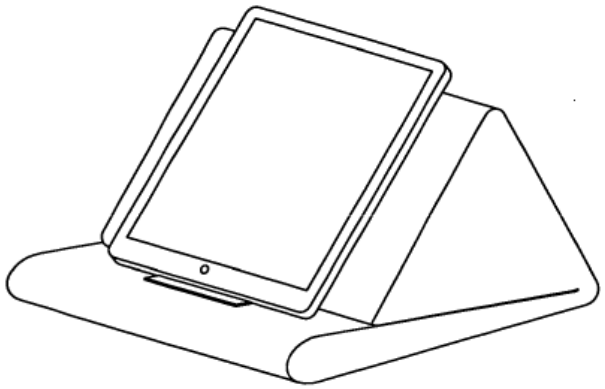
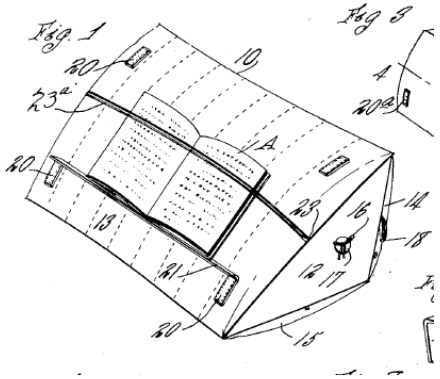
Ure discloses that "[t]he angle of the platform relative to the reader can be varied by placing the end of one of the folding arms into a selected one of a plurality of grooves in the other folding arm." *Id.* at Abstract; *see also id.* at 1:41-44.

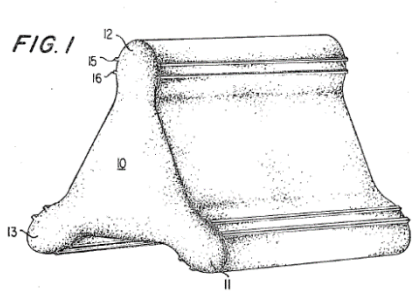
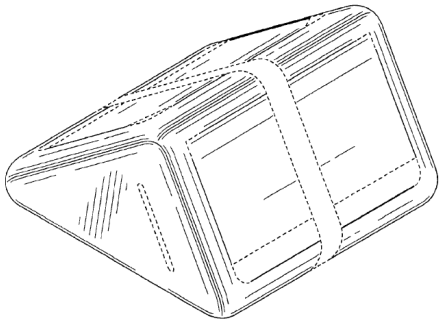
Asserted Claims	Citations to Prior Art
	FIG. 1  FIG. 3  As shown in Fig. 3, the book stand **2** is capable of being placed on a table **40**, or other surface. By inserting the first tip **42** into a selected one of the plurality of second transverse grooves **28** on the second folding arm **24**, the platform **12** of the book stand **2** can be elevated to various angles for the user's convenience. *Id.* at 4:56-5:13.

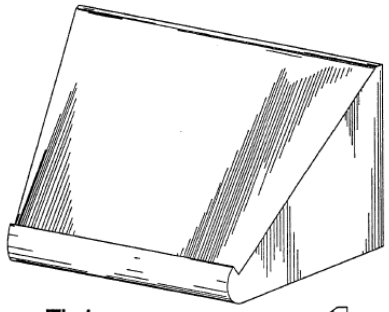
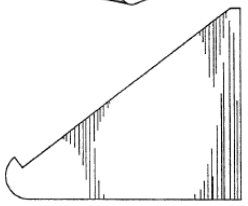
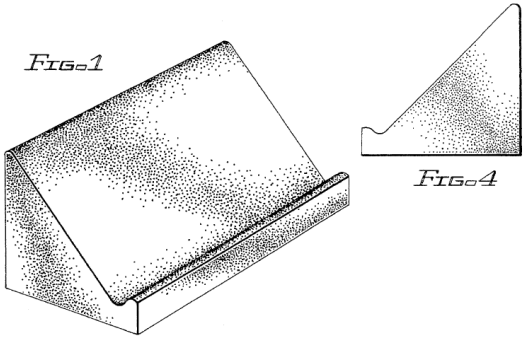
Asserted Claims	Citations to Prior Art
	Padilla 2014 Padilla 2014 discloses a "case for a tablet computer" that is "configurable to several positions" where "[a]t each position, the tablet computer may be supported in a variety of angles." Padilla 2014 at Abstract; [0001]; [0003] ("at least two standing positions"); [0007]. Padilla 2014 discloses that "[i]n a low stand position, the case provides support and optimal viewing angles for activities such as typing on the tablet computer. In a high loft position, the tablet computer is raised to eye level for ergonomic comfort and ease of use for activities such as viewing videos on the tablet." *Id.* at Abstract; *see also id.* at [0008], [0021]. Padilla 2014 further discloses that the case has mechanisms to allow it to be "configurable" and which "provide stability." *Id.* at Abstract; [0021]. Figure 6 
[1.f[wherein each back support, each edge support, and each end is a surface of the solid interior,	**Cannon** Cannon discloses an embodiment where each back support **105** and each edge support **110** is a surface of a solid. The solid media support **100** may have one or more ends **165.** *Id.* at [0019].

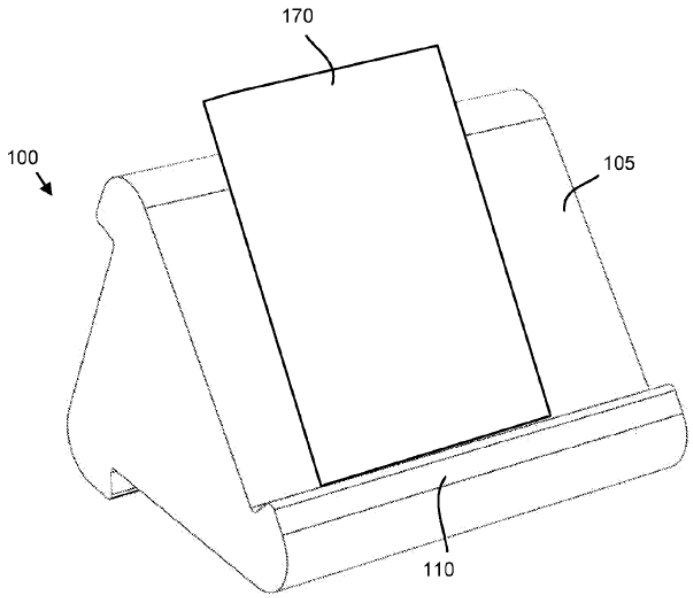
Asserted Claims	Citations to Prior Art
	 **Preece**  *Id.* at 5.

Asserted Claims	Citations to Prior Art
	PadPillow  PadPillow at 1.

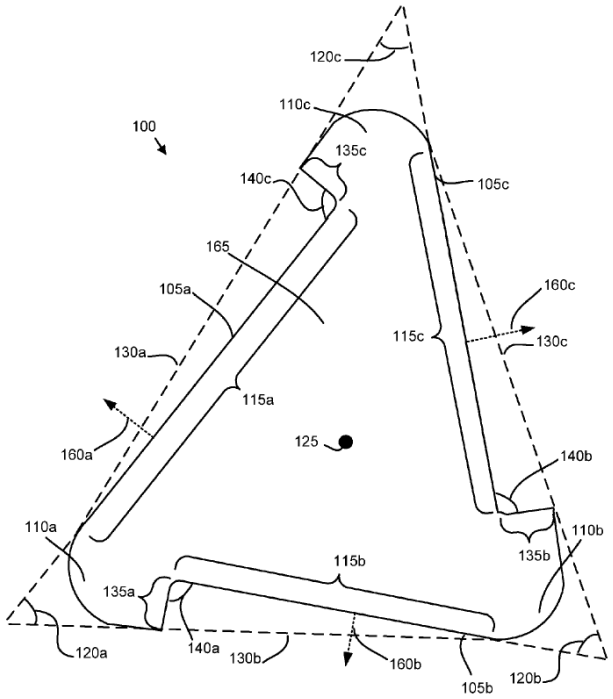
Asserted Claims	Citations to Prior Art
	Hong  **Barcalo** 

Asserted Claims	Citations to Prior Art
	Dean  **Padilla 2013**  FIG. 2 **Falter** Falter discloses a triangular lap desk with an edge.

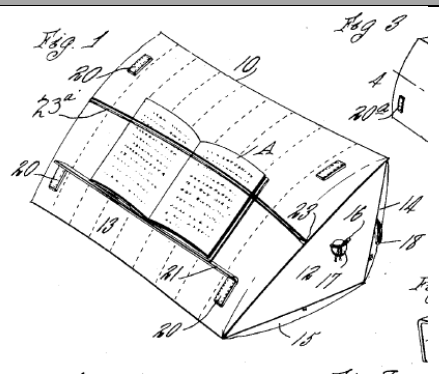
Asserted Claims	Citations to Prior Art
	 Fig.1  Fig.2 **Tubbs** Tubbs discloses a triangular reading stand with a ledge.  FIG. 1 FIG. 4
[1.g] the solid interior is a pillow covered in fabric,	**Cannon** Cannon discloses that the solid media support **100** may be a pillow. In one embodiment, the surface of the solid is ultra suede. Cannon at [0019].

Asserted Claims	Citations to Prior Art
	 FIG. 4 **Preece** Preece discloses an iPad stand "is constructed of closed-cell Polyethylene or Ethylene Vinyl Acetate (EVA) foam, giving it a non-slip surface that will not scratch the device, is comfortable on both the arms and thighs, and will not be cold, even on bare skin such as the thighs unlike the device itself." *Id.* at Abstract, 1. **PadPillow** PadPillow discloses that the tablet-holder is "[a] soft, huggable pillow." *Id.* at 2. The tablet-holder is made of a "soft foam." *Id.*

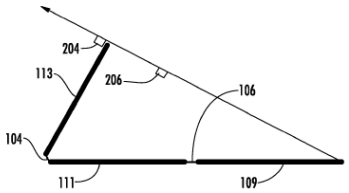
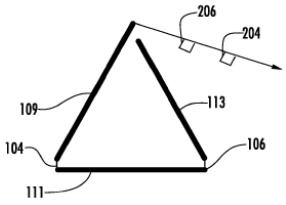
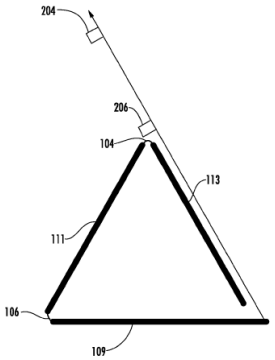
Asserted Claims	Citations to Prior Art
	Hong Hong discloses a pillow for use for a tablet computer. Hong describes the shape of the pillow, where one side of the pillow is a triangular prism, and the other side is an inclined surface. Hong at Design Features. **Barcalo** Barcalo discloses that the embodiments shown in Figs. 1 to 8 have a pillow which "includes a sack or case 10 of flexible sheet material, such as textile fabric, or leather, which is completely filled with a soft, loose, yielding or elastic filling or stuffing 11, such as hair, cotton, wool, kapok, feathers or any other suitable soft and more or less pliable or resilient filling material." Barcalo at 1:66-73. **Huang** Huang discloses "the main support pad 10 and the wrist rest 20 can be manufactured using soft materials. An embodiment of the material structure of the main support pad 10, as shown in "Fig. 2," includes: a fabric 40 and a padding material 41 enveloped by the fabric 40. The fabric 40 may be selected from, for example, synthetic fiber fabric or natural fiber fabric. As for the padding material 41, it may be selected from either form or latex. In one embodiment of the present invention, the padding material 41 of the main support pad 10 is made from foam that normally has a fixed shape. This type of material makes it easier to form the aforementioned receiving groove 15 to accommodate the tablet computer 30 and can provide the main support pad 10 with better comfort." *Id.* at 6.
[1.h.i] a first viewing angle of the first back support is 36 degrees,	**Cannon** Cannon discloses an embodiment with three support sides **155** to generate three distinct viewing angles **160**. Each viewing angle **160** is chosen for a specific viewing orientation. The first viewing angle **160*a*** may be employed when the media support **100** and the media is disposed in the user's lap. The second viewing angle **160*b*** may be used when the media support **100** and the media is disposed on a table and the user is sitting upright. In addition, the 3rd viewing angle **160*c*** may be used when the user is lying down and the media support **100** is disposed on the user. Cannon at [0027]; *see* Fig 2.

Asserted Claims	Citations to Prior Art
	 **Facet Pyramid** Facet Pyramid discloses a triangular-prism support that allows for a tablet to be propped in three preset viewing positions which can be accessed by rotating the stand. Facet Pyramid at 3. **Baek** Baek discloses that "[t]he present invention provides a viewing angle control sheet that enables clear viewing of the display device from a side angle." *Id.* at [0006]. In one embodiment, this is achieved by "a sheet base and a prism portion formed on the sheet base. . . . [T]he prism portion includes prism patterns having different refractive indices, and a refractive index between the prism patterns is implemented in a range of 0.08 to 0.31, thereby achieving a viewing angle of 40 degrees or greater when the display device

Asserted Claims	Citations to Prior Art
	is arranged at an inclination angle of 20 degrees or less relatively to the ground." *Id.* at [0008]. In another embodiment, "a viewing angle control sheet formed on a display device includes a sheet base and a prism portion having a first prism pattern formed on the sheet base and a second prism pattern formed on the first prism pattern. Here, the refractive index difference between the prism patterns is implemented in a range of 0.08 to 0.31." *Id.* at [0009]. Baek further discloses that "When the viewing angle control sheet according to the present invention is formed on a display device and used, the viewing angle of the display device can be adjusted to a desired angle by using the viewing angle control sheet. As a result, a user can clearly view the screen of the display device from a desired position." *Id.* at [0010].; *see also id.* at Effect of Invention, generally. Baek specifically discloses an embodiment with a viewing angle of 49 degrees and 41 degrees (Figs. 12 and 13, [0062]-[0064], [0068]-[0070]). **Barcalo** Barcalo discloses a pillow for use of propping materials for reading which is triangular in shape. "The ends 12 of the case or sack are triangular in shape, being preferably obtuse angled triangles . . . [with] the triangular ends . . . connected by rectangular faces 13, 14 and 15. Such a pillow is, therefore, triangular in transverse cross section. The edges of the triangular ends are preferably nearly, but not equal in length, and all the angles of the triangle also are preferably unequal, so that when the pillow is supported upon different side faces, the other side faces will make different inclinations to the supporting surface." *Id.* at 1:79-91. *See, e.g.*, Fig. 1.

Asserted Claims	Citations to Prior Art
	 Figure 5 shows an end elevation of the pillow in Figs. 1-4, showing the small pockets on all three faces.  Barcalo further discloses that "[a] bar 21 serves as the rest and is provided with depending angular feet 22 which are received in the pockets 20 along either side edge of a side face of the pillow, as shown in Fig. 1. The bar or rest 21 thus forms a flange or ledge extending away from the side face of the pillow against which it is placed, and holds a book or magazine or other article A, that may rest upon this inclined face of the pillow, from sliding down this inclined face. For example, in Fig. 1, this rest or bar 21 is adjacent the lower edge portion of the face 13 when the pillow is resting upon the side face 15" (see above). *Id.* at 2:32-44.

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Asserted Claims	Citations to Prior Art
	 FIG. 5E  FIG. 5D  FIG. 5F *See id.* at Figs. 5D–5E (depicting cross-sectional views of Figs. 5A, B, and C, respectively, as viewed from the left side of the case). The internal angle is about 60 degrees and is regarded as useful for "viewing media (e.g., watching a movie) on an electronic tablet)" and can be adjusted to more or less than 60 degrees by lengthening or shortening the panel. *Id.* at 8:64-9:4. This angle can be varied in a range from about 30 degrees to 75 degrees. *Id.* at 9:5-6. "In various implementations of a case according to the invention, there can be more angles (e.g., more than three different angles) than described here, and different angles (e.g., 8, 20, 35, 40, 50, 55, 65 degrees, and others)" but varying the number of bumps, panels, and hinges. *Id.* at 9:7-17.

Asserted Claims	Citations to Prior Art
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Asserted Claims	Citations to Prior Art

TABLE A

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4	First viewing angle	45, 46, 47	43-50
5	Fourth working angle	24, 25, 26	20-30
6	Second viewing angle	74, 75, 76	70-80

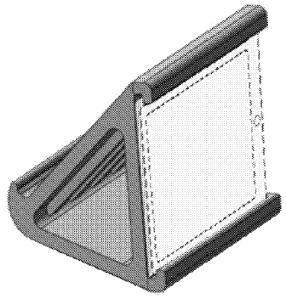
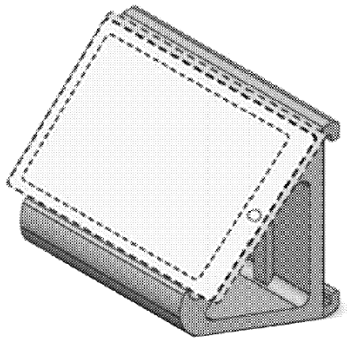
Diebel 2013 discloses that "[w]hen the front cover is opened, folded under the back cover to lie flat, and the back cover is angled in a first position (first working angle, about 7 to 12 degrees) a side view will be triangular in shape." *Id.* at 2:15-18. Diebel discloses a second working angle from about 30 to 38 degrees (*id.* at 2:29-30), a third working angle from about 40 to 48 degrees (*id.* at 2:39-40), and a fourth working angle from about 20 to 30 degrees (*id.* at 2:60-61). *See also id.* at Figs. 2, 3A-3B, 4A-4B, 6A-6B; 6:40-64; 7:8-21. One figure is reproduced below for context.

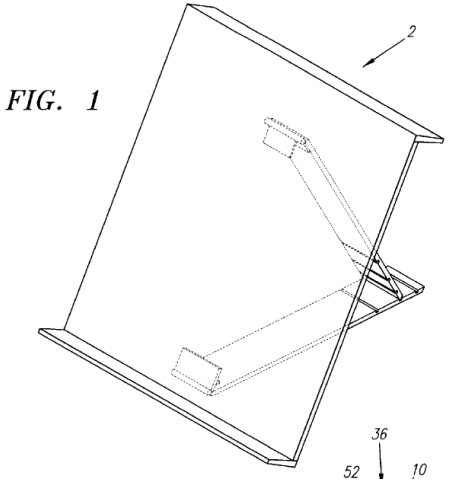
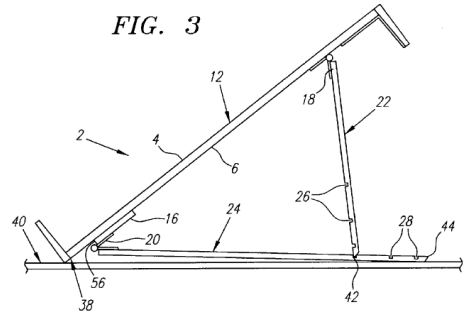
Diebel discloses a first viewing angle from about 43 to 50 degrees (*id.* at 2:47-48), and a second viewing angle from about 170 to 180 degrees (*id.* at 2:66-67). *See also id.* at Figs. 5A-5B, 7A-7D; 6:65-7:7; 7:22-29.

Figures 3B is illustrative of the second working angles.

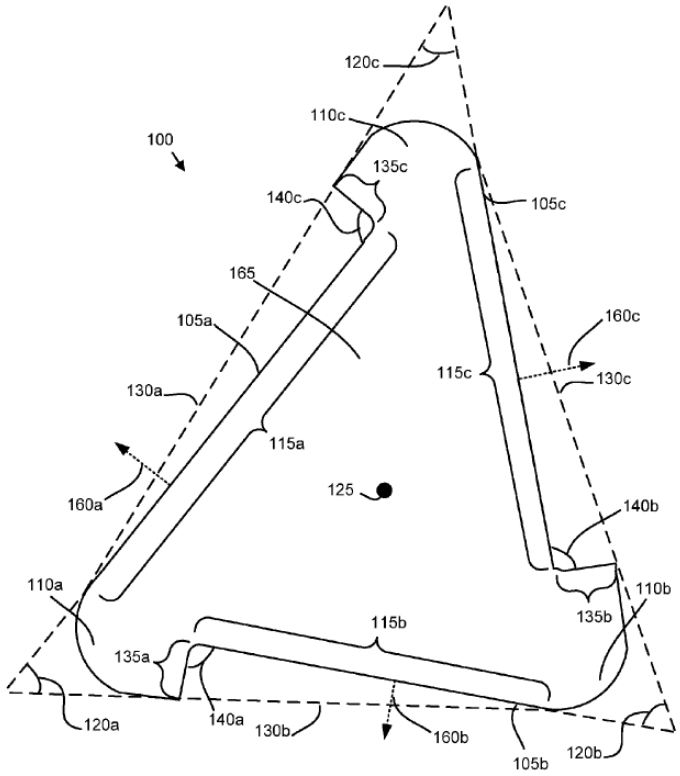
Klepar 2013

Klepar 2013 also discloses that the invention allows for the user to "easily flip over the multi-position stand in one or more usage configurations." *Id.* at [0008]. "The user is enabled to flip over the stand holding the tablet computer in one of three 'flip' positions to get a specific viewing angle or use the tablet as a simple stand." *Id.* at [0029].

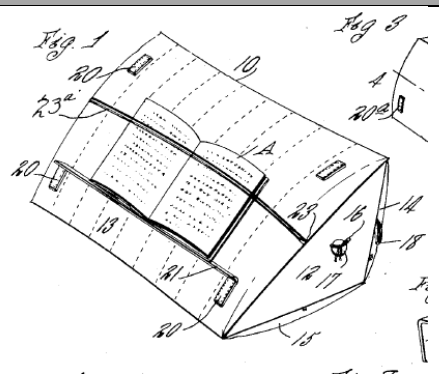
Asserted Claims	Citations to Prior Art
	Klepar 2014 Klepar 2014 discloses a duel-positioning tablet pillow stand. Some illustrative, non-limiting figures from the patent are set forth below.  Fig. 1 Fig. 1 is a perspective view of a dual-positioning tablet pillow stand supporting an image display device in a first viewing position, in accordance with the claimed design.  Fig. 4 Fig. 4 is perspective view of the dual-positioning tablet pillow stand of Fig. 1 support an image display device in a second viewing position, in accordance with the claimed design.

Asserted Claims	Citations to Prior Art
	Ure Ure discloses that "[t]he angle of the platform relative to the reader can be varied by placing the end of one of the folding arms into a selected one of a plurality of grooves in the other folding arm." *Id.* at Abstract; *see also id.* at 1:41-44.  *FIG. 1*  *FIG. 3* As shown in Fig. 3, the book stand **2** is capable of being placed on a table **40**, or other surface. By inserting the first tip **42** into a selected one of the plurality of second

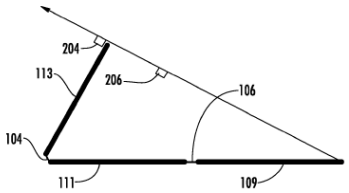
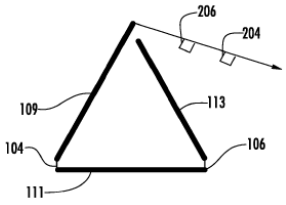
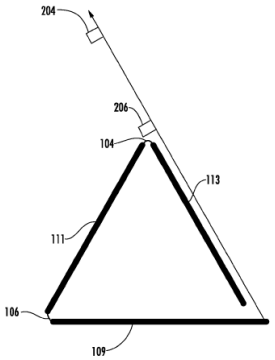
Asserted Claims	Citations to Prior Art
	transverse grooves **28** on the second folding arm **24**, the platform **12** of the book stand **2** can be elevated to various angles for the user's convenience. *Id.* at 4:56-5:13. **Padilla 2014** Padilla 2014 discloses a "case for a tablet computer" that is "configurable to several positions" where "[a]t each position, the tablet computer may be supported in a variety of angles." Padilla 2014 at Abstract; [0001]; [0003] ("at least two standing positions"); [0007]. Padilla 2014 discloses that "[i]n a low stand position, the case provides support and optimal viewing angles for activities such as typing on the tablet computer. In a high loft position, the tablet computer is raised to eye level for ergonomic comfort and ease of use for activities such as viewing videos on the tablet." *Id.* at Abstract; *see also id.* at [0008], [0021]. Padilla 2014 further discloses that the case has mechanisms to allow it to be "configurable" and which "provide stability." *Id.* at Abstract; [0021].
[1.h.ii] a second viewing angle of the second back support is 74 degrees, and	**Cannon** Cannon discloses an embodiment with three support sides **155** to generate three distinct viewing angles **160**. Each viewing angle **160** is chosen for a specific viewing orientation. The first viewing angle **160*a*** may be employed when the media support **100** and the media is disposed in the user's lap. The second viewing angle **160*b*** may be used when the media support **100** and the media is disposed on a table and the user is sitting upright. In addition, the 3rd viewing angle **160*c*** may be used when the user is lying down and the media support **100** is disposed on the user. Cannon at [0027]; *see* Fig 2.

Asserted Claims	Citations to Prior Art
	 FIG. 2 **Facet Pyramid** Facet Pyramid discloses a triangular-prism support that allows for a tablet to be propped in three preset viewing positions which can be accessed by rotating the stand. Facet Pyramid at 3. **Baek** Baek discloses that "[t]he present invention provides a viewing angle control sheet that enables clear viewing of the display device from a side angle." *Id.* at [0006]. In one

Asserted Claims	Citations to Prior Art
	embodiment, this is achieved by "a sheet base and a prism portion formed on the sheet base. . . . [T]he prism portion includes prism patterns having different refractive indices, and a refractive index between the prism patterns is implemented in a range of 0.08 to 0.31, thereby achieving a viewing angle of 40 degrees or greater when the display device is arranged at an inclination angle of 20 degrees or less relatively to the ground." *Id.* at [0008]. In another embodiment, "a viewing angle control sheet formed on a display device includes a sheet base and a prism portion having a first prism pattern formed on the sheet base and a second prism pattern formed on the first prism pattern. Here, the refractive index difference between the prism patterns is implemented in a range of 0.08 to 0.31." *Id.* at [0009]. Baek further discloses that "When the viewing angle control sheet according to the present invention is formed on a display device and used, the viewing angle of the display device can be adjusted to a desired angle by using the viewing angle control sheet. As a result, a user can clearly view the screen of the display device from a desired position." *Id.* at [0010].; *see also id.* at Effect of Invention, generally. Baek specifically discloses an embodiment with a viewing angle of 49 degrees and 41 degrees (Figs. 12 and 13, [0062]-[0064], [0068]-[0070]). **Barcalo** Barcalo discloses a pillow for use of propping materials for reading which is triangular in shape. "The ends 12 of the case or sack are triangular in shape, being preferably obtuse angled triangles . . . [with] the triangular ends . . . connected by rectangular faces 13, 14 and 15. Such a pillow is, therefore, triangular in transverse cross section. The edges of the triangular ends are preferably nearly, but not equal in length, and all the angles of the triangle also are preferably unequal, so that when the pillow is supported upon different side faces, the other side faces will make different inclinations to the supporting surface." *Id.* at 1:79-91. *See, e.g.*, Fig. 1.

Asserted Claims	Citations to Prior Art
	 Figure 5 shows an end elevation of the pillow in Figs. 1-4, showing the small pockets on all three faces.  Barcalo further discloses that "[a] bar 21 serves as the rest and is provided with depending angular feet 22 which are received in the pockets 20 along either side edge of a side face of the pillow, as shown in Fig. 1. The bar or rest 21 thus forms a flange or ledge extending away from the side face of the pillow against which it is placed, and holds a book or magazine or other article A, that may rest upon this inclined face of the pillow, from sliding down this inclined face. For example, in Fig. 1, this rest or bar 21 is adjacent the lower edge portion of the face 13 when the pillow is resting upon the side face 15" (see above). *Id.* at 2:32-44.

Asserted Claims	Citations to Prior Art
	Lin A feature of the invention is an angle "between the bottom edges of the two support panels" which "can be adjusted appropriately to control the inclination of the support stand and the spreading range of the two support panels, so that users may change the inclination of supporting the object according to their preference." *Id.* at 2:13-20. Adjustments can be made by altering the angle between the left bottom edge **111** of the left support panel **11** and the right bottom edge **121** of the right support panel **12** to control the extent of spreading, allowing users to change the inclination of supporting the object. *Id.* at 4:45-54. **Diebel 2011** Diebel 2011 discloses a specific implementation where each panel is approximately the same length, forming an equilateral trial, and the angle provided is about 60 degrees. *Id.* at 6:47-50. The angle from the table can be varied in a range from about 15 degrees to about 60 degrees by adjusting the length of panel 113 and position of bump 204 (*see* Fig 5B, above). *Id.* at 8:47-50.

Asserted Claims	Citations to Prior Art
	 FIG. 5E  FIG. 5D  FIG. 5F *See id.* at Figs. 5D–5E (depicting cross-sectional views of Figs. 5A, B, and C, respectively, as viewed from the left side of the case). The internal angle is about 60 degrees and is regarded as useful for "viewing media (e.g., watching a movie) on an electronic tablet)" and can be adjusted to more or less than 60 degrees by lengthening or shortening the panel. *Id.* at 8:64-9:4. This angle can be varied in a range from about 30 degrees to 75 degrees. *Id.* at 9:5-6. "In various implementations of a case according to the invention, there can be more angles (e.g., more than three different angles) than described here, and different angles (e.g., 8, 20, 35, 40, 50, 55, 65 degrees, and others)" but varying the number of bumps, panels, and hinges. *Id.* at 9:7-17.

Asserted Claims	Citations to Prior Art
	Diebel 2013 Diebel discloses that the stand "permits the user to interface with the electronic device housed in the case at different viewing and working angles." *Id.* at 1:59-61. A feature disclosed of the invention is "the ability to stand in a portrait orientation at a working angle" "permit[ting] the user to interact with certain websites and applications that may only be available in portrait orientation." *Id.* at 1:61-65. Diebel discloses that "When using the portable electronic device, a person would at different times need to hold or set the electronic device onto a surface to work on. When the electronic device is set on a surface, it is difficult to view the electronic device if it is laying flush on top of a table. Also, for electronic devices that allow the person to input into the electronic device, it is difficult for a person to manipulate the electronic device if it is flush on a table. Thus, the device allows the person to manipulate the positioning of the electronic device when placed on a table (or on the user's lap) and adjust the angle when the electronic device is positioned with respect to the table, to allow easier viewing and working access to the electronic device." *Id.* at 5:17-22. The front cover can be folded and positioned in various orientations to achieve multiple viewing angles: (a) a first working angle; (2) a second working angle; (3) a third working angle; (4) a first viewing angle; (5) a fourth working angle; and (6) a second viewing angle. *Id.* at 5:57-67. These are listed in Table A, and described further in the specification as well.

Asserted Claims	Citations to Prior Art

TABLE A

Stand Position	Angle Name	Angles (Degrees)	Angle Range (Degrees)
1	First working angle	8, 9, 10	7-12
2	Second working angle	31, 32, 33	30-38
3	Third working angle	41, 42, 43	40-48
4	First viewing angle	45, 46, 47	43-50
5	Fourth working angle	24, 25, 26	20-30
6	Second viewing angle	74, 75, 76	70-80

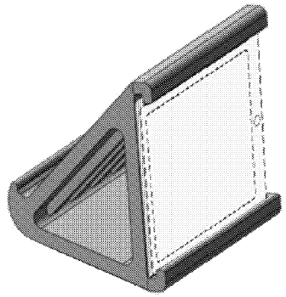
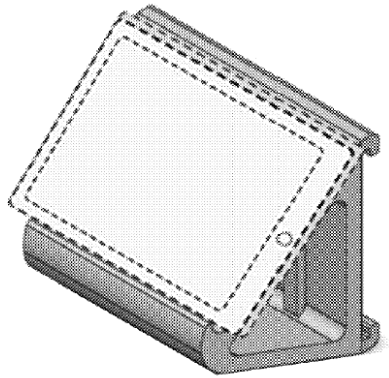
Diebel 2013 discloses that "[w]hen the front cover is opened, folded under the back cover to lie flat, and the back cover is angled in a first position (first working angle, about 7 to 12 degrees) a side view will be triangular in shape." *Id.* at 2:15-18. Diebel discloses a second working angle from about 30 to 38 degrees (*id.* at 2:29-30), a third working angle from about 40 to 48 degrees (*id.* at 2:39-40), and a fourth working angle from about 20 to 30 degrees (*id.* at 2:60-61). *See also id.* at Figs. 2, 3A-3B, 4A-4B, 6A-6B; 6:40-64; 7:8-21. One figure is reproduced below for context.

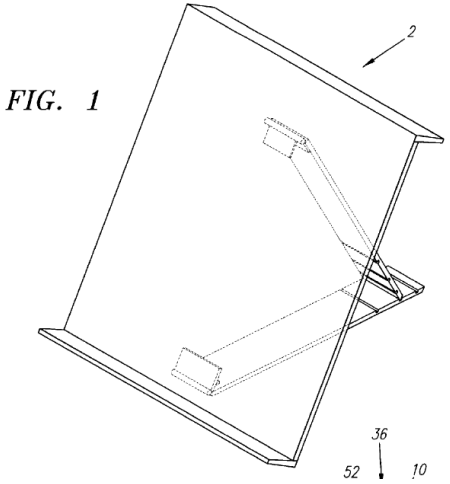
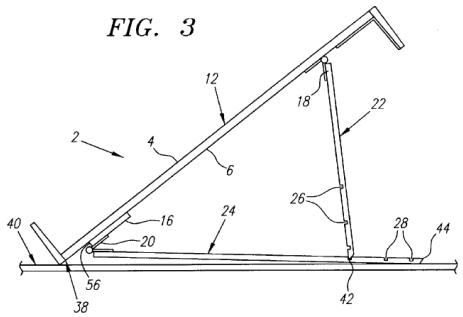
Diebel discloses a first viewing angle from about 43 to 50 degrees (*id.* at 2:47-48), and a second viewing angle from about 170 to 180 degrees (*id.* at 2:66-67). *See also id.* at Figs. 5A-5B, 7A-7D; 6:65-7:7; 7:22-29.

Figures 3B is illustrative of the second working angles.

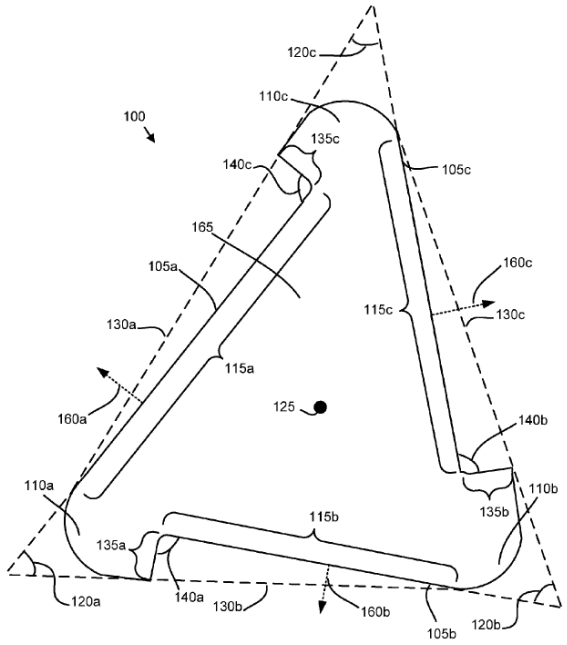
Klepar 2013

Klepar 2013 also discloses that the invention allows for the user to "easily flip over the multi-position stand in one or more usage configurations." *Id.* at [0008]. "The user is enabled to flip over the stand holding the tablet computer in one of three 'flip' positions to get a specific viewing angle or use the tablet as a simple stand." *Id.* at [0029].

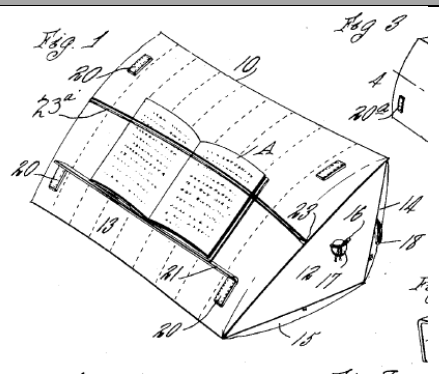
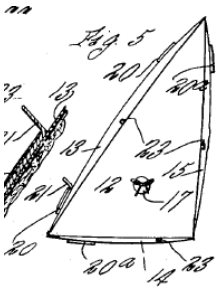
Asserted Claims	Citations to Prior Art
	Klepar 2014 Klepar 2014 discloses a duel-positioning tablet pillow stand. Some illustrative, non-limiting figures from the patent are set forth below.  Fig. 1 Fig. 1 is a perspective view of a dual-positioning tablet pillow stand supporting an image display device in a first viewing position, in accordance with the claimed design.  Fig. 4

Asserted Claims	Citations to Prior Art
	Fig. 4 is perspective view of the dual-positioning tablet pillow stand of Fig. 1 support an image display device in a second viewing position, in accordance with the claimed design. **Ure** Ure discloses that "[t]he angle of the platform relative to the reader can be varied by placing the end of one of the folding arms into a selected one of a plurality of grooves in the other folding arm." *Id.* at Abstract; *see also id.* at 1:41-44.  *FIG. 1*  *FIG. 3*

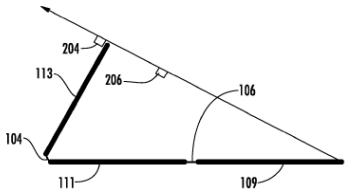
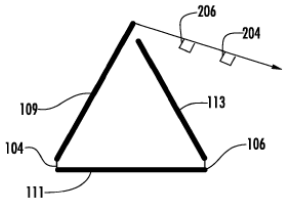
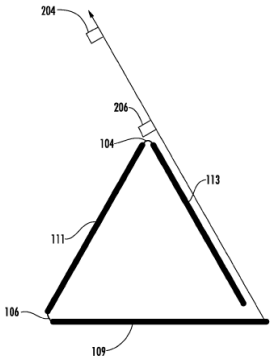
Asserted Claims	Citations to Prior Art
	As shown in Fig. 3, the book stand **2** is capable of being placed on a table **40**, or other surface. By inserting the first tip **42** into a selected one of the plurality of second transverse grooves **28** on the second folding arm **24**, the platform **12** of the book stand **2** can be elevated to various angles for the user's convenience. *Id.* at 4:56-5:13. **Padilla 2014** Padilla 2014 discloses a "case for a tablet computer" that is "configurable to several positions" where "[a]t each position, the tablet computer may be supported in a variety of angles." Padilla 2014 at Abstract; [0001]; [0003] ("at least two standing positions"); [0007]. Padilla 2014 discloses that "[i]n a low stand position, the case provides support and optimal viewing angles for activities such as typing on the tablet computer. In a high loft position, the tablet computer is raised to eye level for ergonomic comfort and ease of use for activities such as viewing videos on the tablet." *Id.* at Abstract; *see also id.* at [0008], [0021]. Padilla 2014 further discloses that the case has mechanisms to allow it to be "configurable" and which "provide stability." *Id.* at Abstract; [0021].
[1.h.iii] a third viewing angle of the third back support is 49 degrees.	**Cannon** Cannon discloses an embodiment with three support sides **155** to generate three distinct viewing angles **160**. Each viewing angle **160** is chosen for a specific viewing orientation. The first viewing angle **160*a*** may be employed when the media support **100** and the media is disposed in the user's lap. The second viewing angle **160*b*** may be used when the media support **100** and the media is disposed on a table and the user is sitting upright. In addition, the 3rd viewing angle **160*c*** may be used when the user is lying down and the media support **100** is disposed on the user. Cannon at [0027]; *see* Fig 2.

Asserted Claims	Citations to Prior Art
	 FIG. 2 **Facet Pyramid** Facet Pyramid discloses a triangular-prism support that allows for a tablet to be propped in three preset viewing positions which can be accessed by rotating the stand. Facet Pyramid at 3. **Baek** Baek discloses that "[t]he present invention provides a viewing angle control sheet that enables clear viewing of the display device from a side angle." *Id.* at [0006]. In one embodiment, this is achieved by "a sheet base and a prism portion formed on the sheet base. . . . [T]he prism portion includes prism patterns having different refractive indices, and a refractive index between the prism patterns is implemented in a range of 0.08 to 0.31, thereby achieving a viewing angle of 40 degrees or greater when the display device

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	is arranged at an inclination angle of 20 degrees or less relatively to the ground." *Id.* at [0008]. In another embodiment, "a viewing angle control sheet formed on a display device includes a sheet base and a prism portion having a first prism pattern formed on the sheet base and a second prism pattern formed on the first prism pattern. Here, the refractive index difference between the prism patterns is implemented in a range of 0.08 to 0.31." *Id.* at [0009]. Baek further discloses that "When the viewing angle control sheet according to the present invention is formed on a display device and used, the viewing angle of the display device can be adjusted to a desired angle by using the viewing angle control sheet. As a result, a user can clearly view the screen of the display device from a desired position." *Id.* at [0010].; *see also id.* at Effect of Invention, generally. Baek specifically discloses an embodiment with a viewing angle of 49 degrees and 41 degrees (Figs. 12 and 13, [0062]-[0064], [0068]-[0070]). **Barcalo** Barcalo discloses a pillow for use of propping materials for reading which is triangular in shape. "The ends 12 of the case or sack are triangular in shape, being preferably obtuse angled triangles . . . [with] the triangular ends . . . connected by rectangular faces 13, 14 and 15. Such a pillow is, therefore, triangular in transverse cross section. The edges of the triangular ends are preferably nearly, but not equal in length, and all the angles of the triangle also are preferably unequal, so that when the pillow is supported upon different side faces, the other side faces will make different inclinations to the supporting surface." *Id.* at 1:79-91. *See, e.g.*, Fig. 1.

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	 Figure 5 shows an end elevation of the pillow in Figs. 1-4, showing the small pockets on all three faces.  Barcalo further discloses that "[a] bar 21 serves as the rest and is provided with depending angular feet 22 which are received in the pockets 20 along either side edge of a side face of the pillow, as shown in Fig. 1. The bar or rest 21 thus forms a flange or ledge extending away from the side face of the pillow against which it is placed, and holds a book or magazine or other article A, that may rest upon this inclined face of the pillow, from sliding down this inclined face. For example, in Fig. 1, this rest or bar 21 is adjacent the lower edge portion of the face 13 when the pillow is resting upon the side face 15" (see above). *Id.* at 2:32-44.

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	Lin A feature of the invention is an angle "between the bottom edges of the two support panels" which "can be adjusted appropriately to control the inclination of the support stand and the spreading range of the two support panels, so that users may change the inclination of supporting the object according to their preference." *Id.* at 2:13-20. Adjustments can be made by altering the angle between the left bottom edge **111** of the left support panel **11** and the right bottom edge **121** of the right support panel **12** to control the extent of spreading, allowing users to change the inclination of supporting the object. *Id.* at 4:45-54. **Diebel 2011** Diebel 2011 discloses a specific implementation where each panel is approximately the same length, forming an equilateral trial, and the angle provided is about 60 degrees. *Id.* at 6:47-50. The angle from the table can be varied in a range from about 15 degrees to about 60 degrees by adjusting the length of panel 113 and position of bump 204 (*see* Fig 5B, above). *Id.* at 8:47-50.

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	 FIG. 5E  FIG. 5D  FIG. 5F *See id.* at Figs. 5D–5E (depicting cross-sectional views of Figs. 5A, B, and C, respectively, as viewed from the left side of the case). The internal angle is about 60 degrees and is regarded as useful for "viewing media (e.g., watching a movie) on an electronic tablet)" and can be adjusted to more or less than 60 degrees by lengthening or shortening the panel. *Id.* at 8:64-9:4. This angle can be varied in a range from about 30 degrees to 75 degrees. *Id.* at 9:5-6. "In various implementations of a case according to the invention, there can be more angles (e.g., more than three different angles) than described here, and different angles (e.g., 8, 20, 35, 40, 50, 55, 65 degrees, and others)" but varying the number of bumps, panels, and hinges. *Id.* at 9:7-17.

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	Diebel 2013 Diebel discloses that the stand "permits the user to interface with the electronic device housed in the case at different viewing and working angles." *Id.* at 1:59-61. A feature disclosed of the invention is "the ability to stand in a portrait orientation at a working angle" "permit[ting] the user to interact with certain websites and applications that may only be available in portrait orientation." *Id.* at 1:61-65. Diebel discloses that "When using the portable electronic device, a person would at different times need to hold or set the electronic device onto a surface to work on. When the electronic device is set on a surface, it is difficult to view the electronic device if it is laying flush on top of a table. Also, for electronic devices that allow the person to input into the electronic device, it is difficult for a person to manipulate the electronic device if it is flush on a table. Thus, the device allows the person to manipulate the positioning of the electronic device when placed on a table (or on the user's lap) and adjust the angle when the electronic device is positioned with respect to the table, to allow easier viewing and working access to the electronic device." *Id.* at 5:17-22. The front cover can be folded and positioned in various orientations to achieve multiple viewing angles: (a) a first working angle; (2) a second working angle; (3) a third working angle; (4) a first viewing angle; (5) a fourth working angle; and (6) a second viewing angle. *Id.* at 5:57-67. These are listed in Table A, and described further in the specification as well.

Asserted Claims	Citations to Prior Art

TABLE A

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5	Fourth working angle	24, 25, 26	20-30
6	Second viewing angle	74, 75, 76	70-80

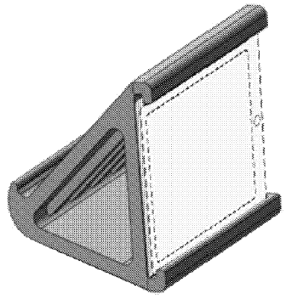
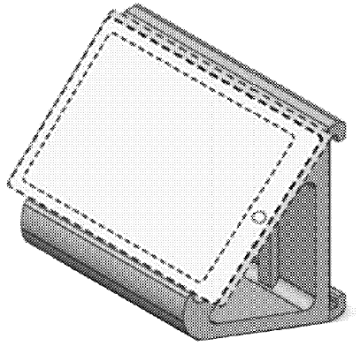
Diebel 2013 discloses that "[w]hen the front cover is opened, folded under the back cover to lie flat, and the back cover is angled in a first position (first working angle, about 7 to 12 degrees) a side view will be triangular in shape." *Id.* at 2:15-18. Diebel discloses a second working angle from about 30 to 38 degrees (*id.* at 2:29-30), a third working angle from about 40 to 48 degrees (*id.* at 2:39-40), and a fourth working angle from about 20 to 30 degrees (*id.* at 2:60-61). *See also id.* at Figs. 2, 3A-3B, 4A-4B, 6A-6B; 6:40-64; 7:8-21. One figure is reproduced below for context.

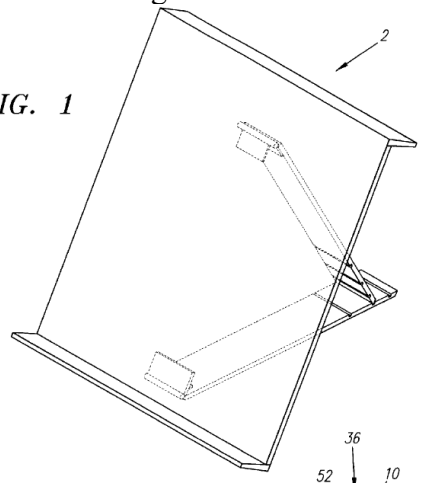
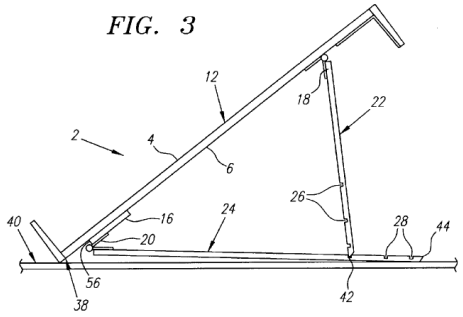
Diebel discloses a first viewing angle from about 43 to 50 degrees (*id.* at 2:47-48), and a second viewing angle from about 170 to 180 degrees (*id.* at 2:66-67). *See also id.* at Figs. 5A-5B, 7A-7D; 6:65-7:7; 7:22-29.

Figures 3B is illustrative of the second working angles.

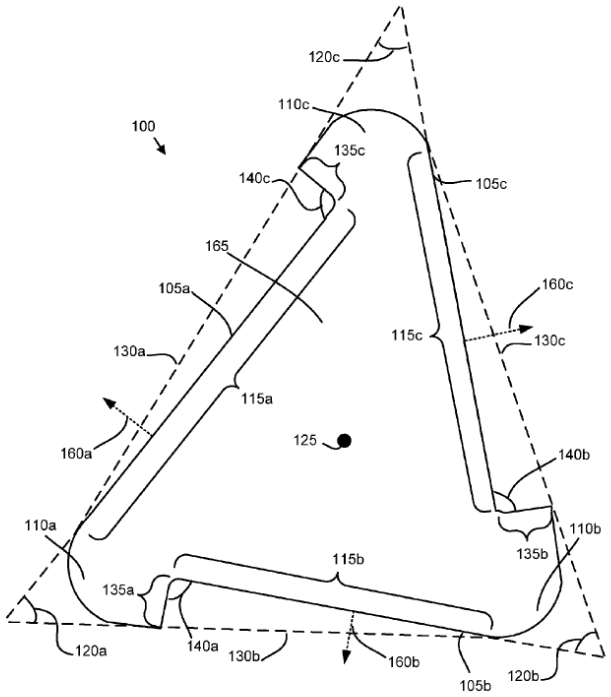
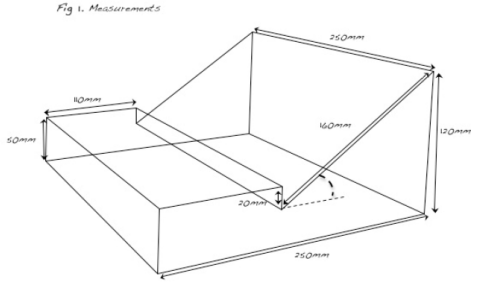
Klepar 2013

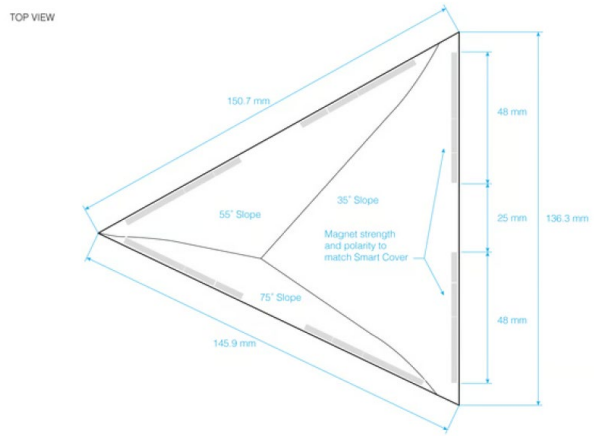
Klepar 2013 also discloses that the invention allows for the user to "easily flip over the multi-position stand in one or more usage configurations." *Id.* at [0008]. "The user is enabled to flip over the stand holding the tablet computer in one of three 'flip' positions to get a specific viewing angle or use the tablet as a simple stand." *Id.* at [0029].

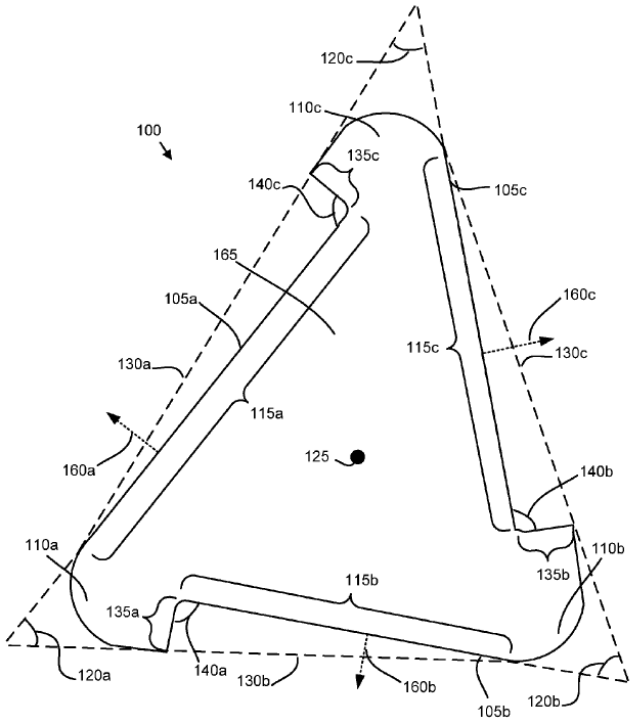
Asserted Claims	Citations to Prior Art
	<u>Klepar 2014</u> Klepar 2014 discloses a duel-positioning tablet pillow stand. Some illustrative, non-limiting figures from the patent are set forth below.  Fig. 1 Fig. 1 is a perspective view of a dual-positioning tablet pillow stand supporting an image display device in a first viewing position, in accordance with the claimed design.  Fig. 4 Fig. 4 is perspective view of the dual-positioning tablet pillow stand of Fig. 1 support an image display device in a second viewing position, in accordance with the claimed design.

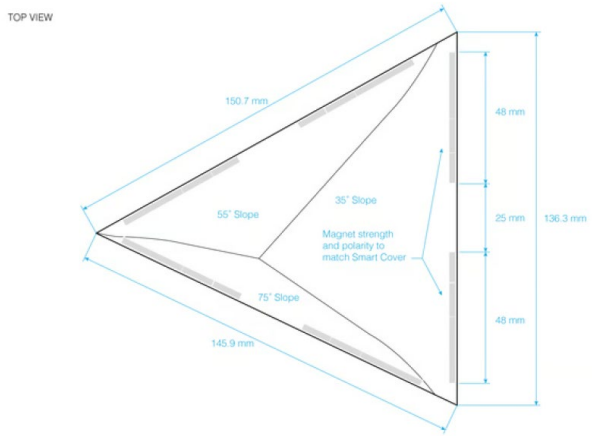
Asserted Claims	Citations to Prior Art
	Ure Ure discloses that "[t]he angle of the platform relative to the reader can be varied by placing the end of one of the folding arms into a selected one of a plurality of grooves in the other folding arm." *Id.* at Abstract; *see also id.* at 1:41-44. *FIG. 1*  *FIG. 3* 

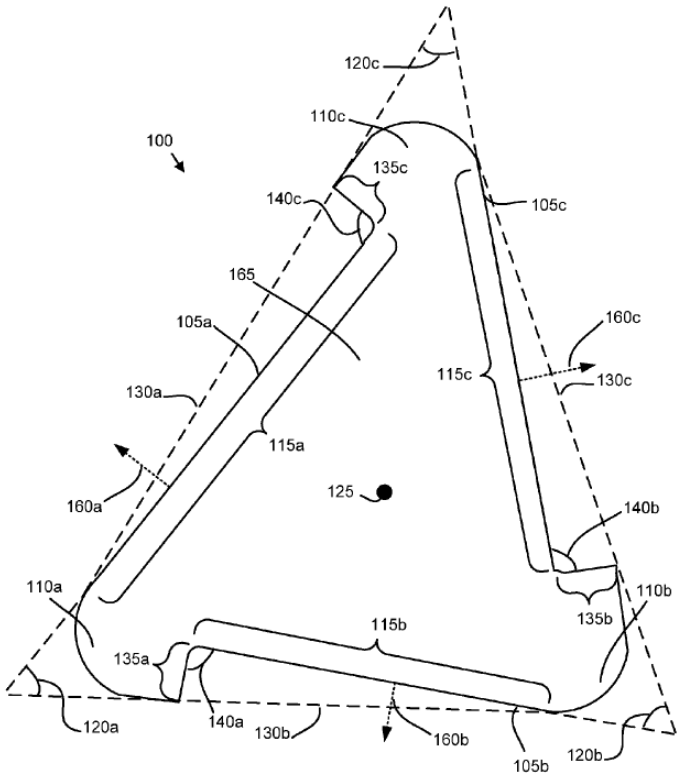
Asserted Claims	Citations to Prior Art
	As shown in Fig. 3, the book stand **2** is capable of being placed on a table **40**, or other surface. By inserting the first tip **42** into a selected one of the plurality of second transverse grooves **28** on the second folding arm **24**, the platform **12** of the book stand **2** can be elevated to various angles for the user's convenience. *Id.* at 4:56-5:13. **Padilla 2014** Padilla 2014 discloses a "case for a tablet computer" that is "configurable to several positions" where "[a]t each position, the tablet computer may be supported in a variety of angles." Padilla 2014 at Abstract; [0001]; [0003] ("at least two standing positions"); [0007]. Padilla 2014 discloses that "[i]n a low stand position, the case provides support and optimal viewing angles for activities such as typing on the tablet computer. In a high loft position, the tablet computer is raised to eye level for ergonomic comfort and ease of use for activities such as viewing videos on the tablet." *Id.* at Abstract; *see also id.* at [0008], [0021]. Padilla 2014 further discloses that the case has mechanisms to allow it to be "configurable" and which "provide stability." *Id.* at Abstract; [0021].
Claim 2	
[2.pre] The apparatus of claim 1, wherein	*See* claim 1.
[2.a] the first back support has a longitudinal length in the range of 12 to 26 centimeters (cm),	**Cannon** Cannon discloses an embodiment wherein the first back support **105*a*** has a longitudinal length **115*a*** in the range of 12 to 26 centimeters (cm). Cannon at [0022].

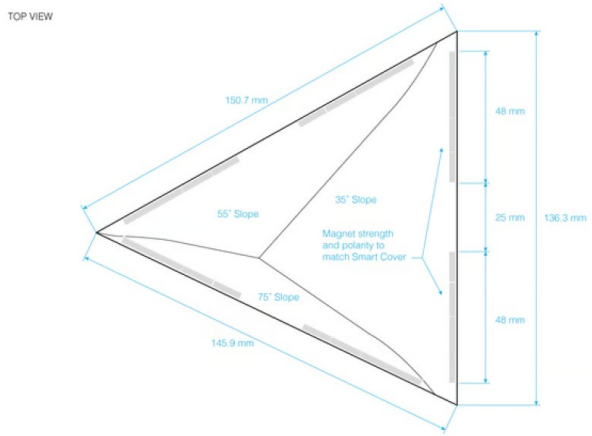
Asserted Claims	Citations to Prior Art
	 FIG. 2 **Preece**  *Id.* at 6.

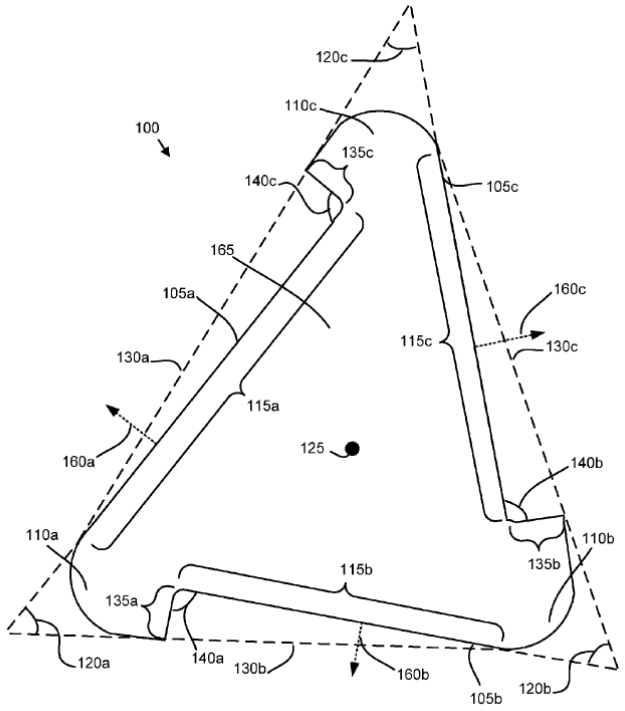
Asserted Claims	Citations to Prior Art
	Facet Pyramid  Facet Pyramid at 7.
the second back support has a longitudinal length in the range of 9 to 21 cm, and	**Cannon** Cannon discloses the second support back **105*b*** has a longitudinal length **115*b*** in the range of 9 to 21 cm. Cannon at [0022].

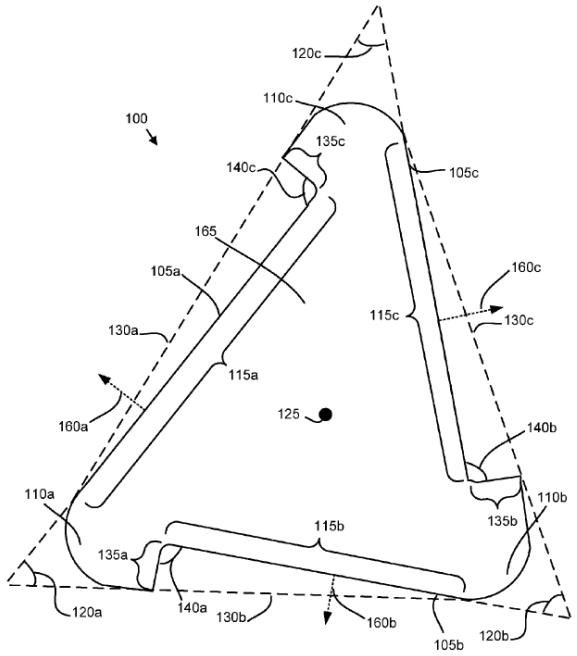
Asserted Claims	Citations to Prior Art
	 FIG. 2

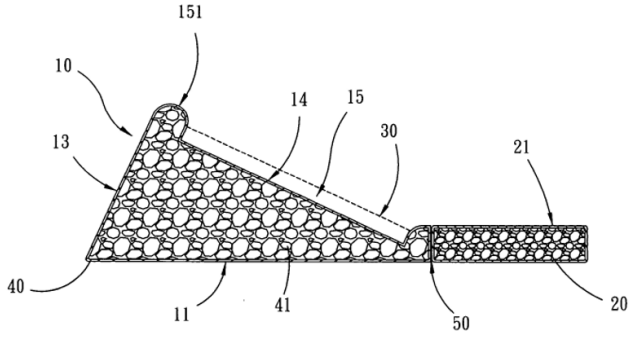
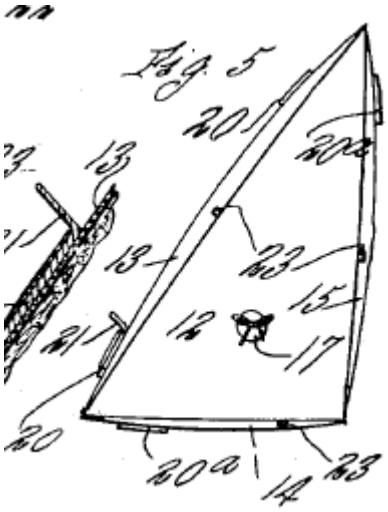
Asserted Claims	Citations to Prior Art
	Facet Pyramid  Facet Pyramid at 7.
the third back support has a longitudinal length in the range of 10 to 22 cm.	**Cannon** Cannon discloses the third support back **105*c*** has a longitudinal length **115*c*** in the range of 10 to 22 cm. *Id.* at [0022].

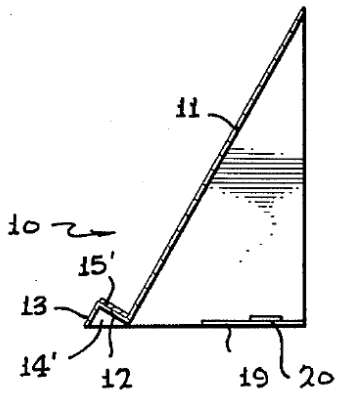
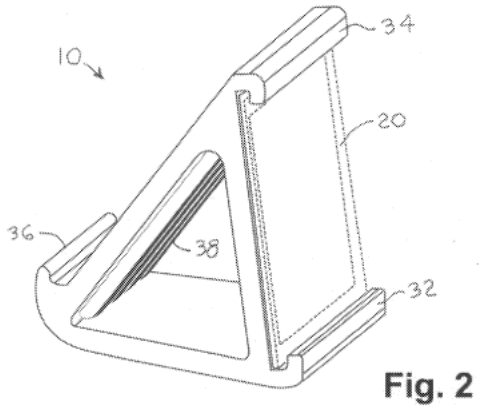
Asserted Claims	Citations to Prior Art
	 FIG. 2 **Facet Pyramid**

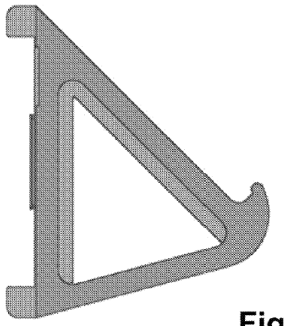
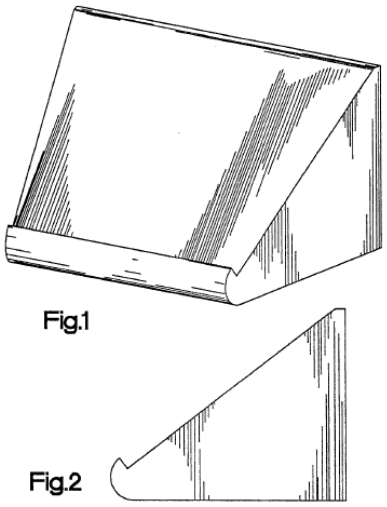
Asserted Claims	Citations to Prior Art
	 Facet Pyramid at 7.
Claim 8	
[8.pre] The apparatus of claim 1, wherein	*See* claim 1.
[8.a] each edge support has an edge support width in the range of 1 to 5 centimeters (cm).	**Cannon** Cannon discloses each edge support **110** may have an edge support width **135**. The edge support width **135** may be in the range of 1 to 5 cm. In a certain embodiment, the edge support width **135** is 2 cm. Cannon at [0024].

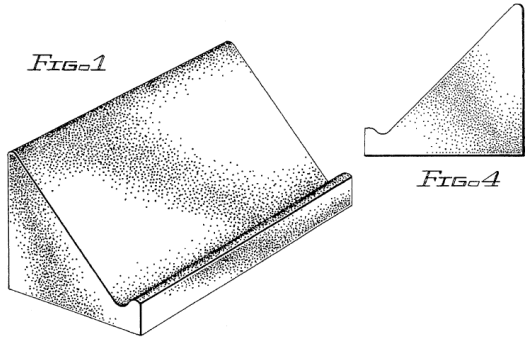
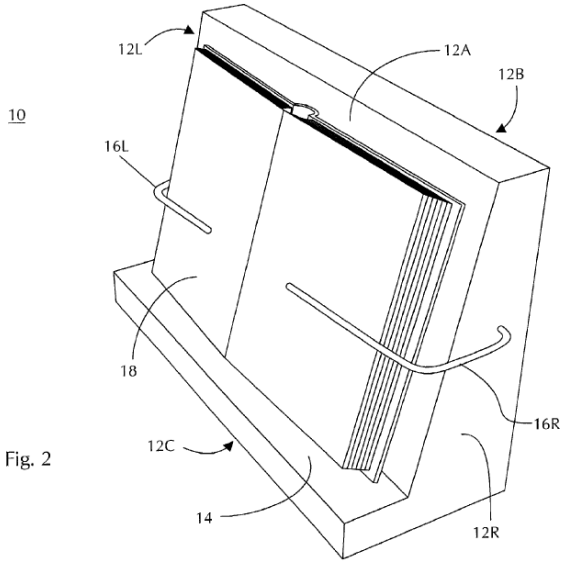
Asserted Claims	Citations to Prior Art
	 FIG. 2 The prior art taught, and the POSA would know, that the width should be thick enough to hold the media disposed on it. It would have been the routine work of the POSA to measure the width and angle of the edge support. Halpin also discloses a structure with thickness to accommodate books of varying sizes. Halpin at [0027].
Claim 9	
[9.pre] The apparatus of claim 1, wherein	*See* claim 1.
[9.a] a plane of each edge support forms an edge angle in the range of 85 to 120 degrees with an adjacent back support.	**Cannon** Cannon discloses each edge support **110** forms an edge angle **140** with an adjacent back support **105**. The edge angle **140** may be in the range of 85 to 120 degrees. Cannon at [0024].

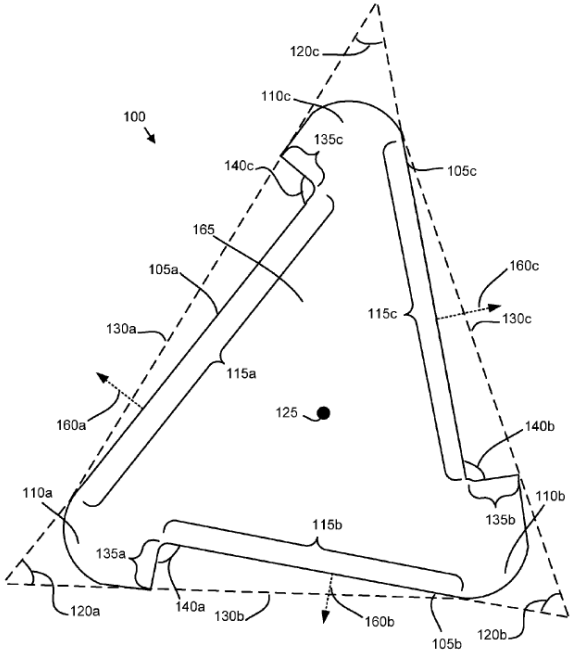
Asserted Claims	Citations to Prior Art
	 FIG. 2 **Huang**

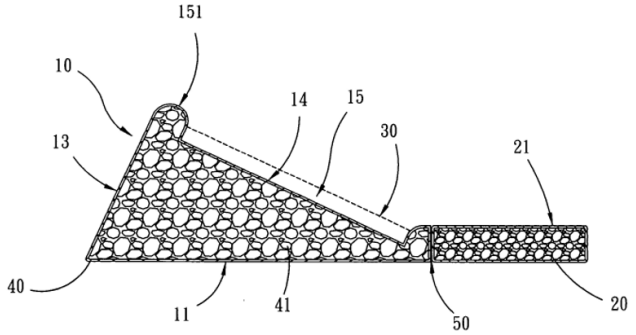
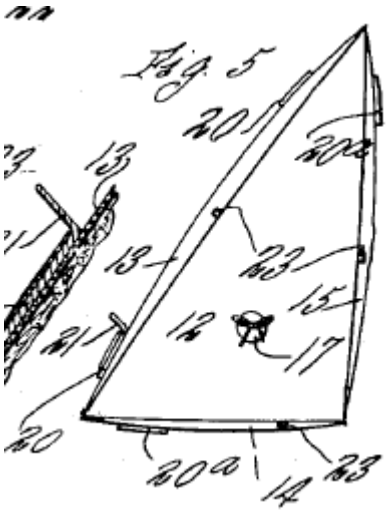
Asserted Claims	Citations to Prior Art
	 第2圖 **Barcalo**  **Radtke**

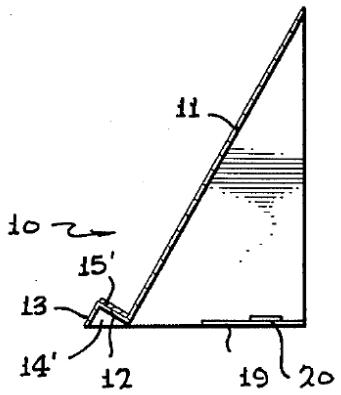
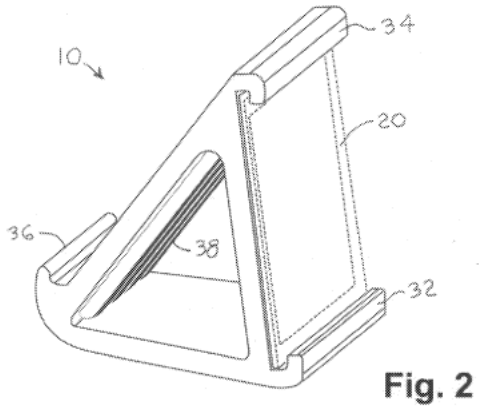
Asserted Claims	Citations to Prior Art
	FIG. 3  **Klepar 2013**  Fig. 2 **Klepar 2014**

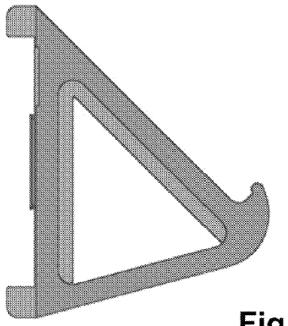
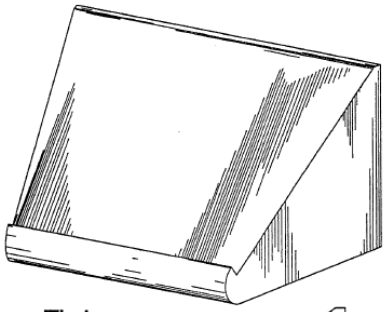
Asserted Claims	Citations to Prior Art
	 Fig. 7 **Falter** Falter discloses a triangular lap desk with an edge.  Fig.1 Fig.2 **Tubbs** Tubbs discloses a triangular reading stand with a ledge.

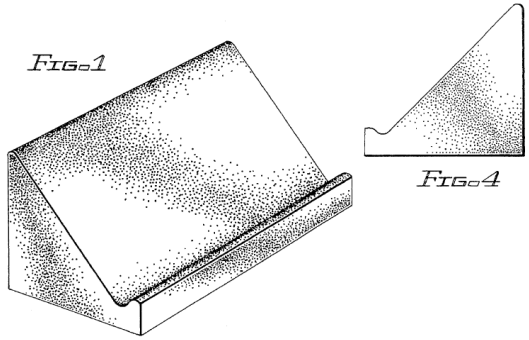
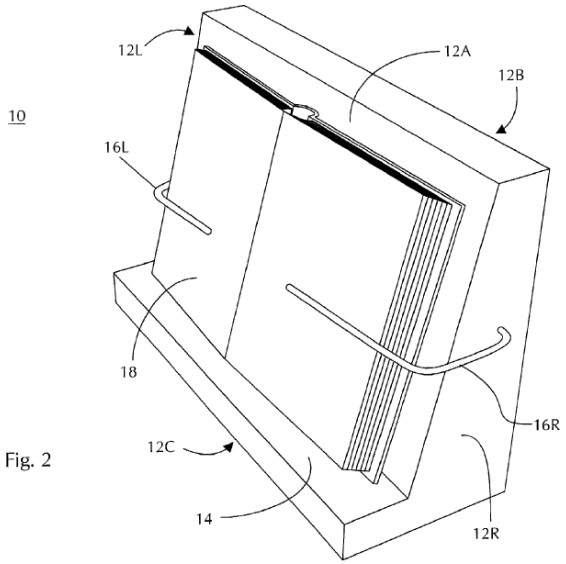
Asserted Claims	Citations to Prior Art
	 **Halpin**  Fig. 2
Claim 10	

Asserted Claims	Citations to Prior Art
[10.pre] The apparatus of claim 9, wherein	*See* claims 1 and 9.
[**[10.a]** the edge angle is 90 degrees.	**Cannon** Cannon discloses that the edge angle **140** may be 90 degrees. Cannon at [0024].  FIG. 2 Further, it would be the routine work of the POSA to measure the width and angle of the edge support. As shown below, the prior art disclosed edge angles of 90 degrees, and taught that the width should be stable enough to hold the media disposed on it, and the POSA would know an element of which is thickness (width). **Huang**

Asserted Claims	Citations to Prior Art
	 第2圖 **Barcalo**  **Radtke**

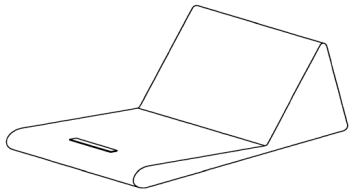
Asserted Claims	Citations to Prior Art
	FIG. 3  **Klepar 2013**  Fig. 2 **Klepar 2014**

Asserted Claims	Citations to Prior Art
	 Fig. 7 **Falter** Falter discloses a triangular lap desk with an edge.  Fig.1  Fig.2 **Tubbs** Tubbs discloses a triangular reading stand with a ledge.

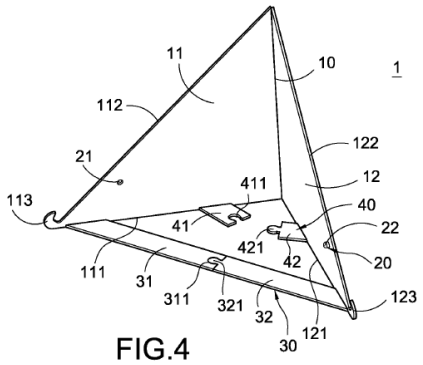
Asserted Claims	Citations to Prior Art
	 **Halpin**  Fig. 2 **Preece**

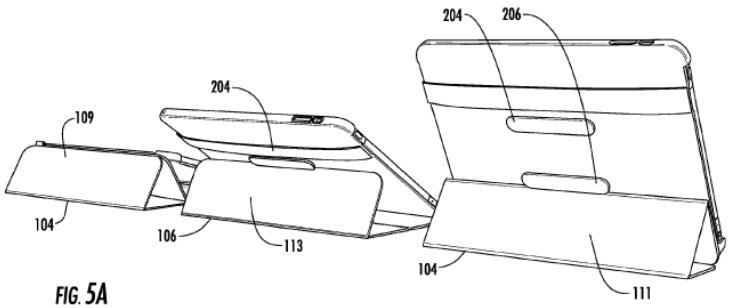
Asserted Claims	Citations to Prior Art
	Preece discloses an iPad stand "is constructed of closed-cell Polyethylene or Ethylene Vinyl Acetate (EVA) foam, giving it a non-slip surface that will not scratch the device, is comfortable on both the arms and thighs, and will not be cold, even on bare skin such as the thighs unlike the device itself." *Id.* at Abstract, 1. **Hong** discloses that the pillow has the feature of "plac[ing] the tablet computer against one face of the triangular prism" and "[a] strip of coarse material . . . provided at the end of the inclined surface to prevent the tablet computer from sliding off." Hong at Design Features. **Barcalo** Specific benefits of the pillow include stability when positioned on the lap and softness which will prevent slipping. *Id.* at 3:56-61. **Dean** Dean discloses that these regions assist in preventing slipping of the object (e.g. cards) propped against the supportive member **10** by having projections **15** and **16** to engage the cards.
Claim 12	
[12.pre] A media support apparatus comprising:	**Cannon** Cannon discloses an apparatus for multiple viewing angle media support, which includes three support sides, and where each support side includes a back support and an edge support. Cannon at Abstract, [0004]; *see* Fig. 1. **Preece** Preece discloses an iPad stand that "supports the device on the lap without the need to support it with the hands, lifts and tilts the screen to a more comfortable 35 degrees for easier viewing and less neck strain." *Id.* at Abstract, 1.

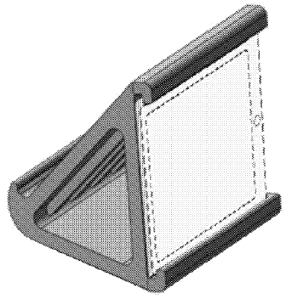
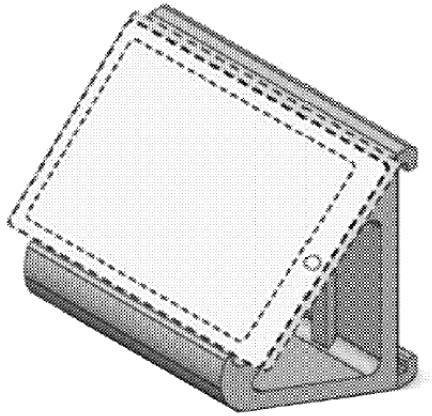
Asserted Claims	Citations to Prior Art
	Facet Pyramid Facet Pyramid discloses a triangular-prism support that allows for a tablet to be propped in three preset viewing positions which can be accessed by rotating the stand. Facet Pyramid at 3. Each face is precisely angled (35º, 55º, and 75º) and provides for a stable, hands-free tilt for typing, watching, or drawing. *Id*. Magnets hold the device in place to the stand. *Id.*; *see also id.* at 6.  *Id.* at 2. **PadPillow** 

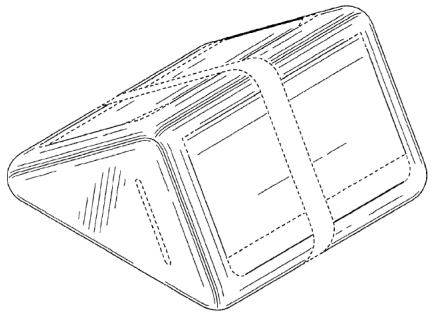
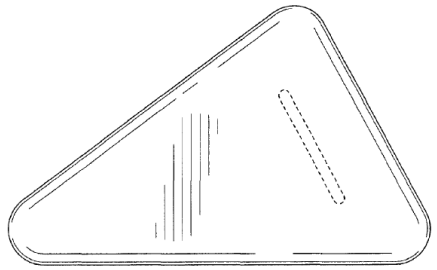
Asserted Claims	Citations to Prior Art
	PadPillow at 1. PadPillow discloses that the tablet-holder is "[a] soft, huggable pillow" which "lets you rest any generation of your iPad on your lap or stomach," and can be adjusted for the floor, a chair, or lying in bed. *Id.* at 2. **Baek** Baek is directed to a "viewing angle control sheet" which enables viewing of a surface at a viewing angle of 40 degrees or more, depending on the incline from the ground (i.e. 20 degrees inclination from the ground or less enables a viewing angle of 40 degrees or more). Baek at Abstract. **Hong** Hong discloses a pillow for use for a tablet computer. Hong describes the shape of the pillow, where one side of the pillow is a triangular prism, and the other side is an inclined surface. Hong at Design Features. Hong discloses that the pillow has the feature of "plac[ing] the tablet computer against one face of the triangular prism" and "[a] strip of coarse material . . . provided at the end of the inclined surface to prevent the tablet computer from sliding off." *Id.*  **Huang** Huang discloses a tablet support pad that can support a tablet at a desired viewing angle. Huang at Abstract. Huang discloses that "The bearing surface and the bottom surface are maintained at an oblique angle relative to each other. The bearing surface features a receiving groove, the transverse width of which is relatively greater than its longitudinal width, allowing a tablet computer to be placed horizontally into the receiving groove. At a location in the receiving groove near the rear side, there is a pillow portion that protrudes from the bearing surface. When the tablet computer is placed vertically in the

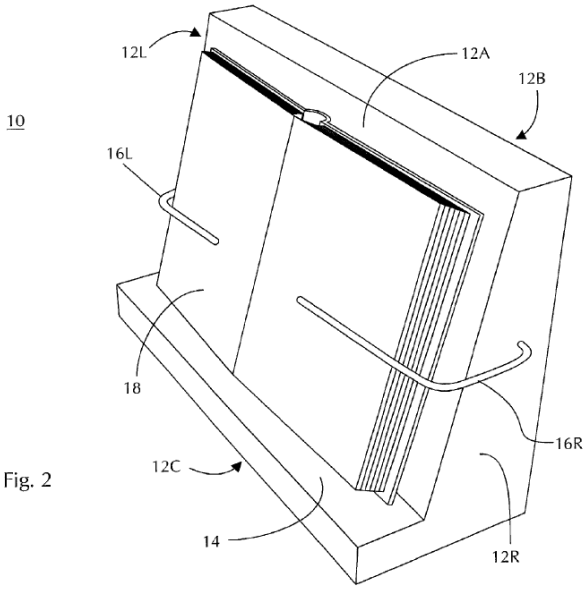
Asserted Claims	Citations to Prior Art
	receiving groove, the pillow portion can be used to elevate the tablet computer's tilt angle to reduce glare." *Id.* at 4. "When the tablet computer 30 is placed vertically in the receiving groove (see "Fig. 3"), the pillow portion 151 can be used to elevate the tilt angle of the tablet computer 30, which can address the issue of screen glare on the tablet computer 30." *Id.* at 5. **Barcalo** Barcalo discloses pillows or cushions to support books or magazines "adjustably" for convenient reading positions. Barcalo at 1:1-4. The support can be used at "varied inclinations" which are "convenient for reading." **Dean** Dean discloses a triangular portable support for maintaining objects in an upright manner. Dean at Abstract. "The support is generally triangular cross section . . . and provided with plural raised projections near each apex." *Id*.; *see also id.* at Fig. 1. **Radtke** Radtke discloses "[a] stand or supporting books, magazines, pamphlets or other reading material . . . having triangular side pieces serving as braces with lateral base strips forming a stabilized bottom." Radtke at Abstract. **Lin** Lin discloses a "one-piece support stand . . . for slantingly supporting an object on a work surface, and the support stand includes a central folding line for dividing the support stand into a left support panel and a right support panel interconnected with each other, and each of the support panels being substantially in a triangular shape and having a bottom edge and a bevel edge, and an inverted hook portion being formed at an intersection of the bottom edge and the bevel edge and bent towards the bevel edge . . . the two bevel edges and the two inverted hook portions being provided for supporting the object." Lin at Abstract; *see also id.* at 1:44-57. Lin summarizes this shape as "substantially in a triangular shape, and both interconnected support panels are provided for slantingly

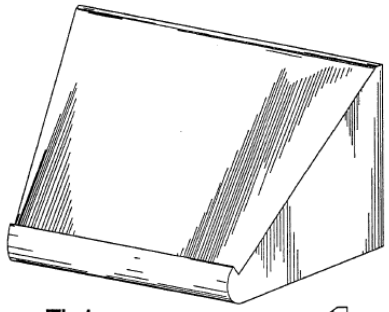
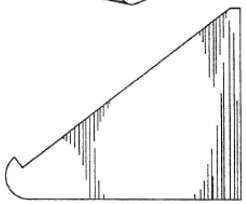
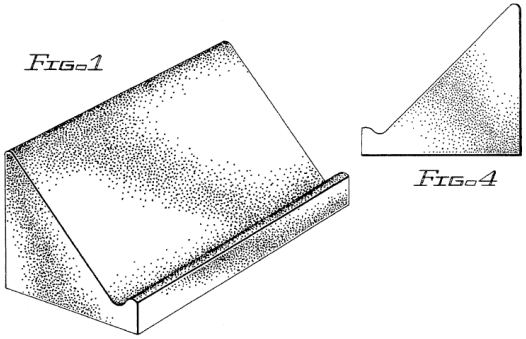
Asserted Claims	Citations to Prior Art
	supporting an object on a work surface." *Id.* at 2:1-4. This is described in detail in the below Fig. 4.  FIG.4 The support panels are demonstrated at **11** and **12**. The left bevel edge **112** and right bevel edge **122** end in inverted hook portions **113** and **123** for supporting the object **100** (demonstrated in Fig. 6, below). *See generally id.* at cols. 2-4; *see also id.* at 3:3-9; 3:25-44. **Diebel 2011** Diebel 2011 discloses a foldable cover with panels or sections and hinges that allow the cover to be folded into a stand for an electronic tablet or other electric device. Diebel 2011 at Abstract; 1:59-61; *see also id.* at 5:4-14 (listing numerous media devices which may be used with the disclosures of the patent). A configuration achievable by the foldable cover is a triangular cross-sectional shape. *Id.* at 6:32-33; 6:35-37.

Asserted Claims	Citations to Prior Art
	 FIG. 5A FIG. 5B FIG. 5C *Id.* at Figs. 5A–5C (depicting triangular stand providing different angles); 8:14-60 (Figs. 5A, 5B, and 5C depicting angles from the table of about 15 degrees, 30 degrees, and 60 degrees, respectively, allowing for typing on the device, with 60 degrees regarded as a "viewing angle"); *see also* Fig. 10 (perspective of stand at viewing angle, 60 degrees). **Diebel 2013** Diebel 2013 discloses a cover for a portable electronic device, such as a tablet computer, which "includes a plurality of panel sections and a plurality of hinges" to be "folded along the hinges to act as stand for the portable electronic device." Diebel 2013 at Abstract. Using the foldable hinges, the "stand can support the device in various working and viewing angles, for both portrait and landscape orientations." *Id.* at Abstract. **Klepar 2014** Klepar 2014 discloses a duel-positioning tablet pillow stand. Some illustrative, non-limiting figures from the patent are set forth below.

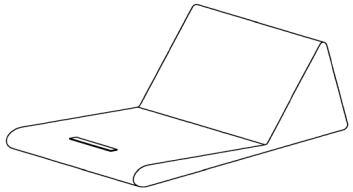
Asserted Claims	Citations to Prior Art
	 Fig. 1 Fig. 1 is a perspective view of a dual-positioning tablet pillow stand supporting an image display device in a first viewing position, in accordance with the claimed design.  Fig. 4 Fig. 4 is perspective view of the dual-positioning tablet pillow stand of Fig. 1 support an image display device in a second viewing position, in accordance with the claimed design.

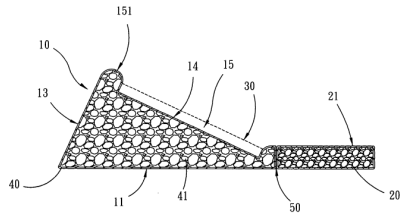
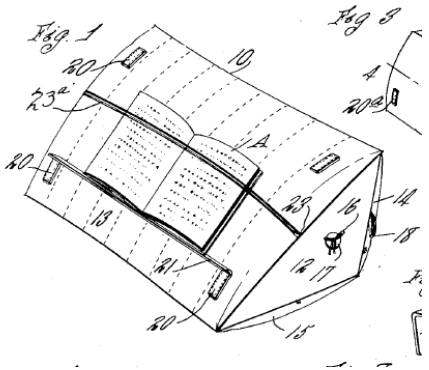
Asserted Claims	Citations to Prior Art
	Padilla 2013 Padilla 2013 discloses an ornamental tablet stand. Illustrative, non-limiting examples are set forth below.  FIG. 2 Fig. 2 is a perspective view of the tablet stand.  FIG. 6 Fig. 6 is a side view of one side thereof.

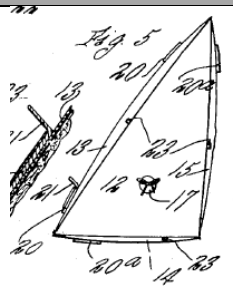
Asserted Claims	Citations to Prior Art
	Halpin Halpin discloses a "book-holding device constructed from a block of semi-rigid foam, including a cut-out which forms a frontal ledge." Halpin at Abstract; [0002], [0027], [0029]. The structure is pliable allowing for books of a variety of sizes and thickness to fit within the book holder. *Id.* at [0027].  Fig. 2 **Ure** Ure discloses a "portable book stand" "adapted for attachment to the back of a pew, bench, chair, or similar item, as well as free-standing use on a flat surface such as a table." Ure at Abstract; *see also id.* at 1:4-7. **Falter** Falter discloses a triangular lap desk with an edge.

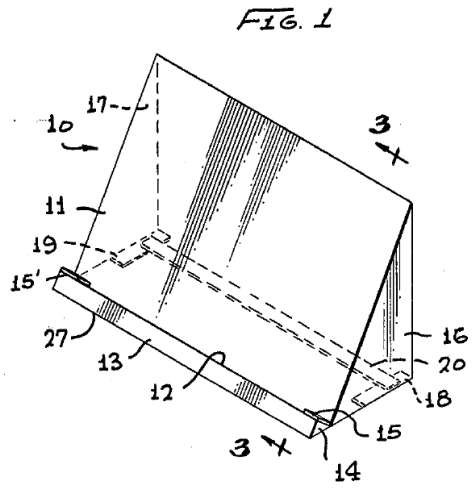
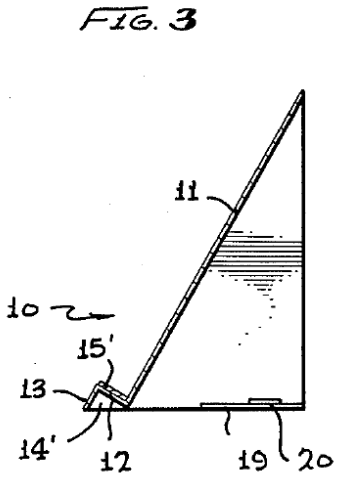
Asserted Claims	Citations to Prior Art
	 Fig.1  Fig.2 **Tubbs** Tubbs discloses a triangular reading stand with a ledge.  FIG. 1 FIG. 4 **Padilla 2014** Padilla 2014 discloses a "case for a tablet computer" that is "configurable to several positions" where "[a]t each position, the tablet computer may be supported in a variety of angles." Padilla 2014 at Abstract; [0001]; [0003] ("at least two standing positions"); [0007]. Padilla 2014 discloses that "[i]n a low stand position, the case provides support

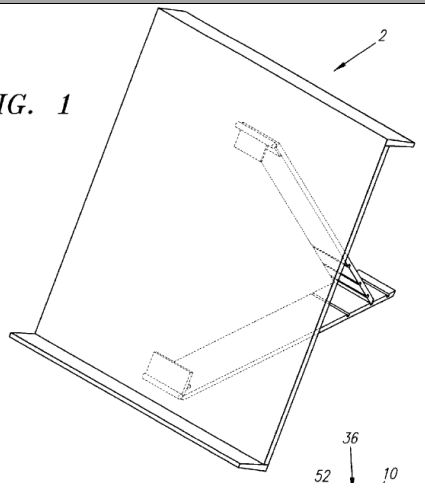
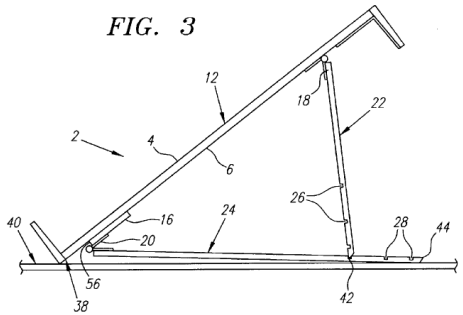
Asserted Claims	Citations to Prior Art
	and optimal viewing angles for activities such as typing on the tablet computer. In a high loft position, the tablet computer is raised to eye level for ergonomic comfort and ease of use for activities such as viewing videos on the tablet." *Id.* at Abstract; *see also id.* at [0008], [0021]. Padilla 2014 further discloses that the case has mechanisms to allow it to be "configurable" and which "provide stability." *Id.* at Abstract; [0021].
[12.a] a body having first support back, a second support back, and a third support back disposed about a central axis,	**Cannon** As described above, the apparatus disclosed in Cannon has multiple viewing angle media support, which includes three support sides, and where each support side includes a back support and an edge support. *Id.* at Abstract, [0004]; *see* Fig. 1. Cannon discloses that the support sides **155** of the multiple viewing angle media support may be disposed about a central axis **125**. *Id.* at [0016]; *see also id.* at [0004]. **Preece** Preece discloses that the "device can be supported in both landscape or portrait mode." *Id.* at Abstract, 1.  *Id.* at 5. **PadPillow**

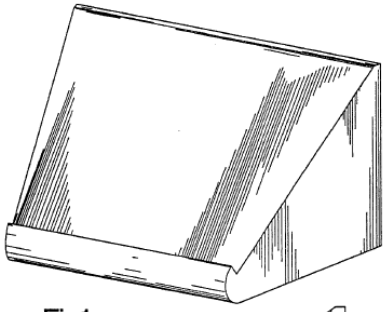
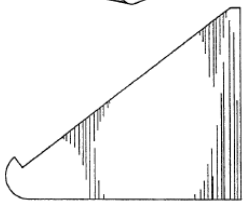
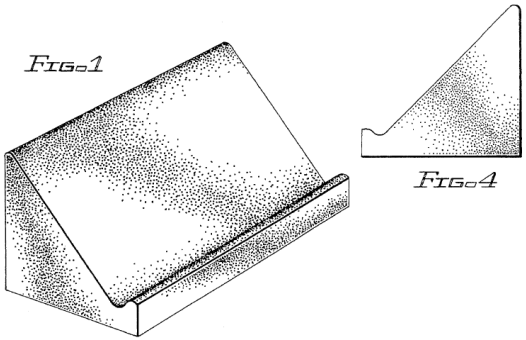
Asserted Claims	Citations to Prior Art
	 PadPillow at 1. PadPillow discloses that the tablet-holder is "[a] soft, huggable pillow" which "lets you rest any generation of your iPad on your lap or stomach," and can be adjusted for the floor, a chair, or lying in bed. *Id.* at 2. **Hong** Hong discloses a pillow for use for a tablet computer. Hong describes the shape of the pillow, where one side of the pillow is a triangular prism, and the other side is an inclined surface. Hong at Design Features. Hong discloses that the pillow has the feature of "plac[ing] the tablet computer against one face of the triangular prism" and "[a] strip of coarse material . . . provided at the end of the inclined surface to prevent the tablet computer from sliding off." *Id.*  **Huang** The tablet is based on the bearing surface (14) which extends rearward and upward along the longitudinal direction of the front side surface (12), toward the rear side surface (13), such that the rear side surface and the bearing surface are at an oblique angle. *See also* Fig. 2 (below).

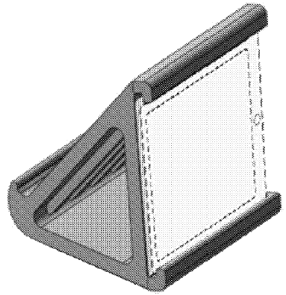
Asserted Claims	Citations to Prior Art
	 第2圖 **Barcalo** Barcalo discloses a pillow for use of propping materials for reading which is triangular in shape. "The ends 12 of the case or sack are triangular in shape, being preferably obtuse angled triangles . . . [with] the triangular ends . . . connected by rectangular faces 13, 14 and 15. Such a pillow is, therefore, triangular in transverse cross section. The edges of the triangular ends are preferably nearly, but not equal in length, and all the angles of the triangle also are preferably unequal, so that when the pillow is supported upon different side faces, the other side faces will make different inclinations to the supporting surface." *Id.* at 1:79-91. *See, e.g.*, Fig. 1.  Figure 5 shows an end elevation of the pillow in Figs. 1-4, showing the small pockets on all three faces.

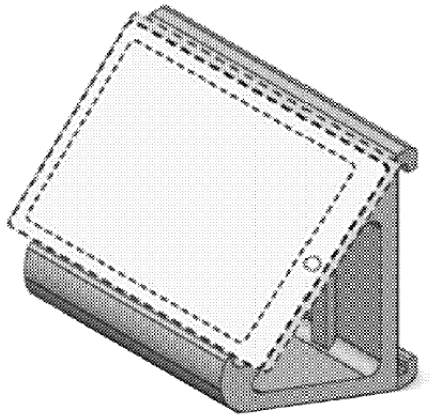
Asserted Claims	Citations to Prior Art
	 Barcalo further discloses that "[a] bar 21 serves as the rest and is provided with depending angular feet 22 which are received in the pockets 20 along either side edge of a side face of the pillow, as shown in Fig. 1. The bar or rest 21 thus forms a flange or ledge extending away from the side face of the pillow against which it is placed, and holds a book or magazine or other article A, that may rest upon this inclined face of the pillow, from sliding down this inclined face. For example, in Fig. 1, this rest or bar 21 is adjacent the lower edge portion of the face 13 when the pillow is resting upon the side face 15" (see above). *Id.* at 2:32-44. **Radtke** Radtke discloses that "[t]he front or lower edge or back member includes a forwardly angled lip on which the book or other reading material rests and further includes a downwardly angled front support member engaging the support surface for stabilizing the lip." *Id.*; *see also id.* at 1:36-48; 1:63-68 ("[a] further object of the present invention is to provide a novel book stand which is portable and comprises a rearwardly sloping or angled back member having a reinforced lip at its lower end and lateral brace means on opposite sides thereof as well as a base support means to rigidize the construction.").

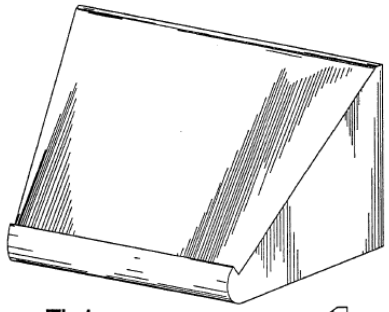
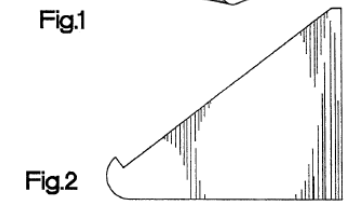
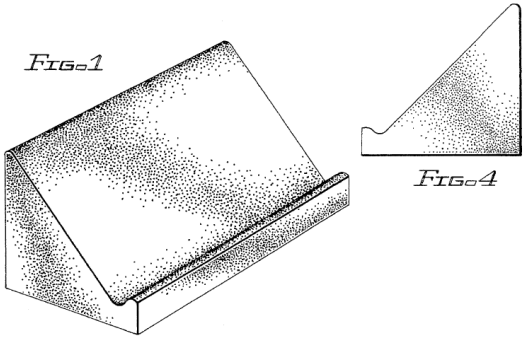
Asserted Claims	Citations to Prior Art
	  The back member **11** supports the back of the reading material, and extends or slopes rearwardly from the front of the device. The lower end of the back member **11** forms a lip **12** which slopes forwardly from the back member at an angle "so as to support the bottom of the reading material." *Id.* at 2:30-37. The lip **12** is supported by a forward element **13** which includes triangular pieces **14** on each side of the lip or tray like construction. Reinforcing tabs **15** are also provided adjacent to each of the triangular section **15.** *Id.* at 2:37-41. "[I]t can be seen that the combined structure of the angled lip **12** and the sloping back member **11** serves as a tray like support for the reading material carried therein. The reading material is at a preferred and predetermined angle with respect to the viewers eye so that the reading procedure is augmented." *Id.* at 2:56-61. **Ure** Ure discloses that "[t]he angle of the platform relative to the reader can be varied by placing the end of one of the folding arms into a selected one of a plurality of grooves in the other folding arm." *Id.* at Abstract; *see also id.* at 1:41-44.

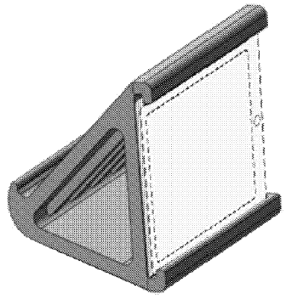
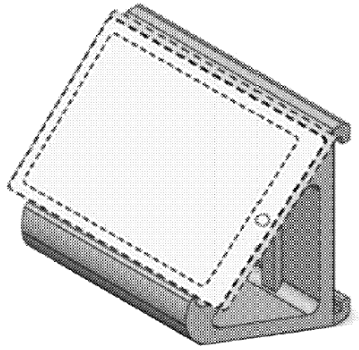
Asserted Claims	Citations to Prior Art
	FIG. 1  FIG. 3  As shown in Fig. 3, the book stand **2** is capable of being placed on a table **40**, or other surface. By inserting the first tip **42** into a selected one of the plurality of second transverse grooves **28** on the second folding arm **24**, the platform **12** of the book stand **2** can be elevated to various angles for the user's convenience. *Id.* at 4:56-5:13.

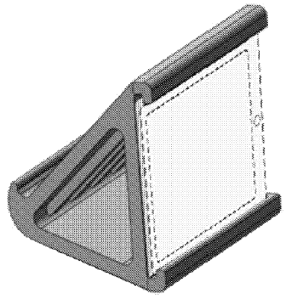
Asserted Claims	Citations to Prior Art
	Falter Falter discloses a triangular lap desk with an edge.  Fig.1  Fig.2 **Tubbs** Tubbs discloses a triangular reading stand with a ledge.  FIG. 1 FIG. 4

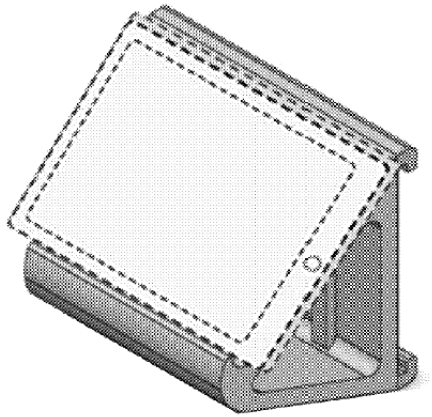
Asserted Claims	Citations to Prior Art
	Padilla 2014 Padilla 2014 discloses a "case for a tablet computer" that is "configurable to several positions" where "[a]t each position, the tablet computer may be supported in a variety of angles." Padilla 2014 at Abstract; [0001]; [0003] ("at least two standing positions"); [0007]. Padilla 2014 discloses that "[i]n a low stand position, the case provides support and optimal viewing angles for activities such as typing on the tablet computer. In a high loft position, the tablet computer is raised to eye level for ergonomic comfort and ease of use for activities such as viewing videos on the tablet." *Id.* at Abstract; *see also id.* at [0008], [0021]. Padilla 2014 further discloses that the case has mechanisms to allow it to be "configurable" and which "provide stability." *Id.* at Abstract; [0021].
[12.b] a first support edge disposed between the first support back and the second support back, the first support back and first support edge are configured to support a media device at a first support angle;	**Cannon** Cannon discloses three support edges, 110a-c, disposed between support backs, e.g., between the first support back and the second support back, where the first support back and first support edge are configured to support a media device at a first support angle. *See* Cannon at [0016], [0021]. **Klepar 2014** Klepar 2014 discloses a duel-positioning tablet pillow stand. Some illustrative, non-limiting figures from the patent are set forth below.  **Fig. 1** Fig. 1 is a perspective view of a dual-positioning tablet pillow stand supporting an image display device in a first viewing position, in accordance with the claimed design.

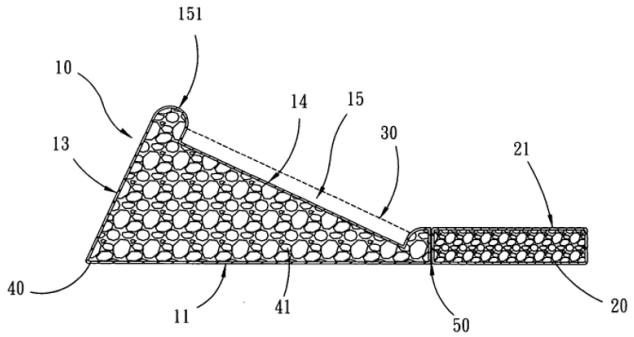
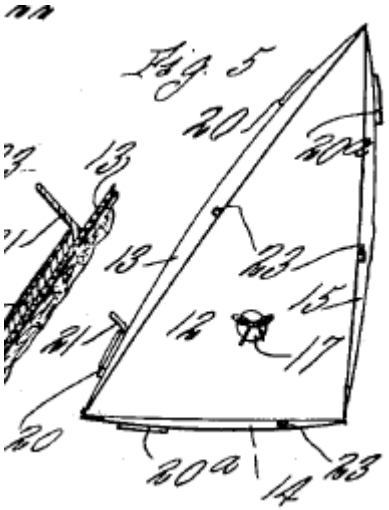
Asserted Claims	Citations to Prior Art
	 Fig. 4 Fig. 4 is perspective view of the dual-positioning tablet pillow stand of Fig. 1 support an image display device in a second viewing position, in accordance with the claimed design. **Falter** Falter discloses a triangular lap desk with an edge.

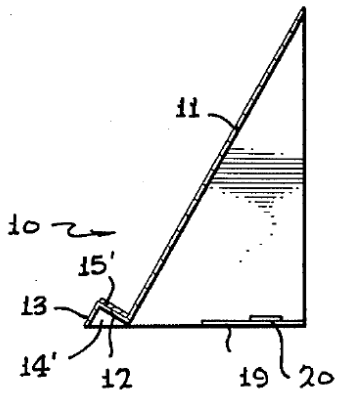
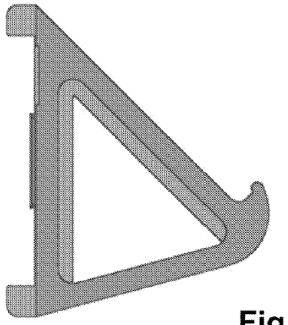
Asserted Claims	Citations to Prior Art
	 Fig.1  Fig.2 **Tubbs** Tubbs discloses a triangular reading stand with a ledge.  FIG. 1 FIG. 4
[12.c] a second support edge disposed between the second support back and third support back, the second support back and second support edge are	**Cannon** Cannon discloses three support edges, 110a-c, disposed between support backs, e.g., between the second support back and the third support back, where the second support back and second support edge are configured to support a media device at a second support angle. *See* Cannon at [0016], [0021].

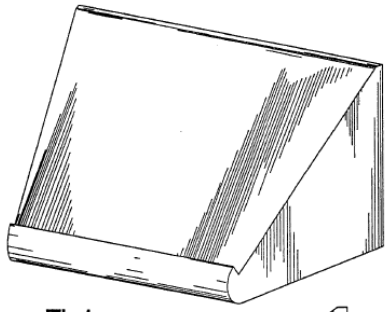
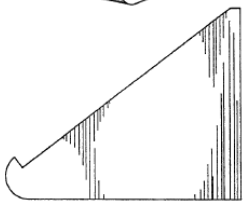
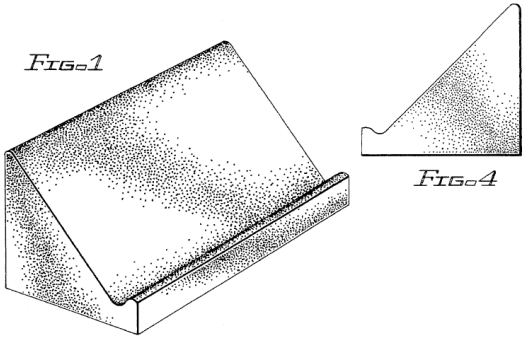
Asserted Claims	Citations to Prior Art
configured to support a media device at a second support angle;	**<u>Klepar 2014</u>** Klepar 2014 discloses a duel-positioning tablet pillow stand. Some illustrative, non-limiting figures from the patent are set forth below.  Fig. 1 Fig. 1 is a perspective view of a dual-positioning tablet pillow stand supporting an image display device in a first viewing position, in accordance with the claimed design.  Fig. 4 Fig. 4 is perspective view of the dual-positioning tablet pillow stand of Fig. 1 support an image display device in a second viewing position, in accordance with the claimed design.

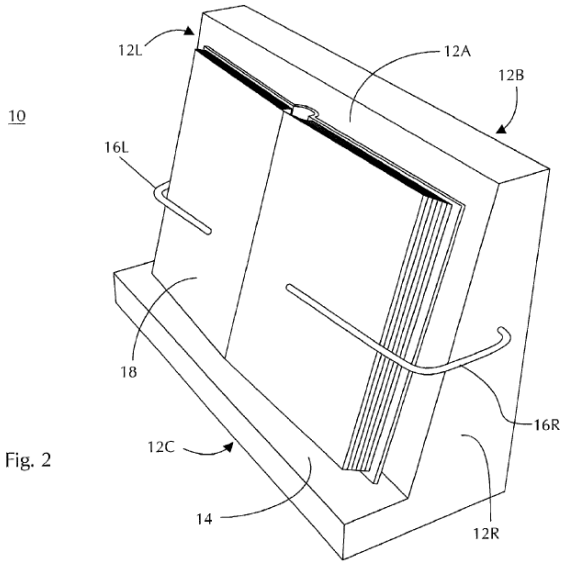
Asserted Claims	Citations to Prior Art
[12.d] a third support edge disposed between the third support back and first support back, the third support back and third support edge are configured to support a media device at a third support angle,	**Cannon** Cannon discloses three support edges, 110a-c, disposed between support backs, e.g., between the third support back and the first support back, where the third support back and third support edge are configured to support a media device at a third support angle. *See* Cannon at [0016], [0021]. **Klepar 2014** Klepar 2014 discloses a duel-positioning tablet pillow stand. Some illustrative, non-limiting figures from the patent are set forth below.  Fig. 1 Fig. 1 is a perspective view of a dual-positioning tablet pillow stand supporting an image display device in a first viewing position, in accordance with the claimed design.

Asserted Claims	Citations to Prior Art
	 **Fig. 4** Fig. 4 is perspective view of the dual-positioning tablet pillow stand of Fig. 1 support an image display device in a second viewing position, in accordance with the claimed design.
[12.e] wherein each edge support comprises an edge support width with an edge angle in the range of 85 to 120 degrees to an adjacent support back, a face of each edge support width oriented clockwise about the central axis;	It would be the routine work of the POSA to measure the width and angle of the edge support. As shown below, the prior art disclosed edge angles within 85 to 120 degrees, and taught that the width should be stable enough to hold the media disposed on it, and the POSA would know an element of which is thickness (width). **Cannon** Cannon discloses each edge support **110** may have an edge support width **135**. Cannon discloses each edge support **110** forms an edge angle **140** with an adjacent back support **105**. The edge angle **140** may be in the range of 85 to 120 degrees. *Id.* at [0024]. Cannon discloses that the edge supports are clockwise oriented around a central axis. *Id.* at [0024].

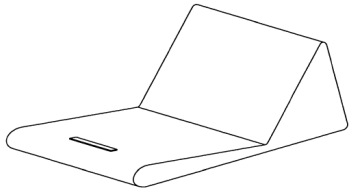
Asserted Claims	Citations to Prior Art
	Huang  第2圖 **Barcalo**  **Radtke**

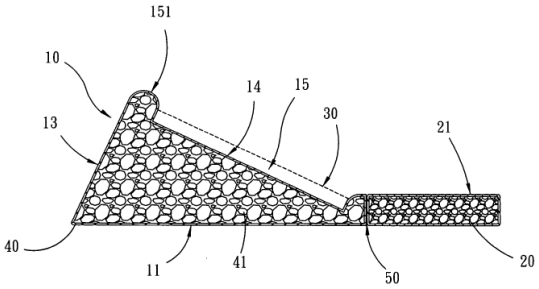
Asserted Claims	Citations to Prior Art
	FIG. 3  **Klepar 2014**  Fig. 7 **Falter** Falter discloses a triangular lap desk with an edge.

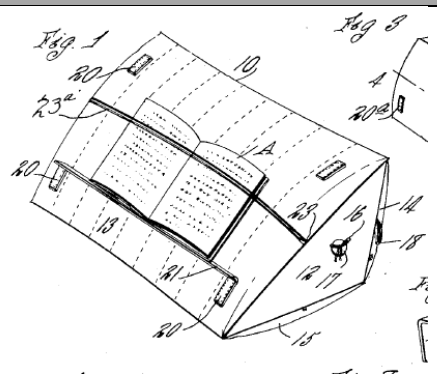
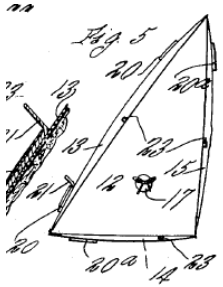
Asserted Claims	Citations to Prior Art
	 Fig.1  Fig.2 **Tubbs** Tubbs discloses a triangular reading stand with a ledge.  FIG. 1 FIG. 4 **Halpin**

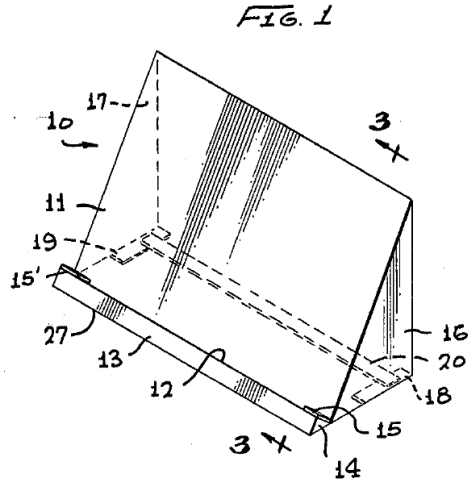
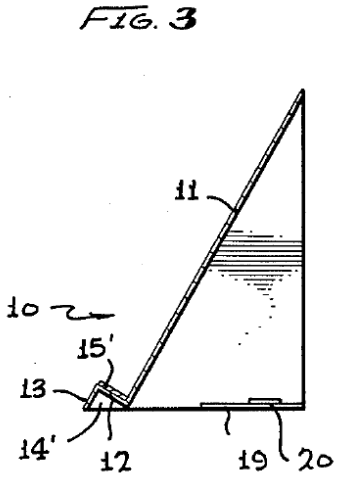
Asserted Claims	Citations to Prior Art
	 Fig. 2 **Preece** Preece discloses an iPad stand "is constructed of closed-cell Polyethylene or Ethylene Vinyl Acetate (EVA) foam, giving it a non-slip surface that will not scratch the device, is comfortable on both the arms and thighs, and will not be cold, even on bare skin such as the thighs unlike the device itself." *Id.* at Abstract, 1. **Hong** Hong discloses that the pillow has the feature of "plac[ing] the tablet computer against one face of the triangular prism" and "[a] strip of coarse material . . . provided at the end of the inclined surface to prevent the tablet computer from sliding off." Hong at Design Features.

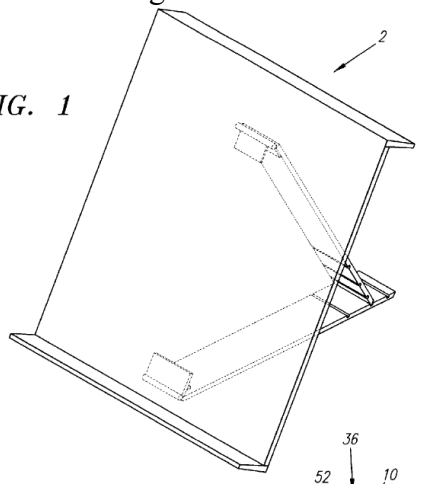
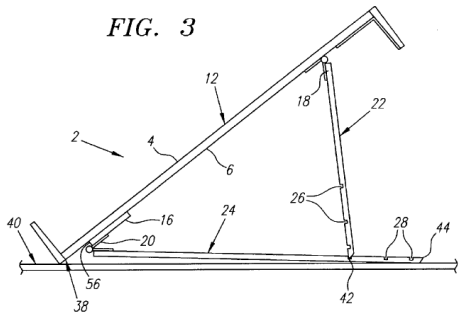
Asserted Claims	Citations to Prior Art
	Barcalo Specific benefits of the pillow include stability when positioned on the lap and softness which will prevent slipping. *Id.* at 3:56-61. **Dean** Dean discloses that these regions assist in preventing slipping of the object (e.g. cards) propped against the supportive member **10** by having projections **15** and **16** to engage the cards. **Halpin** Halpin discloses a structure which is pliable and allows for books of a variety of sizes and thickness to fit within the book holder. *Id.* at [0027].
[12.f] wherein the media support apparatus is configured to be rotated about the central axis so that the body can rest on a horizontal support in any one of three positions including	**Cannon** Cannon discloses that the media support 100 can be rotated to select a back support 105 with a comfortable viewing angle 160. Cannon at [0020]; *see also id.* at [0028]. The support sides are disposed about a central axis. *See, e.g.*, *id.* at [0016]. **Preece** Preece discloses that the "device can be supported in both landscape or portrait mode." *Id.* at Abstract, 1.  *Id.* at 5.

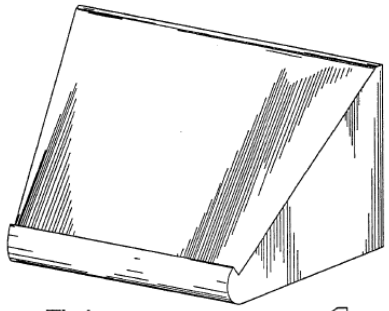
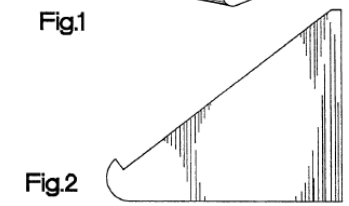
Asserted Claims	Citations to Prior Art
	PadPillow  PadPillow at 1. PadPillow discloses that the tablet-holder is "[a] soft, huggable pillow" which "lets you rest any generation of your iPad on your lap or stomach," and can be adjusted for the floor, a chair, or lying in bed. *Id.* at 2. **Hong** Hong discloses a pillow for use for a tablet computer. Hong describes the shape of the pillow, where one side of the pillow is a triangular prism, and the other side is an inclined surface. Hong at Design Features. Hong discloses that the pillow has the feature of "plac[ing] the tablet computer against one face of the triangular prism" and "[a] strip of coarse material . . . provided at the end of the inclined surface to prevent the tablet computer from sliding off." *Id.*  **Huang**

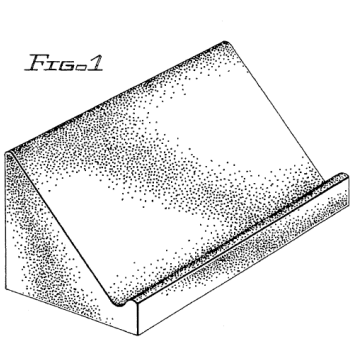
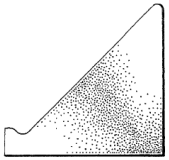
Asserted Claims	Citations to Prior Art
	The tablet is based on the bearing surface (14) which extends rearward and upward along the longitudinal direction of the front side surface (12), toward the rear side surface (13), such that the rear side surface and the bearing surface are at an oblique angle. *See also* Fig. 2 (below).  第2圖 **Barcalo** Barcalo discloses a pillow for use of propping materials for reading which is triangular in shape. "The ends 12 of the case or sack are triangular in shape, being preferably obtuse angled triangles . . . [with] the triangular ends . . . connected by rectangular faces 13, 14 and 15. Such a pillow is, therefore, triangular in transverse cross section. The edges of the triangular ends are preferably nearly, but not equal in length, and all the angles of the triangle also are preferably unequal, so that when the pillow is supported upon different side faces, the other side faces will make different inclinations to the supporting surface." *Id.* at 1:79-91. *See, e.g.*, Fig. 1.

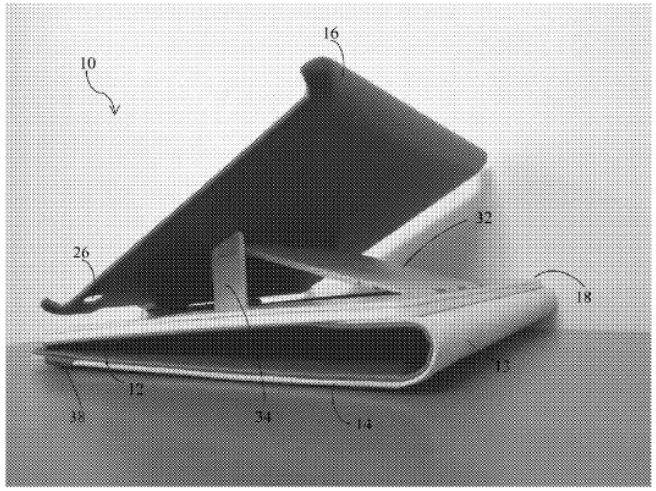
Asserted Claims	Citations to Prior Art
	 Figure 5 shows an end elevation of the pillow in Figs. 1-4, showing the small pockets on all three faces.  Barcalo further discloses that "[a] bar 21 serves as the rest and is provided with depending angular feet 22 which are received in the pockets 20 along either side edge of a side face of the pillow, as shown in Fig. 1. The bar or rest 21 thus forms a flange or ledge extending away from the side face of the pillow against which it is placed, and holds a book or magazine or other article A, that may rest upon this inclined face of the pillow, from sliding down this inclined face. For example, in Fig. 1, this rest or bar 21 is adjacent the lower edge portion of the face 13 when the pillow is resting upon the side face 15" (see above). *Id.* at 2:32-44.

Asserted Claims	Citations to Prior Art
	Radtke Radtke discloses that "[t]he front or lower edge or back member includes a forwardly angled lip on which the book or other reading material rests and further includes a downwardly angled front support member engaging the support surface for stabilizing the lip." *Id.*; *see also id.* at 1:36-48; 1:63-68 ("[a] further object of the present invention is to provide a novel book stand which is portable and comprises a rearwardly sloping or angled back member having a reinforced lip at its lower end and lateral brace means on opposite sides thereof as well as a base support means to rigidize the construction.").   The back member **11** supports the back of the reading material, and extends or slopes rearwardly from the front of the device. The lower end of the back member **11** forms a lip **12** which slopes forwardly from the back member at an angle "so as to support the bottom of the reading material." *Id.* at 2:30-37. The lip **12** is supported by a forward element **13** which includes triangular pieces **14** on each side of the lip or tray like construction. Reinforcing tabs **15** are also provided adjacent to each of the triangular section **15.** *Id.* at 2:37-41. "[I]t can be seen that the combined structure of the angled lip **12** and the sloping back member **11** serves as a tray like support for the reading material

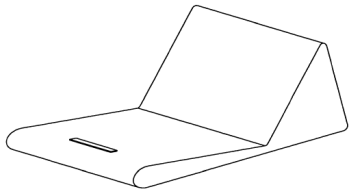
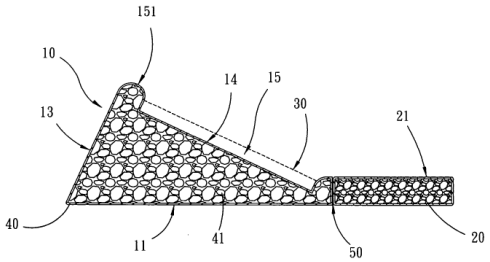
Asserted Claims	Citations to Prior Art
	carried therein. The reading material is at a preferred and predetermined angle with respect to the viewers eye so that the reading procedure is augmented." *Id.* at 2:56-61. **Ure** Ure discloses that "[t]he angle of the platform relative to the reader can be varied by placing the end of one of the folding arms into a selected one of a plurality of grooves in the other folding arm." *Id.* at Abstract; *see also id.* at 1:41-44. *FIG. 1*  *FIG. 3* 

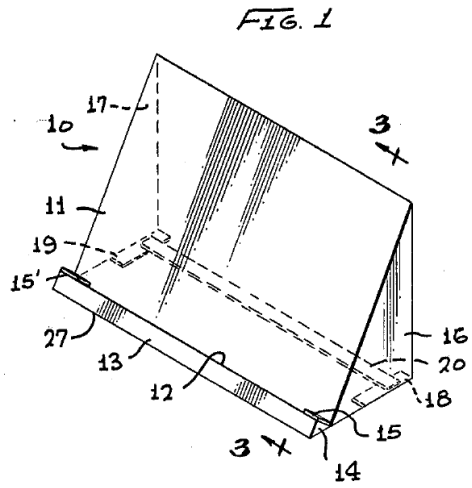
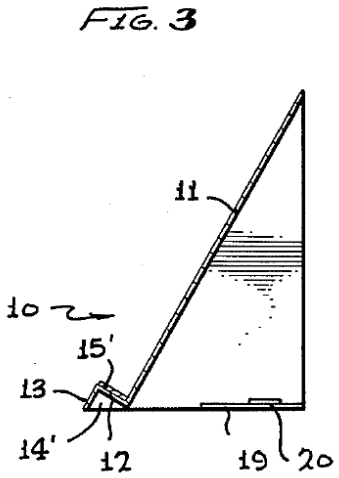
Asserted Claims	Citations to Prior Art
	As shown in Fig. 3, the book stand **2** is capable of being placed on a table **40**, or other surface. By inserting the first tip **42** into a selected one of the plurality of second transverse grooves **28** on the second folding arm **24**, the platform **12** of the book stand **2** can be elevated to various angles for the user's convenience. *Id.* at 4:56-5:13. **Falter** Falter discloses a triangular lap desk with an edge.  Fig.1  Fig.2 **Tubbs** Tubbs discloses a triangular reading stand with a ledge.

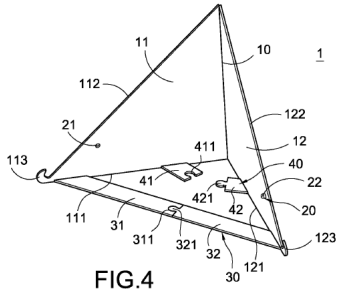
Asserted Claims	Citations to Prior Art
	 FIG. 1  FIG. 4 **Padilla 2014** Padilla 2014 discloses a "case for a tablet computer" that is "configurable to several positions" where "[a]t each position, the tablet computer may be supported in a variety of angles." Padilla 2014 at Abstract; [0001]; [0003] ("at least two standing positions"); [0007]. Padilla 2014 discloses that "[i]n a low stand position, the case provides support and optimal viewing angles for activities such as typing on the tablet computer. In a high loft position, the tablet computer is raised to eye level for ergonomic comfort and ease of use for activities such as viewing videos on the tablet." *Id.* at Abstract; *see also id.* at [0008], [0021]. Padilla 2014 further discloses that the case has mechanisms to allow it to be "configurable" and which "provide stability." *Id.* at Abstract; [0021].

Asserted Claims	Citations to Prior Art
	Figure 3 
[12.f.i] on a first virtual plane between a top of the second support back and an outer edge of the second edge support,	**Cannon** Cannon discloses virtual planes 103a-c which are oriented between the support backs and the outer edge of the edge supports, e.g. between the top of the second support back and an outer edge of the second edge support. Cannon at [0021]. **Preece** Preece discloses that the "device can be supported in both landscape or portrait mode." *Id.* at Abstract, 1.  *Id.* at 5.

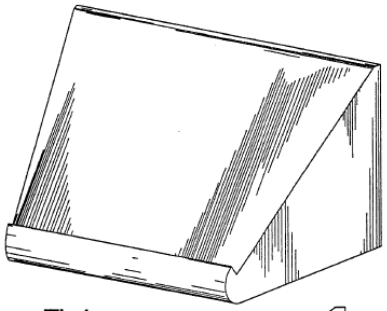
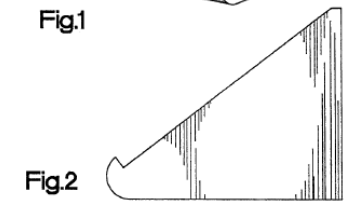
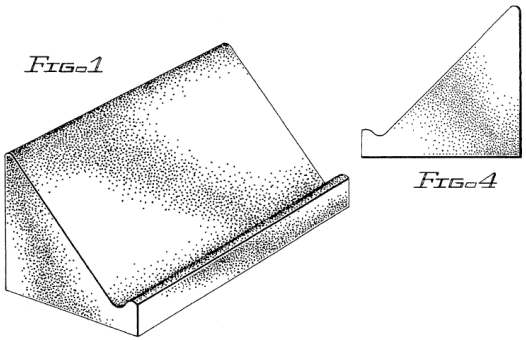
Asserted Claims	Citations to Prior Art
	PadPillow  PadPillow at 1. PadPillow discloses that the tablet-holder is "[a] soft, huggable pillow" which "lets you rest any generation of your iPad on your lap or stomach," and can be adjusted for the floor, a chair, or lying in bed. *Id.* at 2. When the sections of the tablet-holder are folded together, as pictured above, the raised leather label "acts as a simple stopper" for the iPad, which "rests at an ideal angle for all . . . multimedia applications." *Id.* **Hong** Hong discloses a pillow for use for a tablet computer. Hong describes the shape of the pillow, where one side of the pillow is a triangular prism, and the other side is an inclined surface. Hong at Design Features. Hong discloses that the pillow has the feature of "plac[ing] the tablet computer against one face of the triangular prism" and "[a] strip of coarse material . . . provided at the end of the inclined surface to prevent the tablet computer from sliding off." *Id.*

Asserted Claims	Citations to Prior Art
	 **Huang** The tablet is based on the bearing surface (14) which extends rearward and upward along the longitudinal direction of the front side surface (12), toward the rear side surface (13), such that the rear side surface and the bearing surface are at an oblique angle. *See also* Fig. 2 (below).  第2圖 **Radtke** Radtke discloses that "[t]he front or lower edge or back member includes a forwardly angled lip on which the book or other reading material rests and further includes a downwardly angled front support member engaging the support surface for stabilizing the lip." *Id.*; *see also id.* at 1:36-48; 1:63-68 ("[a] further object of the present invention is to provide a novel book stand which is portable and comprises a rearwardly sloping or angled back member having a reinforced lip at its lower end and lateral brace means on opposite sides thereof as well as a base support means to rigidize the construction.").

Asserted Claims	Citations to Prior Art
	  The back member **11** supports the back of the reading material, and extends or slopes rearwardly from the front of the device. The lower end of the back member **11** forms a lip **12** which slopes forwardly from the back member at an angle "so as to support the bottom of the reading material." *Id.* at 2:30-37. The lip **12** is supported by a forward element **13** which includes triangular pieces **14** on each side of the lip or tray like construction. Reinforcing tabs **15** are also provided adjacent to each of the triangular section **15.** *Id.* at 2:37-41. "[I]t can be seen that the combined structure of the angled lip **12** and the sloping back member **11** serves as a tray like support for the reading material carried therein. The reading material is at a preferred and predetermined angle with respect to the viewers eye so that the reading procedure is augmented." *Id.* at 2:56-61. **Lin** Lin summarizes this shape as "substantially in a triangular shape, and both interconnected support panels are provided for slantingly supporting an object on a work surface." *Id.* at 2:1-4. This is described in detail in the below Fig. 4.

Asserted Claims	Citations to Prior Art
	 FIG.4 The support panels are demonstrated at **11** and **12**. The left bevel edge **112** and right bevel edge **122** end in inverted hook portions **113** and **123** for supporting the object **100** (demonstrated in Fig. 6, below). *See generally id.* at cols. 2-4; *see also id.* at 3:3-9; 3:25-44. **Diebel 2013** Diebel discloses that the stand "permits the user to interface with the electronic device housed in the case at different viewing and working angles." *Id.* at 1:59-61. A feature disclosed of the invention is "the ability to stand in a portrait orientation at a working angle" "permit[ting] the user to interact with certain websites and applications that may only be available in portrait orientation." *Id.* at 1:61-65. Diebel discloses that "When using the portable electronic device, a person would at different times need to hold or set the electronic device onto a surface to work on. When the electronic device is set on a surface, it is difficult to view the electronic device if it is laying flush on top of a table. Also, for electronic devices that allow the person to input into the electronic device, it is difficult for a person to manipulate the electronic device if it is flush on a table. Thus, the device allows the person to manipulate the positioning of the electronic device when placed on a table (or on the user's lap) and adjust the angle when the electronic device is positioned with respect to the table, to allow easier viewing and working access to the electronic device." *Id.* at 5:17-22. The front cover can be folded and positioned in various orientations to achieve multiple viewing angles: (a) a first working angle; (2) a second working angle; (3) a third working

Asserted Claims	Citations to Prior Art
	angle; (4) a first viewing angle; (5) a fourth working angle; and (6) a second viewing angle. *Id.* at 5:57-67. These are listed in Table A, and described further in the specification as well. TABLE A Stand Position | Angle Name | Angles (Degrees) | Angle Range (Degrees) 1 | First working angle | 8, 9, 10 | 7-12 2 | Second working angle | 31, 32, 33 | 30-38 3 | Third working angle | 41, 42, 43 | 40-48 4 | First viewing angle | 45, 46, 47 | 43-50 5 | Fourth working angle | 24, 25, 26 | 20-30 6 | Second viewing angle | 74, 75, 76 | 70-80 Diebel 2013 discloses that "[w]hen the front cover is opened, folded under the back cover to lie flat, and the back cover is angled in a first position (first working angle, about 7 to 12 degrees) a side view will be triangular in shape." *Id.* at 2:15-18. Diebel discloses a second working angle from about 30 to 38 degrees (*id.* at 2:29-30), a third working angle from about 40 to 48 degrees (*id.* at 2:39-40), and a fourth working angle from about 20 to 30 degrees (*id.* at 2:60-61). *See also id.* at Figs. 2, 3A-3B, 4A-4B, 6A-6B; 6:40-64; 7:8-21. One figure is reproduced below for context. Diebel discloses a first viewing angle from about 43 to 50 degrees (*id.* at 2:47-48), and a second viewing angle from about 170 to 180 degrees (*id.* at 2:66-67). *See also id.* at Figs. 5A-5B, 7A-7D; 6:65-7:7; 7:22-29. Figures 3B is illustrative of the second working angles. **Falter** Falter discloses a triangular lap desk with an edge.

Asserted Claims	Citations to Prior Art
	 Fig.1  Fig.2 **Tubbs** Tubbs discloses a triangular reading stand with a ledge.  FIG. 1 FIG. 4
[12.f.ii] on a second virtual plane between a top of the third support back	**Cannon**

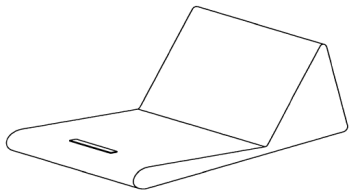
Asserted Claims	Citations to Prior Art
and an outer edge of the third edge support, and	Cannon discloses virtual planes 103a-c which are oriented between the support backs and the outer edge of the edge supports, e.g. between the top of the third support back and an outer edge of the third edge support. Cannon at [0021]. **Diebel 2013** Diebel discloses that the stand "permits the user to interface with the electronic device housed in the case at different viewing and working angles." *Id.* at 1:59-61. A feature disclosed of the invention is "the ability to stand in a portrait orientation at a working angle" "permit[ting] the user to interact with certain websites and applications that may only be available in portrait orientation." *Id.* at 1:61-65. Diebel discloses that "When using the portable electronic device, a person would at different times need to hold or set the electronic device onto a surface to work on. When the electronic device is set on a surface, it is difficult to view the electronic device if it is laying flush on top of a table. Also, for electronic devices that allow the person to input into the electronic device, it is difficult for a person to manipulate the electronic device if it is flush on a table. Thus, the device allows the person to manipulate the positioning of the electronic device when placed on a table (or on the user's lap) and adjust the angle when the electronic device is positioned with respect to the table, to allow easier viewing and working access to the electronic device." *Id.* at 5:17-22. The front cover can be folded and positioned in various orientations to achieve multiple viewing angles: (a) a first working angle; (2) a second working angle; (3) a third working angle; (4) a first viewing angle; (5) a fourth working angle; and (6) a second viewing angle. *Id.* at 5:57-67. These are listed in Table A, and described further in the specification as well.

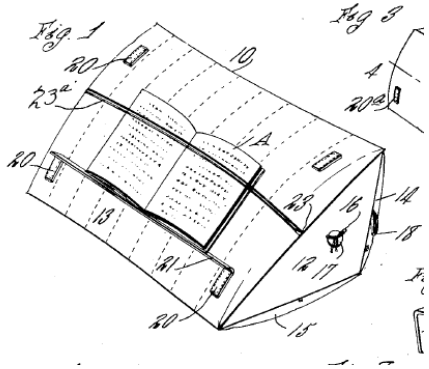
Asserted Claims	Citations to Prior Art
	TABLE A | Stand Position | Angle Name | Angles (Degrees) | Angle Range (Degrees) | |---|---|---|---| | 1 | First working angle | 8, 9, 10 | 7-12 | | 2 | Second working angle | 31, 32, 33 | 30-38 | | 3 | Third working angle | 41, 42, 43 | 40-48 | | 4 | First viewing angle | 45, 46, 47 | 43-50 | | 5 | Fourth working angle | 24, 25, 26 | 20-30 | | 6 | Second viewing angle | 74, 75, 76 | 70-80 | Diebel 2013 discloses that "[w]hen the front cover is opened, folded under the back cover to lie flat, and the back cover is angled in a first position (first working angle, about 7 to 12 degrees) a side view will be triangular in shape." *Id.* at 2:15-18. Diebel discloses a second working angle from about 30 to 38 degrees (*id.* at 2:29-30), a third working angle from about 40 to 48 degrees (*id.* at 2:39-40), and a fourth working angle from about 20 to 30 degrees (*id.* at 2:60-61). *See also id.* at Figs. 2, 3A-3B, 4A-4B, 6A-6B; 6:40-64; 7:8-21. One figure is reproduced below for context. Diebel discloses a first viewing angle from about 43 to 50 degrees (*id.* at 2:47-48), and a second viewing angle from about 170 to 180 degrees (*id.* at 2:66-67). *See also id.* at Figs. 5A-5B, 7A-7D; 6:65-7:7; 7:22-29. Figures 3B is illustrative of the second working angles.
[12.f.iii] on a third virtual plane between a top of the first support back and an outer edge of the first edge support; and	**Cannon** Cannon discloses virtual planes 103a-c which are oriented between the support backs and the outer edge of the edge supports, e.g. between the top of the first support back and an outer edge of the first edge support. Cannon at [0021].

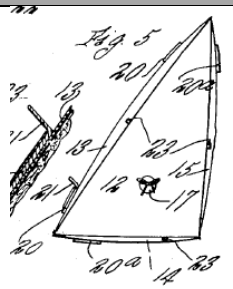
Asserted Claims	Citations to Prior Art
	Diebel 2013 Diebel discloses that the stand "permits the user to interface with the electronic device housed in the case at different viewing and working angles." *Id.* at 1:59-61. A feature disclosed of the invention is "the ability to stand in a portrait orientation at a working angle" "permit[ting] the user to interact with certain websites and applications that may only be available in portrait orientation." *Id.* at 1:61-65. Diebel discloses that "When using the portable electronic device, a person would at different times need to hold or set the electronic device onto a surface to work on. When the electronic device is set on a surface, it is difficult to view the electronic device if it is laying flush on top of a table. Also, for electronic devices that allow the person to input into the electronic device, it is difficult for a person to manipulate the electronic device if it is flush on a table. Thus, the device allows the person to manipulate the positioning of the electronic device when placed on a table (or on the user's lap) and adjust the angle when the electronic device is positioned with respect to the table, to allow easier viewing and working access to the electronic device." *Id.* at 5:17-22. The front cover can be folded and positioned in various orientations to achieve multiple viewing angles: (a) a first working angle; (2) a second working angle; (3) a third working angle; (4) a first viewing angle; (5) a fourth working angle; and (6) a second viewing angle. *Id.* at 5:57-67. These are listed in Table A, and described further in the specification as well.

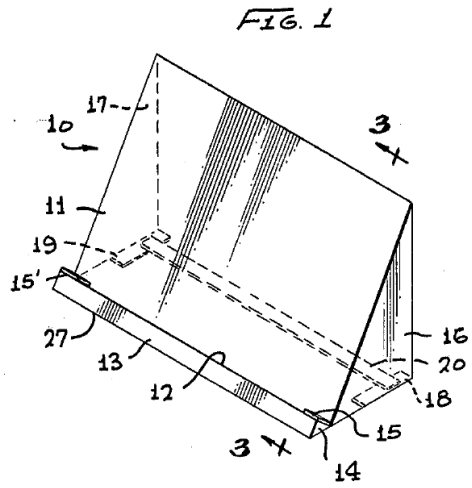
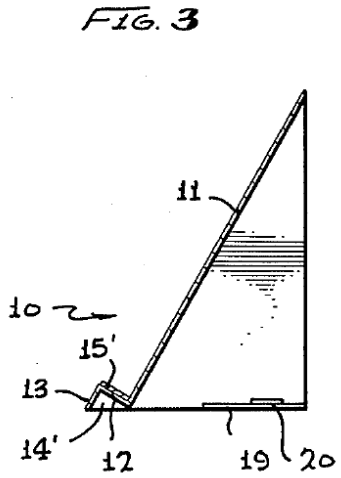
Asserted Claims	Citations to Prior Art
	TABLE A Stand Position / Angle Name / Angles (Degrees) / Angle Range (Degrees) 1 / First working angle / 8, 9, 10 / 7-12 2 / Second working angle / 31, 32, 33 / 30-38 3 / Third working angle / 41, 42, 43 / 40-48 4 / First viewing angle / 45, 46, 47 / 43-50 5 / Fourth working angle / 24, 25, 26 / 20-30 6 / Second viewing angle / 74, 75, 76 / 70-80 Diebel 2013 discloses that "[w]hen the front cover is opened, folded under the back cover to lie flat, and the back cover is angled in a first position (first working angle, about 7 to 12 degrees) a side view will be triangular in shape." *Id.* at 2:15-18. Diebel discloses a second working angle from about 30 to 38 degrees (*id.* at 2:29-30), a third working angle from about 40 to 48 degrees (*id.* at 2:39-40), and a fourth working angle from about 20 to 30 degrees (*id.* at 2:60-61). *See also id.* at Figs. 2, 3A-3B, 4A-4B, 6A-6B; 6:40-64; 7:8-21. One figure is reproduced below for context. Diebel discloses a first viewing angle from about 43 to 50 degrees (*id.* at 2:47-48), and a second viewing angle from about 170 to 180 degrees (*id.* at 2:66-67). *See also id.* at Figs. 5A-5B, 7A-7D; 6:65-7:7; 7:22-29. Figures 3B is illustrative of the second working angles.
[12.g.i] wherein the media support apparatus is configured to provide a first viewing angle of the media device when the media support apparatus body	**Cannon** Cannon discloses an embodiment with three support sides **155** to generate three distinct viewing angles **160**. Each viewing angle **160** is chosen for a specific viewing orientation. The first viewing angle **160*a*** may be employed when the media support **100** and the media is disposed in the user's lap. The second viewing angle **160*b*** may be used when

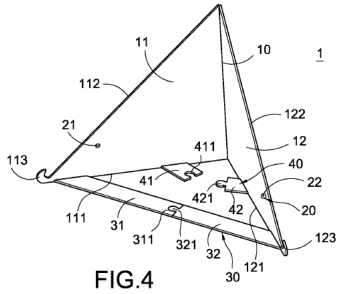
Asserted Claims	Citations to Prior Art
rests on the first virtual plane and the media device is supported at the first support angle,	the media support **100** and the media is disposed on a table and the user is sitting upright. In addition, the 3rd viewing angle **160*c*** may be used when the user is lying down and the media support **100** is disposed on the user. *Id.* at [0027]; *see* Fig 2. **Preece** Preece discloses that the "device can be supported in both landscape or portrait mode." *Id.* at Abstract, 1.  *Id.* at 5. **Facet Pyramid** Facet Pyramid discloses a triangular-prism support that allows for a tablet to be propped in three preset viewing positions which can be accessed by rotating the stand. Facet Pyramid at 3. **PadPillow** The viewing angle can be controlled by when using the tablet holder on your knees by bending them to achieve the desired view. PadPillow at 2. **Baek** Baek discloses that "[t]he present invention provides a viewing angle control sheet that enables clear viewing of the display device from a side angle." *Id.* at [0006]. In one embodiment, this is achieved by "a sheet base and a prism portion formed on the sheet base. . . . [T]he prism portion includes prism patterns having different refractive indices, and a refractive index between the prism patterns is implemented in a range of 0.08 to

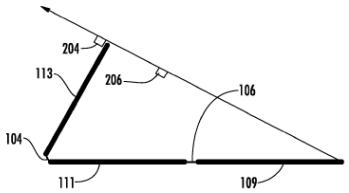
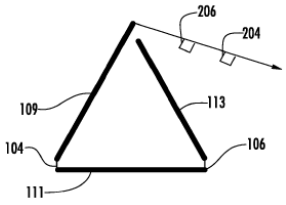
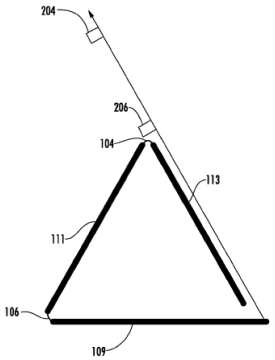
Asserted Claims	Citations to Prior Art
	0.31, thereby achieving a viewing angle of 40 degrees or greater when the display device is arranged at an inclination angle of 20 degrees or less relatively to the ground." *Id.* at [0008]. In another embodiment, "a viewing angle control sheet formed on a display device includes a sheet base and a prism portion having a first prism pattern formed on the sheet base and a second prism pattern formed on the first prism pattern. Here, the refractive index difference between the prism patterns is implemented in a range of 0.08 to 0.31." *Id.* at [0009]. Baek further discloses that "When the viewing angle control sheet according to the present invention is formed on a display device and used, the viewing angle of the display device can be adjusted to a desired angle by using the viewing angle control sheet. As a result, a user can clearly view the screen of the display device from a desired position." *Id.* at [0010].; *see also id.* at Effect of Invention, generally. Baek specifically discloses an embodiment with a viewing angle of 49 degrees and 41 degrees (Figs. 12 and 13, [0062]-[0064], [0068]-[0070]). **Hong** Hong discloses a pillow for use for a tablet computer. Hong describes the shape of the pillow, where one side of the pillow is a triangular prism, and the other side is an inclined surface. Hong at Design Features. Hong discloses that the pillow has the feature of "plac[ing] the tablet computer against one face of the triangular prism" and "[a] strip of coarse material . . . provided at the end of the inclined surface to prevent the tablet computer from sliding off." *Id.*  **Huang**

Asserted Claims	Citations to Prior Art
	The tablet is based on the bearing surface (14) which extends rearward and upward along the longitudinal direction of the front side surface (12), toward the rear side surface (13), such that the rear side surface and the bearing surface are at an oblique angle. *See also* Fig. 2 (below). **Barcalo** Barcalo discloses a pillow for use of propping materials for reading which is triangular in shape. "The ends 12 of the case or sack are triangular in shape, being preferably obtuse angled triangles . . . [with] the triangular ends . . . connected by rectangular faces 13, 14 and 15. Such a pillow is, therefore, triangular in transverse cross section. The edges of the triangular ends are preferably nearly, but not equal in length, and all the angles of the triangle also are preferably unequal, so that when the pillow is supported upon different side faces, the other side faces will make different inclinations to the supporting surface." *Id.* at 1:79-91. *See, e.g.*, Fig. 1.  Figure 5 shows an end elevation of the pillow in Figs. 1-4, showing the small pockets on all three faces.

Asserted Claims	Citations to Prior Art
	 Barcalo further discloses that "[a] bar 21 serves as the rest and is provided with depending angular feet 22 which are received in the pockets 20 along either side edge of a side face of the pillow, as shown in Fig. 1. The bar or rest 21 thus forms a flange or ledge extending away from the side face of the pillow against which it is placed, and holds a book or magazine or other article A, that may rest upon this inclined face of the pillow, from sliding down this inclined face. For example, in Fig. 1, this rest or bar 21 is adjacent the lower edge portion of the face 13 when the pillow is resting upon the side face 15" (see above). *Id.* at 2:32-44. **Radtke** Radtke discloses that "[t]he front or lower edge or back member includes a forwardly angled lip on which the book or other reading material rests and further includes a downwardly angled front support member engaging the support surface for stabilizing the lip." *Id.*; *see also id.* at 1:36-48; 1:63-68 ("[a] further object of the present invention is to provide a novel book stand which is portable and comprises a rearwardly sloping or angled back member having a reinforced lip at its lower end and lateral brace means on opposite sides thereof as well as a base support means to rigidize the construction.").

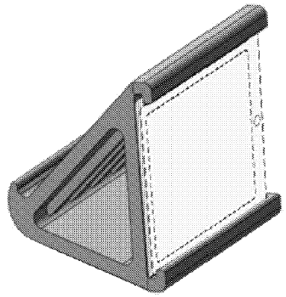
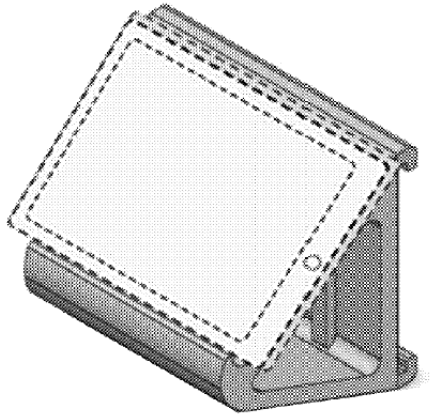
Asserted Claims	Citations to Prior Art
	  The back member **11** supports the back of the reading material, and extends or slopes rearwardly from the front of the device. The lower end of the back member **11** forms a lip **12** which slopes forwardly from the back member at an angle "so as to support the bottom of the reading material." *Id.* at 2:30-37. The lip **12** is supported by a forward element **13** which includes triangular pieces **14** on each side of the lip or tray like construction. Reinforcing tabs **15** are also provided adjacent to each of the triangular section **15.** *Id.* at 2:37-41. "[I]t can be seen that the combined structure of the angled lip **12** and the sloping back member **11** serves as a tray like support for the reading material carried therein. The reading material is at a preferred and predetermined angle with respect to the viewers eye so that the reading procedure is augmented." *Id.* at 2:56-61. **Lin** Lin summarizes this shape as "substantially in a triangular shape, and both interconnected support panels are provided for slantingly supporting an object on a work surface." *Id.* at 2:1-4. This is described in detail in the below Fig. 4.

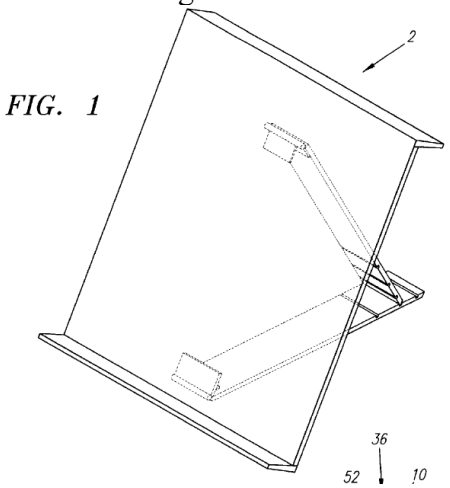
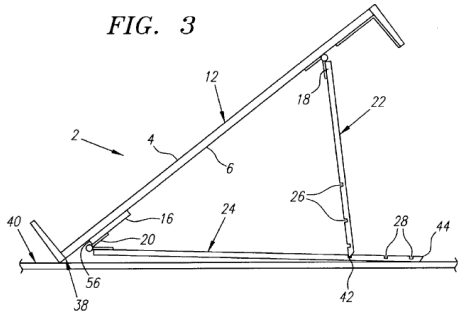
Asserted Claims	Citations to Prior Art
	 FIG.4 The support panels are demonstrated at **11** and **12**. The left bevel edge **112** and right bevel edge **122** end in inverted hook portions **113** and **123** for supporting the object **100** (demonstrated in Fig. 6, below). *See generally id.* at cols. 2-4; *see also id.* at 3:3-9; 3:25-44. **Diebel 2011** Diebel 2011 discloses a specific implementation where each panel is approximately the same length, forming an equilateral trial, and the angle provided is about 60 degrees. *Id.* at 6:47-50. The angle from the table can be varied in a range from about 15 degrees to about 60 degrees by adjusting the length of panel 113 and position of bump 204 (*see* Fig 5B, above). *Id.* at 8:47-50.

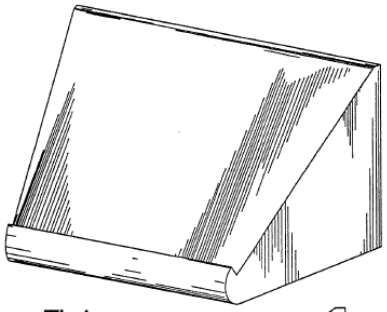
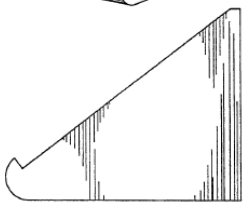
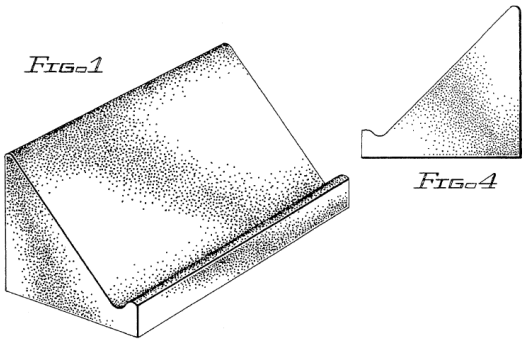
Asserted Claims	Citations to Prior Art
	 FIG. 5E  FIG. 5D  FIG. 5F *See id.* at Figs. 5D–5E (depicting cross-sectional views of Figs. 5A, B, and C, respectively, as viewed from the left side of the case). The internal angle is about 60 degrees and is regarded as useful for "viewing media (e.g., watching a movie) on an electronic tablet)" and can be adjusted to more or less than 60 degrees by lengthening or shortening the panel. *Id.* at 8:64-9:4. This angle can be varied in a range from about 30 degrees to 75 degrees. *Id.* at 9:5-6. "In various implementations of a case according to the invention, there can be more angles (e.g., more than three different angles) than described here, and different angles (e.g., 8, 20, 35, 40, 50, 55, 65 degrees, and others)" but varying the number of bumps, panels, and hinges. *Id.* at 9:7-17. **Diebel 2013**

Asserted Claims	Citations to Prior Art
	Diebel discloses that the stand "permits the user to interface with the electronic device housed in the case at different viewing and working angles." *Id.* at 1:59-61. A feature disclosed of the invention is "the ability to stand in a portrait orientation at a working angle" "permit[ting] the user to interact with certain websites and applications that may only be available in portrait orientation." *Id.* at 1:61-65. Diebel discloses that "When using the portable electronic device, a person would at different times need to hold or set the electronic device onto a surface to work on. When the electronic device is set on a surface, it is difficult to view the electronic device if it is laying flush on top of a table. Also, for electronic devices that allow the person to input into the electronic device, it is difficult for a person to manipulate the electronic device if it is flush on a table. Thus, the device allows the person to manipulate the positioning of the electronic device when placed on a table (or on the user's lap) and adjust the angle when the electronic device is positioned with respect to the table, to allow easier viewing and working access to the electronic device." *Id.* at 5:17-22. The front cover can be folded and positioned in various orientations to achieve multiple viewing angles: (a) a first working angle; (2) a second working angle; (3) a third working angle; (4) a first viewing angle; (5) a fourth working angle; and (6) a second viewing angle. *Id.* at 5:57-67. These are listed in Table A, and described further in the specification as well. TABLE A Stand Position | Angle Name | Angles (Degrees) | Angle Range (Degrees) 1 | First working angle | 8, 9, 10 | 7-12 2 | Second working angle | 31, 32, 33 | 30-38 3 | Third working angle | 41, 42, 43 | 40-48 4 | First viewing angle | 45, 46, 47 | 43-50 5 | Fourth working angle | 24, 25, 26 | 20-30 6 | Second viewing angle | 74, 75, 76 | 70-80

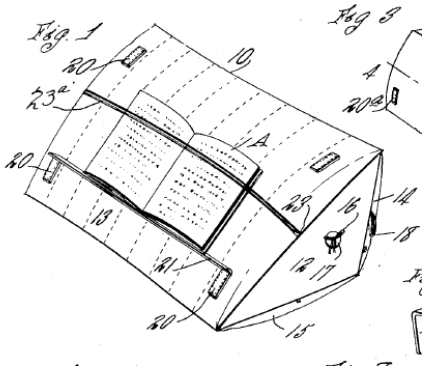
Asserted Claims	Citations to Prior Art
	Diebel 2013 discloses that "[w]hen the front cover is opened, folded under the back cover to lie flat, and the back cover is angled in a first position (first working angle, about 7 to 12 degrees) a side view will be triangular in shape." *Id.* at 2:15-18. Diebel discloses a second working angle from about 30 to 38 degrees (*id.* at 2:29-30), a third working angle from about 40 to 48 degrees (*id.* at 2:39-40), and a fourth working angle from about 20 to 30 degrees (*id.* at 2:60-61). *See also id.* at Figs. 2, 3A-3B, 4A-4B, 6A-6B; 6:40-64; 7:8-21. One figure is reproduced below for context. Diebel discloses a first viewing angle from about 43 to 50 degrees (*id.* at 2:47-48), and a second viewing angle from about 170 to 180 degrees (*id.* at 2:66-67). *See also id.* at Figs. 5A-5B, 7A-7D; 6:65-7:7; 7:22-29. Figures 3B is illustrative of the second working angles. **Klepar 2013** Klepar 2013 also discloses that the invention allows for the user to "easily flip over the multi-position stand in one or more usage configurations." *Id.* at [0008]. "The user is enabled to flip over the stand holding the tablet computer in one of three 'flip' positions to get a specific viewing angle or use the tablet as a simple stand." *Id.* at [0029]. **Klepar 2014** Klepar 2014 discloses a duel-positioning tablet pillow stand. Some illustrative, non-limiting figures from the patent are set forth below.

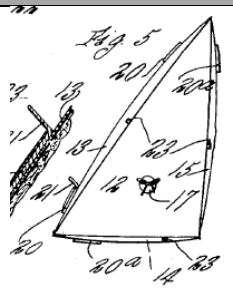
Asserted Claims	Citations to Prior Art
	 Fig. 1 Fig. 1 is a perspective view of a dual-positioning tablet pillow stand supporting an image display device in a first viewing position, in accordance with the claimed design.  Fig. 4 Fig. 4 is perspective view of the dual-positioning tablet pillow stand of Fig. 1 support an image display device in a second viewing position, in accordance with the claimed design. **Ure**

Asserted Claims	Citations to Prior Art
	Ure discloses that "[t]he angle of the platform relative to the reader can be varied by placing the end of one of the folding arms into a selected one of a plurality of grooves in the other folding arm." *Id.* at Abstract; *see also id.* at 1:41-44.  *FIG. 1*  *FIG. 3* As shown in Fig. 3, the book stand **2** is capable of being placed on a table **40**, or other surface. By inserting the first tip **42** into a selected one of the plurality of second transverse grooves **28** on the second folding arm **24**, the platform **12** of the book stand **2** can be elevated to various angles for the user's convenience. *Id.* at 4:56-5:13.

Asserted Claims	Citations to Prior Art
	Falter Falter discloses a triangular lap desk with an edge.  Fig.1  Fig.2 **Tubbs** Tubbs discloses a triangular reading stand with a ledge.  FIG. 1 FIG. 4

Asserted Claims	Citations to Prior Art
[12.g.ii] [wherein the media support apparatus is configured to provide] a second viewing angle when the media support apparatus body rests on the second virtual plane and the media device is supported at the second support angle, and	**Cannon** Cannon discloses an embodiment with three support sides **155** to generate three distinct viewing angles **160**. Each viewing angle **160** is chosen for a specific viewing orientation. The first viewing angle **160*a*** may be employed when the media support **100** and the media is disposed in the user's lap. The second viewing angle **160*b*** may be used when the media support **100** and the media is disposed on a table and the user is sitting upright. In addition, the 3rd viewing angle **160*c*** may be used when the user is lying down and the media support **100** is disposed on the user. *Id.* at [0027]; *see* Fig 2. **Facet Pyramid** Facet Pyramid discloses a triangular-prism support that allows for a tablet to be propped in three preset viewing positions which can be accessed by rotating the stand. Facet Pyramid at 3. **PadPillow** The viewing angle can be controlled by when using the tablet holder on your knees by bending them to achieve the desired view. PadPillow at 2. **Baek** Baek discloses that "[t]he present invention provides a viewing angle control sheet that enables clear viewing of the display device from a side angle." *Id.* at [0006]. In one embodiment, this is achieved by "a sheet base and a prism portion formed on the sheet base. . . . [T]he prism portion includes prism patterns having different refractive indices, and a refractive index between the prism patterns is implemented in a range of 0.08 to 0.31, thereby achieving a viewing angle of 40 degrees or greater when the display device is arranged at an inclination angle of 20 degrees or less relatively to the ground." *Id.* at [0008]. In another embodiment, "a viewing angle control sheet formed on a display device includes a sheet base and a prism portion having a first prism pattern formed on the sheet base and a second prism pattern formed on the first prism pattern. Here, the refractive index difference between the prism patterns is implemented in a range of 0.08 to 0.31." *Id.* at [0009].

Asserted Claims	Citations to Prior Art
	Baek further discloses that "When the viewing angle control sheet according to the present invention is formed on a display device and used, the viewing angle of the display device can be adjusted to a desired angle by using the viewing angle control sheet. As a result, a user can clearly view the screen of the display device from a desired position." *Id.* at [0010].; *see also id.* at Effect of Invention, generally. Baek specifically discloses an embodiment with a viewing angle of 49 degrees and 41 degrees (Figs. 12 and 13, [0062]-[0064], [0068]-[0070]). **<u>Barcalo</u>** Barcalo discloses a pillow for use of propping materials for reading which is triangular in shape. "The ends 12 of the case or sack are triangular in shape, being preferably obtuse angled triangles . . . [with] the triangular ends . . . connected by rectangular faces 13, 14 and 15. Such a pillow is, therefore, triangular in transverse cross section. The edges of the triangular ends are preferably nearly, but not equal in length, and all the angles of the triangle also are preferably unequal, so that when the pillow is supported upon different side faces, the other side faces will make different inclinations to the supporting surface." *Id.* at 1:79-91. *See, e.g.*, Fig. 1.  Figure 5 shows an end elevation of the pillow in Figs. 1-4, showing the small pockets on all three faces.

Asserted Claims	Citations to Prior Art
	 Barcalo further discloses that "[a] bar 21 serves as the rest and is provided with depending angular feet 22 which are received in the pockets 20 along either side edge of a side face of the pillow, as shown in Fig. 1. The bar or rest 21 thus forms a flange or ledge extending away from the side face of the pillow against which it is placed, and holds a book or magazine or other article A, that may rest upon this inclined face of the pillow, from sliding down this inclined face. For example, in Fig. 1, this rest or bar 21 is adjacent the lower edge portion of the face 13 when the pillow is resting upon the side face 15" (see above). *Id.* at 2:32-44. **Diebel 2013** Diebel discloses that the stand "permits the user to interface with the electronic device housed in the case at different viewing and working angles." *Id.* at 1:59-61. A feature disclosed of the invention is "the ability to stand in a portrait orientation at a working angle" "permit[ting] the user to interact with certain websites and applications that may only be available in portrait orientation." *Id.* at 1:61-65. Diebel discloses that "When using the portable electronic device, a person would at different times need to hold or set the electronic device onto a surface to work on. When the electronic device is set on a surface, it is difficult to view the electronic device if it is laying flush on top of a table. Also, for electronic devices that allow the person to input into the electronic device, it is difficult for a person to manipulate the electronic device if it is flush on a table. Thus, the device allows the person to manipulate the positioning of the electronic device when placed on a table (or on the user's lap) and adjust the angle when the electronic device is positioned with respect to the table, to allow easier viewing and working access to the electronic device." *Id.* at 5:17-22.

Asserted Claims	Citations to Prior Art
	The front cover can be folded and positioned in various orientations to achieve multiple viewing angles: (a) a first working angle; (2) a second working angle; (3) a third working angle; (4) a first viewing angle; (5) a fourth working angle; and (6) a second viewing angle. *Id.* at 5:57-67. These are listed in Table A, and described further in the specification as well.

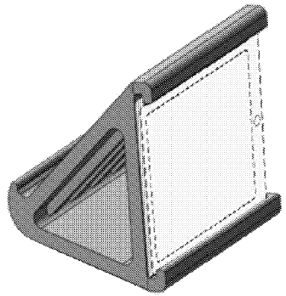
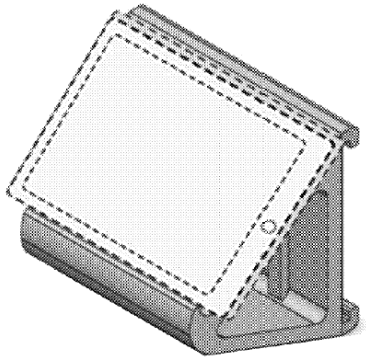
TABLE A

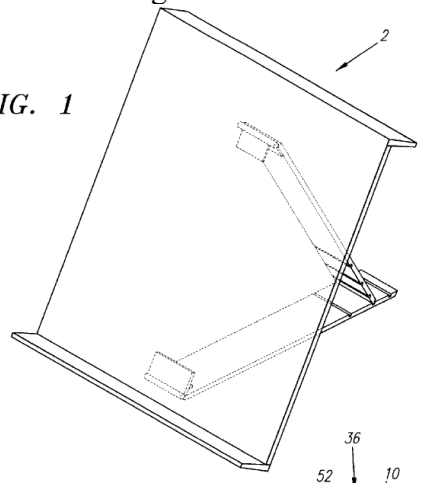
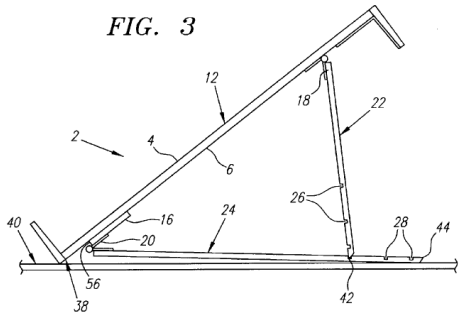
Stand Position	Angle Name	Angles (Degrees)	Angle Range (Degrees)
1	First working angle	8, 9, 10	7-12
2	Second working angle	31, 32, 33	30-38
3	Third working angle	41, 42, 43	40-48
4	First viewing angle	45, 46, 47	43-50
5	Fourth working angle	24, 25, 26	20-30
6	Second viewing angle	74, 75, 76	70-80

Diebel 2013 discloses that "[w]hen the front cover is opened, folded under the back cover to lie flat, and the back cover is angled in a first position (first working angle, about 7 to 12 degrees) a side view will be triangular in shape." *Id.* at 2:15-18. Diebel discloses a second working angle from about 30 to 38 degrees (*id.* at 2:29-30), a third working angle from about 40 to 48 degrees (*id.* at 2:39-40), and a fourth working angle from about 20 to 30 degrees (*id.* at 2:60-61). *See also id.* at Figs. 2, 3A-3B, 4A-4B, 6A-6B; 6:40-64; 7:8-21. One figure is reproduced below for context.

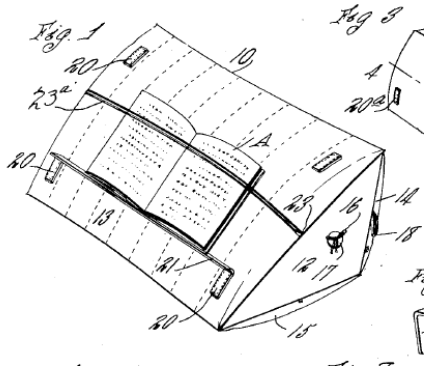
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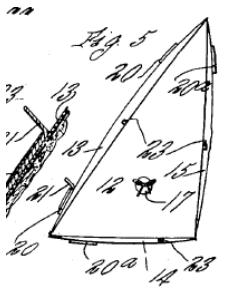
Figures 3B is illustrative of the second working angles.

Asserted Claims	Citations to Prior Art
	Klepar 2014 Klepar 2014 discloses a duel-positioning tablet pillow stand. Some illustrative, non-limiting figures from the patent are set forth below.  Fig. 1 Fig. 1 is a perspective view of a dual-positioning tablet pillow stand supporting an image display device in a first viewing position, in accordance with the claimed design.  Fig. 4 Fig. 4 is perspective view of the dual-positioning tablet pillow stand of Fig. 1 support an image display device in a second viewing position, in accordance with the claimed design.

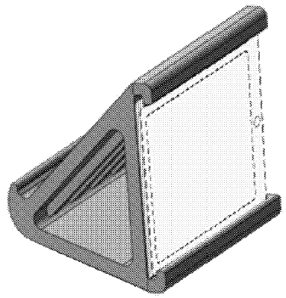
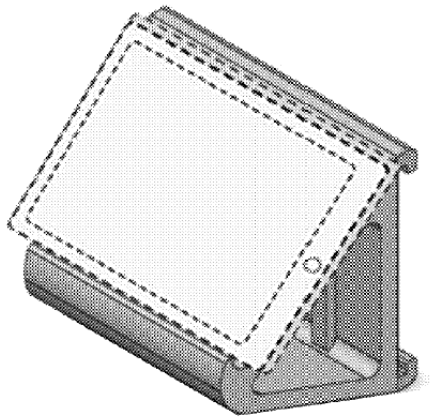
Asserted Claims	Citations to Prior Art
	Ure Ure discloses that "[t]he angle of the platform relative to the reader can be varied by placing the end of one of the folding arms into a selected one of a plurality of grooves in the other folding arm." *Id.* at Abstract; *see also id.* at 1:41-44. *FIG. 1*  *FIG. 3*  As shown in Fig. 3, the book stand **2** is capable of being placed on a table **40**, or other surface. By inserting the first tip **42** into a selected one of the plurality of second

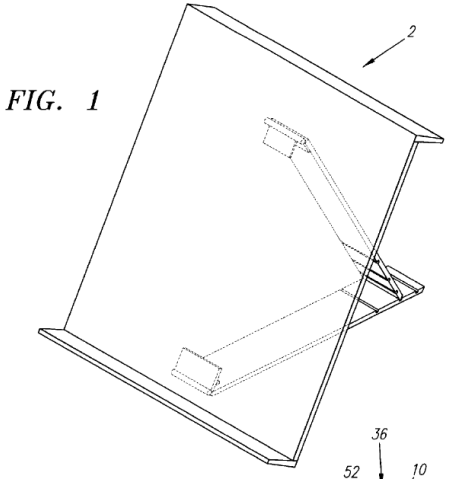
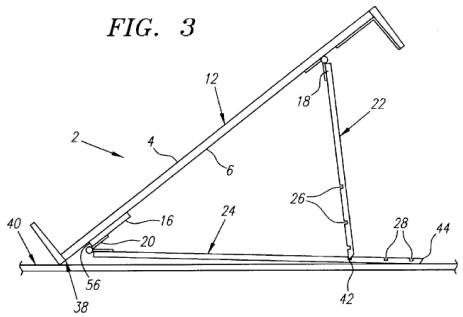
Asserted Claims	Citations to Prior Art
	transverse grooves **28** on the second folding arm **24**, the platform **12** of the book stand **2** can be elevated to various angles for the user's convenience. *Id.* at 4:56-5:13.
[12.g.iii] [wherein the media support apparatus is configured to provide] a third viewing angle when the media support apparatus body rests on the third virtual plane and the media device is supported at the third support angle,	**Cannon** Cannon discloses an embodiment with three support sides **155** to generate three distinct viewing angles **160**. Each viewing angle **160** is chosen for a specific viewing orientation. The first viewing angle **160*a*** may be employed when the media support **100** and the media is disposed in the user's lap. The second viewing angle **160*b*** may be used when the media support **100** and the media is disposed on a table and the user is sitting upright. In addition, the 3rd viewing angle **160*c*** may be used when the user is lying down and the media support **100** is disposed on the user. *Id.* at [0027]; *see* Fig 2. **Facet Pyramid** Facet Pyramid discloses a triangular-prism support that allows for a tablet to be propped in three preset viewing positions which can be accessed by rotating the stand. Facet Pyramid at 3. **PadPillow** The viewing angle can be controlled by when using the tablet holder on your knees by bending them to achieve the desired view. PadPillow at 2. **Baek** Baek discloses that "[t]he present invention provides a viewing angle control sheet that enables clear viewing of the display device from a side angle." *Id.* at [0006]. In one embodiment, this is achieved by "a sheet base and a prism portion formed on the sheet base. . . . [T]he prism portion includes prism patterns having different refractive indices, and a refractive index between the prism patterns is implemented in a range of 0.08 to 0.31, thereby achieving a viewing angle of 40 degrees or greater when the display device is arranged at an inclination angle of 20 degrees or less relatively to the ground." *Id.* at [0008]. In another embodiment, "a viewing angle control sheet formed on a display device includes a sheet base and a prism portion having a first prism pattern formed on the sheet base and a second prism pattern formed on the first prism pattern. Here, the

Asserted Claims	Citations to Prior Art
	refractive index difference between the prism patterns is implemented in a range of 0.08 to 0.31." *Id.* at [0009]. Baek further discloses that "When the viewing angle control sheet according to the present invention is formed on a display device and used, the viewing angle of the display device can be adjusted to a desired angle by using the viewing angle control sheet. As a result, a user can clearly view the screen of the display device from a desired position." *Id.* at [0010].; *see also id.* at Effect of Invention, generally. Baek specifically discloses an embodiment with a viewing angle of 49 degrees and 41 degrees (Figs. 12 and 13, [0062]-[0064], [0068]-[0070]). **Barcalo** Barcalo discloses a pillow for use of propping materials for reading which is triangular in shape. "The ends 12 of the case or sack are triangular in shape, being preferably obtuse angled triangles . . . [with] the triangular ends . . . connected by rectangular faces 13, 14 and 15. Such a pillow is, therefore, triangular in transverse cross section. The edges of the triangular ends are preferably nearly, but not equal in length, and all the angles of the triangle also are preferably unequal, so that when the pillow is supported upon different side faces, the other side faces will make different inclinations to the supporting surface." *Id.* at 1:79-91. *See, e.g.*, Fig. 1. 

Asserted Claims	Citations to Prior Art
	Figure 5 shows an end elevation of the pillow in Figs. 1-4, showing the small pockets on all three faces.  Barcalo further discloses that "[a] bar 21 serves as the rest and is provided with depending angular feet 22 which are received in the pockets 20 along either side edge of a side face of the pillow, as shown in Fig. 1. The bar or rest 21 thus forms a flange or ledge extending away from the side face of the pillow against which it is placed, and holds a book or magazine or other article A, that may rest upon this inclined face of the pillow, from sliding down this inclined face. For example, in Fig. 1, this rest or bar 21 is adjacent the lower edge portion of the face 13 when the pillow is resting upon the side face 15" (see above). *Id.* at 2:32-44. **<u>Diebel 2013</u>** Diebel discloses that the stand "permits the user to interface with the electronic device housed in the case at different viewing and working angles." *Id.* at 1:59-61. A feature disclosed of the invention is "the ability to stand in a portrait orientation at a working angle" "permit[ting] the user to interact with certain websites and applications that may only be available in portrait orientation." *Id.* at 1:61-65. Diebel discloses that "When using the portable electronic device, a person would at different times need to hold or set the electronic device onto a surface to work on. When the electronic device is set on a surface, it is difficult to view the electronic device if it is laying flush on top of a table. Also, for electronic devices that allow the person to input into the electronic device, it is difficult for a person to manipulate the electronic device if it is flush on a table. Thus, the device allows the person to manipulate the positioning of the electronic device when placed on a table (or on the user's lap) and adjust the angle when the electronic device is

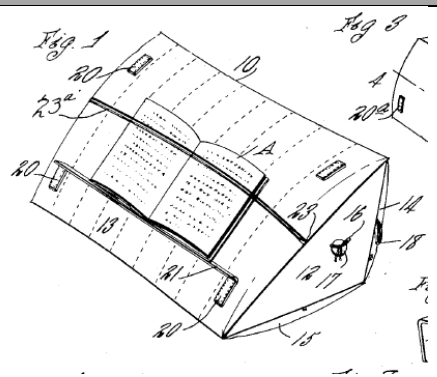
Asserted Claims	Citations to Prior Art
	positioned with respect to the table, to allow easier viewing and working access to the electronic device." *Id.* at 5:17-22. The front cover can be folded and positioned in various orientations to achieve multiple viewing angles: (a) a first working angle; (2) a second working angle; (3) a third working angle; (4) a first viewing angle; (5) a fourth working angle; and (6) a second viewing angle. *Id.* at 5:57-67. These are listed in Table A, and described further in the specification as well. TABLE A Stand Position | Angle Name | Angles (Degrees) | Angle Range (Degrees) 1 | First working angle | 8, 9, 10 | 7-12 2 | Second working angle | 31, 32, 33 | 30-38 3 | Third working angle | 41, 42, 43 | 40-48 4 | First viewing angle | 45, 46, 47 | 43-50 5 | Fourth working angle | 24, 25, 26 | 20-30 6 | Second viewing angle | 74, 75, 76 | 70-80 Diebel 2013 discloses that "[w]hen the front cover is opened, folded under the back cover to lie flat, and the back cover is angled in a first position (first working angle, about 7 to 12 degrees) a side view will be triangular in shape." *Id.* at 2:15-18. Diebel discloses a second working angle from about 30 to 38 degrees (*id.* at 2:29-30), a third working angle from about 40 to 48 degrees (*id.* at 2:39-40), and a fourth working angle from about 20 to 30 degrees (*id.* at 2:60-61). *See also id.* at Figs. 2, 3A-3B, 4A-4B, 6A-6B; 6:40-64; 7:8-21. One figure is reproduced below for context. Diebel discloses a first viewing angle from about 43 to 50 degrees (*id.* at 2:47-48), and a second viewing angle from about 170 to 180 degrees (*id.* at 2:66-67). *See also id.* at Figs. 5A-5B, 7A-7D; 6:65-7:7; 7:22-29.

Asserted Claims	Citations to Prior Art
	Figures 3B is illustrative of the second working angles. **Klepar 2014** Klepar 2014 discloses a duel-positioning tablet pillow stand. Some illustrative, non-limiting figures from the patent are set forth below.  Fig. 1 Fig. 1 is a perspective view of a dual-positioning tablet pillow stand supporting an image display device in a first viewing position, in accordance with the claimed design.  Fig. 4

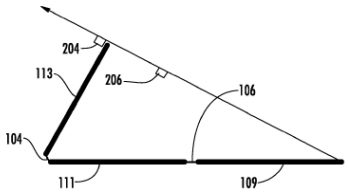
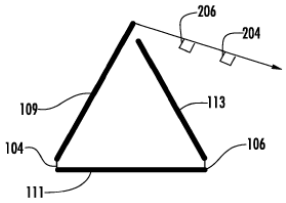
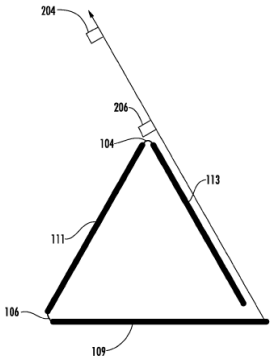
Asserted Claims	Citations to Prior Art
	Fig. 4 is perspective view of the dual-positioning tablet pillow stand of Fig. 1 support an image display device in a second viewing position, in accordance with the claimed design. **Ure** Ure discloses that "[t]he angle of the platform relative to the reader can be varied by placing the end of one of the folding arms into a selected one of a plurality of grooves in the other folding arm." *Id.* at Abstract; *see also id.* at 1:41-44.  *FIG. 1*  *FIG. 3*

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	As shown in Fig. 3, the book stand **2** is capable of being placed on a table **40**, or other surface. By inserting the first tip **42** into a selected one of the plurality of second transverse grooves **28** on the second folding arm **24**, the platform **12** of the book stand **2** can be elevated to various angles for the user's convenience. *Id.* at 4:56-5:13.
[12.g.iv] wherein the first viewing angle, the second viewing angle, and the third viewing angle are different from one another.	**Cannon** Cannon discloses an embodiment with three support sides **155** to generate three distinct viewing angles **160**. Each viewing angle **160** is chosen for a specific viewing orientation. The first viewing angle **160*a*** may be employed when the media support **100** and the media is disposed in the user's lap. The second viewing angle **160*b*** may be used when the media support **100** and the media is disposed on a table and the user is sitting upright. In addition, the 3rd viewing angle **160*c*** may be used when the user is lying down and the media support **100** is disposed on the user. *Id.* at [0027]; *see* Fig 2. **Facet Pyramid** Facet Pyramid discloses a triangular-prism support that allows for a tablet to be propped in three preset viewing positions which can be accessed by rotating the stand. Facet Pyramid at 3. **PadPillow** The viewing angle can be controlled by when using the tablet holder on your knees by bending them to achieve the desired view. PadPillow at 2. **Baek** Baek discloses that "[t]he present invention provides a viewing angle control sheet that enables clear viewing of the display device from a side angle." *Id.* at [0006]. In one embodiment, this is achieved by "a sheet base and a prism portion formed on the sheet base. . . . [T]he prism portion includes prism patterns having different refractive indices, and a refractive index between the prism patterns is implemented in a range of 0.08 to

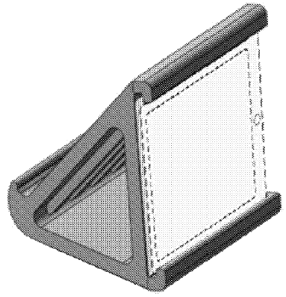
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	0.31, thereby achieving a viewing angle of 40 degrees or greater when the display device is arranged at an inclination angle of 20 degrees or less relatively to the ground." *Id.* at [0008]. In another embodiment, "a viewing angle control sheet formed on a display device includes a sheet base and a prism portion having a first prism pattern formed on the sheet base and a second prism pattern formed on the first prism pattern. Here, the refractive index difference between the prism patterns is implemented in a range of 0.08 to 0.31." *Id.* at [0009]. Baek further discloses that "When the viewing angle control sheet according to the present invention is formed on a display device and used, the viewing angle of the display device can be adjusted to a desired angle by using the viewing angle control sheet. As a result, a user can clearly view the screen of the display device from a desired position." *Id.* at [0010].; *see also id.* at Effect of Invention, generally. Baek specifically discloses an embodiment with a viewing angle of 49 degrees and 41 degrees (Figs. 12 and 13, [0062]-[0064], [0068]-[0070]). **Barcalo** Barcalo discloses a pillow for use of propping materials for reading which is triangular in shape. "The ends 12 of the case or sack are triangular in shape, being preferably obtuse angled triangles . . . [with] the triangular ends . . . connected by rectangular faces 13, 14 and 15. Such a pillow is, therefore, triangular in transverse cross section. The edges of the triangular ends are preferably nearly, but not equal in length, and all the angles of the triangle also are preferably unequal, so that when the pillow is supported upon different side faces, the other side faces will make different inclinations to the supporting surface." *Id.* at 1:79-91. *See, e.g.*, Fig. 1.

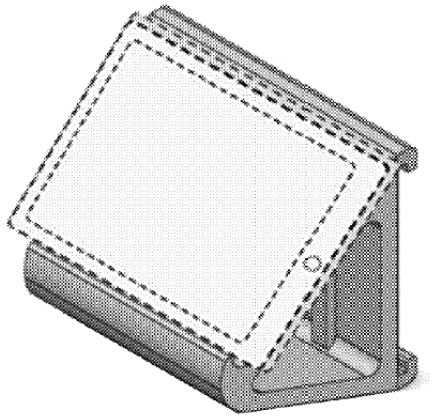
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	 Figure 5 shows an end elevation of the pillow in Figs. 1-4, showing the small pockets on all three faces.  Barcalo further discloses that "[a] bar 21 serves as the rest and is provided with depending angular feet 22 which are received in the pockets 20 along either side edge of a side face of the pillow, as shown in Fig. 1. The bar or rest 21 thus forms a flange or ledge extending away from the side face of the pillow against which it is placed, and holds a book or magazine or other article A, that may rest upon this inclined face of the pillow, from sliding down this inclined face. For example, in Fig. 1, this rest or bar 21 is adjacent the lower edge portion of the face 13 when the pillow is resting upon the side face 15" (see above). *Id.* at 2:32-44. **<u>Lin</u>**

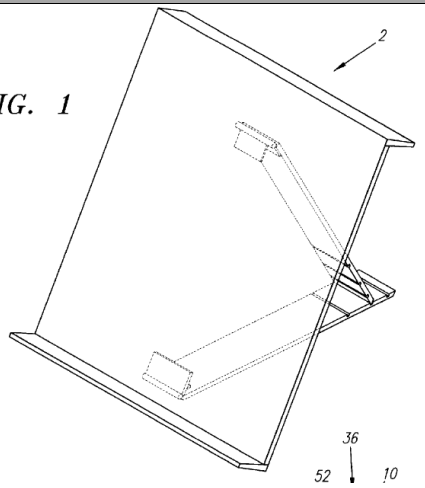
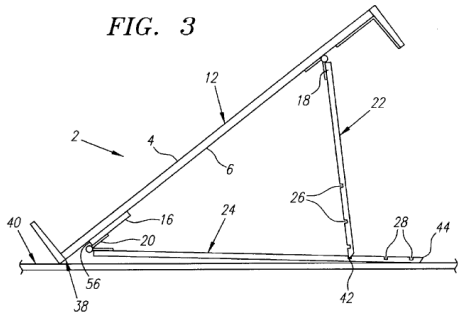
Asserted Claims	Citations to Prior Art
	A feature of the invention is an angle "between the bottom edges of the two support panels" which "can be adjusted appropriately to control the inclination of the support stand and the spreading range of the two support panels, so that users may change the inclination of supporting the object according to their preference." *Id.* at 2:13-20. Adjustments can be made by altering the angle between the left bottom edge **111** of the left support panel **11** and the right bottom edge **121** of the right support panel **12** to control the extent of spreading, allowing users to change the inclination of supporting the object. *Id.* at 4:45-54. **Diebel 2011** Diebel 2011 discloses a specific implementation where each panel is approximately the same length, forming an equilateral trial, and the angle provided is about 60 degrees. *Id.* at 6:47-50. The angle from the table can be varied in a range from about 15 degrees to about 60 degrees by adjusting the length of panel 113 and position of bump 204 (*see* Fig 5B, above). *Id.* at 8:47-50.

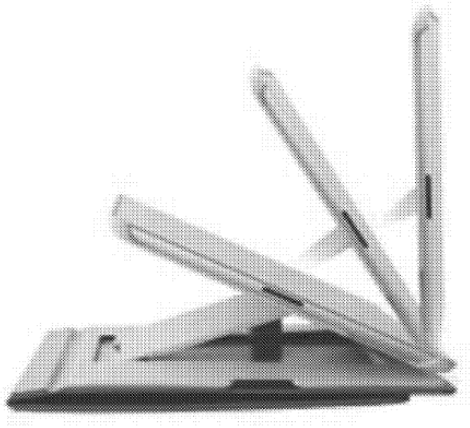
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	 FIG. 5E  FIG. 5D  FIG. 5F *See id.* at Figs. 5D–5E (depicting cross-sectional views of Figs. 5A, B, and C, respectively, as viewed from the left side of the case). The internal angle is about 60 degrees and is regarded as useful for "viewing media (e.g., watching a movie) on an electronic tablet)" and can be adjusted to more or less than 60 degrees by lengthening or shortening the panel. *Id.* at 8:64-9:4. This angle can be varied in a range from about 30 degrees to 75 degrees. *Id.* at 9:5-6. "In various implementations of a case according to the invention, there can be more angles (e.g., more than three different angles) than described here, and different angles (e.g., 8, 20, 35, 40, 50, 55, 65 degrees, and others)" but varying the number of bumps, panels, and hinges. *Id.* at 9:7-17. **Diebel 2013**

Asserted Claims	Citations to Prior Art
	Diebel discloses that the stand "permits the user to interface with the electronic device housed in the case at different viewing and working angles." *Id.* at 1:59-61. A feature disclosed of the invention is "the ability to stand in a portrait orientation at a working angle" "permit[ting] the user to interact with certain websites and applications that may only be available in portrait orientation." *Id.* at 1:61-65. Diebel discloses that "When using the portable electronic device, a person would at different times need to hold or set the electronic device onto a surface to work on. When the electronic device is set on a surface, it is difficult to view the electronic device if it is laying flush on top of a table. Also, for electronic devices that allow the person to input into the electronic device, it is difficult for a person to manipulate the electronic device if it is flush on a table. Thus, the device allows the person to manipulate the positioning of the electronic device when placed on a table (or on the user's lap) and adjust the angle when the electronic device is positioned with respect to the table, to allow easier viewing and working access to the electronic device." *Id.* at 5:17-22. The front cover can be folded and positioned in various orientations to achieve multiple viewing angles: (a) a first working angle; (2) a second working angle; (3) a third working angle; (4) a first viewing angle; (5) a fourth working angle; and (6) a second viewing angle. *Id.* at 5:57-67. These are listed in Table A, and described further in the specification as well. TABLE A Stand Position | Angle Name | Angles (Degrees) | Angle Range (Degrees) 1 | First working angle | 8, 9, 10 | 7-12 2 | Second working angle | 31, 32, 33 | 30-38 3 | Third working angle | 41, 42, 43 | 40-48 4 | First viewing angle | 45, 46, 47 | 43-50 5 | Fourth working angle | 24, 25, 26 | 20-30 6 | Second viewing angle | 74, 75, 76 | 70-80

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	Diebel 2013 discloses that "[w]hen the front cover is opened, folded under the back cover to lie flat, and the back cover is angled in a first position (first working angle, about 7 to 12 degrees) a side view will be triangular in shape." *Id.* at 2:15-18. Diebel discloses a second working angle from about 30 to 38 degrees (*id.* at 2:29-30), a third working angle from about 40 to 48 degrees (*id.* at 2:39-40), and a fourth working angle from about 20 to 30 degrees (*id.* at 2:60-61). *See also id.* at Figs. 2, 3A-3B, 4A-4B, 6A-6B; 6:40-64; 7:8-21. One figure is reproduced below for context. Diebel discloses a first viewing angle from about 43 to 50 degrees (*id.* at 2:47-48), and a second viewing angle from about 170 to 180 degrees (*id.* at 2:66-67). *See also id.* at Figs. 5A-5B, 7A-7D; 6:65-7:7; 7:22-29. Figures 3B is illustrative of the second working angles. **Klepar 2014** Klepar 2014 discloses a duel-positioning tablet pillow stand. Some illustrative, non-limiting figures from the patent are set forth below.  **Fig. 1** Fig. 1 is a perspective view of a dual-positioning tablet pillow stand supporting an image display device in a first viewing position, in accordance with the claimed design.

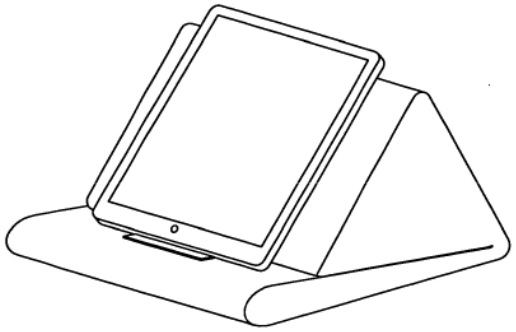
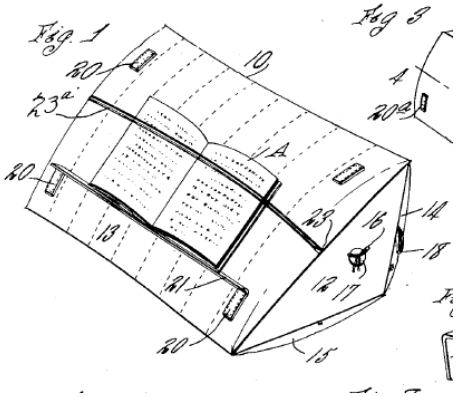
Asserted Claims	Citations to Prior Art
	 **Fig. 4** Fig. 4 is perspective view of the dual-positioning tablet pillow stand of Fig. 1 support an image display device in a second viewing position, in accordance with the claimed design. **Ure** Ure discloses that "[t]he angle of the platform relative to the reader can be varied by placing the end of one of the folding arms into a selected one of a plurality of grooves in the other folding arm." *Id.* at Abstract; *see also id.* at 1:41-44.

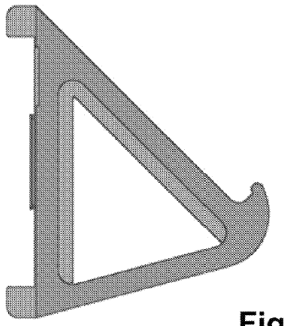
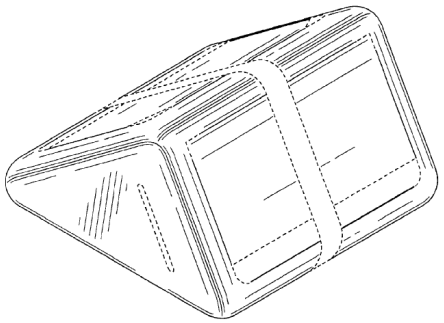
Asserted Claims	Citations to Prior Art
	FIG. 1  FIG. 3  As shown in Fig. 3, the book stand **2** is capable of being placed on a table **40**, or other surface. By inserting the first tip **42** into a selected one of the plurality of second transverse grooves **28** on the second folding arm **24**, the platform **12** of the book stand **2** can be elevated to various angles for the user's convenience. *Id.* at 4:56-5:13. **Padilla 2014**

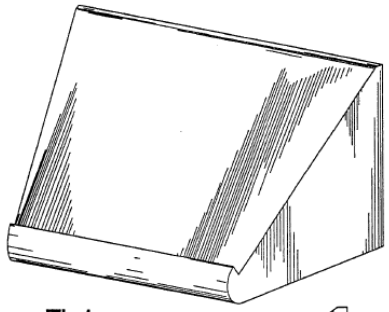
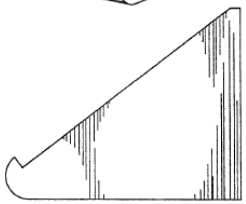
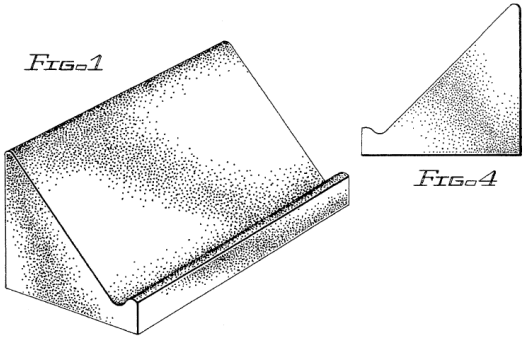
Asserted Claims	Citations to Prior Art
	Padilla 2014 discloses a "case for a tablet computer" that is "configurable to several positions" where "[a]t each position, the tablet computer may be supported in a variety of angles." Padilla 2014 at Abstract; [0001]; [0003] ("at least two standing positions"); [0007]. Padilla 2014 discloses that "[i]n a low stand position, the case provides support and optimal viewing angles for activities such as typing on the tablet computer. In a high loft position, the tablet computer is raised to eye level for ergonomic comfort and ease of use for activities such as viewing videos on the tablet." *Id.* at Abstract; *see also id.* at [0008], [0021]. Padilla 2014 further discloses that the case has mechanisms to allow it to be "configurable" and which "provide stability." *Id.* at Abstract; [0021]. Figure 6 
Claim 13	
[13.pre] The apparatus of claim 12, wherein	*See* claim 12.

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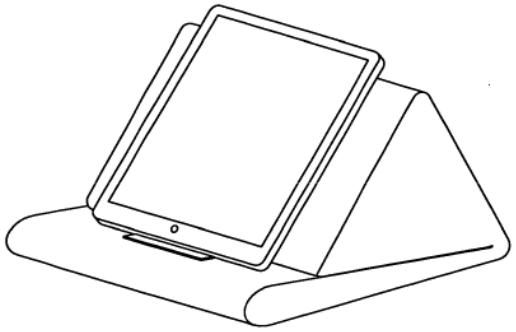
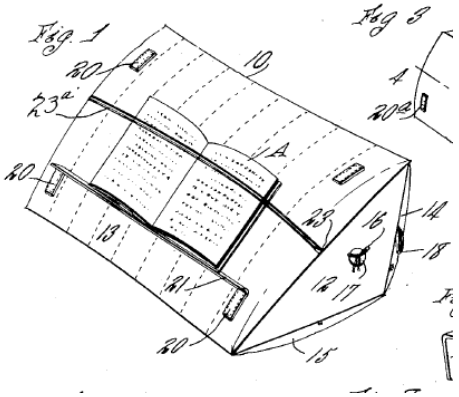
Asserted Claims	Citations to Prior Art
[13.a] the first support angle is between 50 and 60 degrees to the second virtual plane,	**Cannon** Cannon discloses three support edges, 110a-c, disposed between support backs, e.g., between the first support back and the second support back, where the first support back and first support edge are configured to support a media device at three support angles. *See* Cannon at [0016], [0021]. Cannon discloses that the first support angle is between 50 and 60 degrees to the second virtual plane, the second support angle is between 55 and 65 degrees to the third virtual plane, and the third support angle is between 50 and 75 degrees to the first virtual plane. *Id.* at [0021]. **PadPillow**  PadPillow at 1. **Hong**

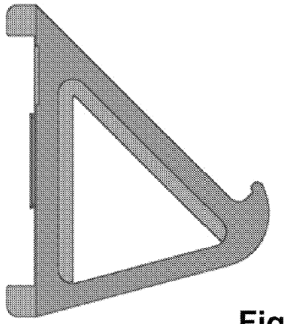
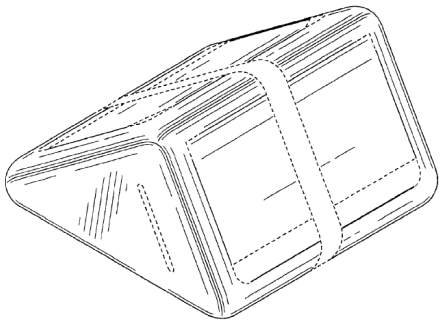
Asserted Claims	Citations to Prior Art
	 **Barcalo**  **Klepar 2014**

Asserted Claims	Citations to Prior Art
	 Fig. 7 **Padilla 2013**  FIG. 2 **Falter** Falter discloses a triangular lap desk with an edge.

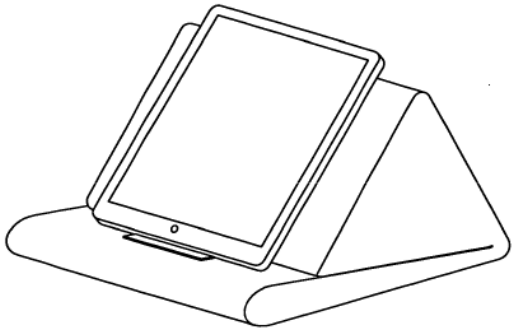
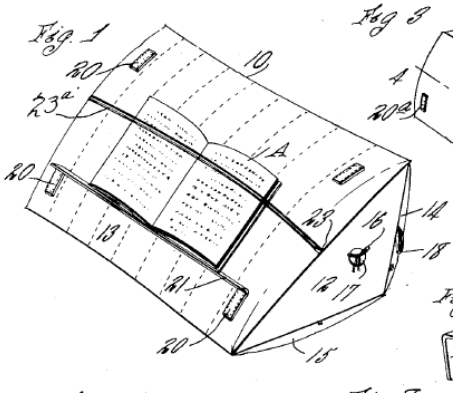
Asserted Claims	Citations to Prior Art
	 Fig.1  Fig.2 **Tubbs** Tubbs discloses a triangular reading stand with a ledge.  FIG. 1 FIG. 4
[13.b] the second support angle is between 55 and 65 degrees to the third virtual plane, and	**Cannon** Cannon discloses three support edges, 110a-c, disposed between support backs, e.g., between the first support back and the second support back, where the first support back and first support edge are configured to support a media device at three support angles.

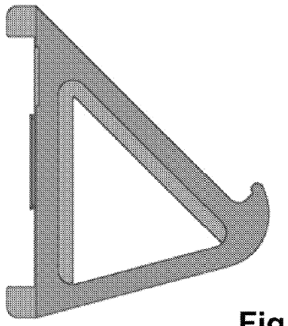
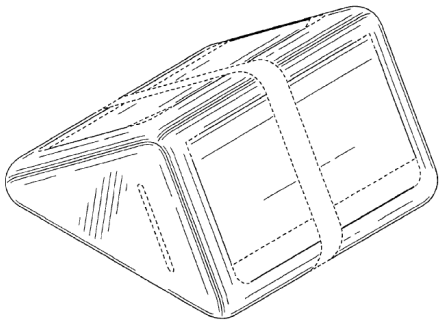
Asserted Claims	Citations to Prior Art
	See Cannon at [0016], [0021]. Cannon discloses that the first support angle is between 50 and 60 degrees to the second virtual plane, the second support angle is between 55 and 65 degrees to the third virtual plane, and the third support angle is between 50 and 75 degrees to the first virtual plane. *Id.* at [0021]. **PadPillow**  PadPillow at 1. **Hong**

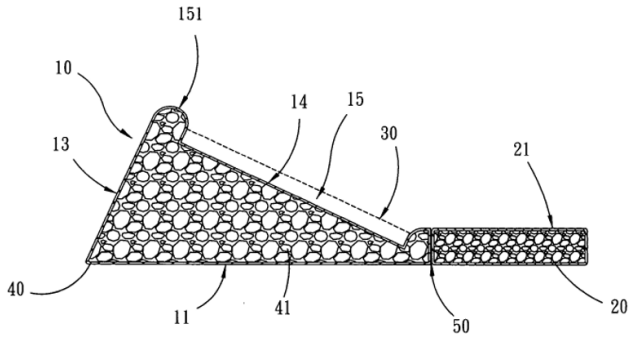
Asserted Claims	Citations to Prior Art
	 **Barcalo**  **Klepar 2014**

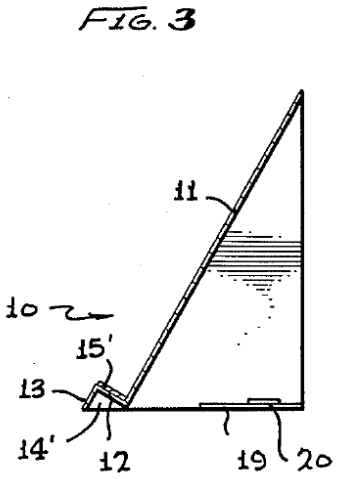
Asserted Claims	Citations to Prior Art
	 Fig. 7 **Padilla 2013**  FIG. 2
[13.c] the third support angle is between 50 and 75 degrees to the first virtual plane.	**Cannon** Cannon discloses three support edges, 110a-c, disposed between support backs, e.g., between the first support back and the second support back, where the first support back and first support edge are configured to support a media device at three support angles. *See* Cannon at [0016], [0021]. Cannon discloses that the first support angle is between 50 and 60 degrees to the second virtual plane, the second support angle is between 55

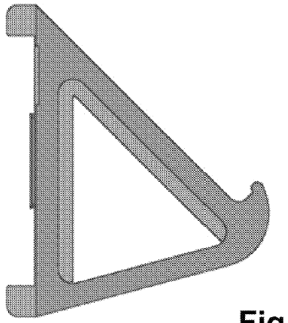
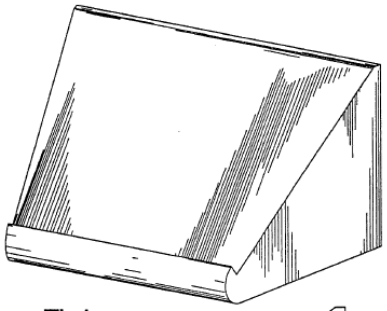
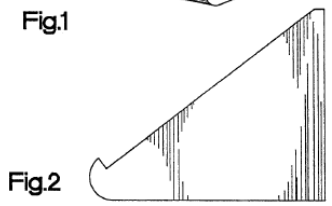
Asserted Claims	Citations to Prior Art
	and 65 degrees to the third virtual plane, and the third support angle is between 50 and 75 degrees to the first virtual plane. *Id.* at [0021]. **PadPillow**  PadPillow at 1. **Hong**

Asserted Claims	Citations to Prior Art
	 **Barcalo**  **Klepar 2014**

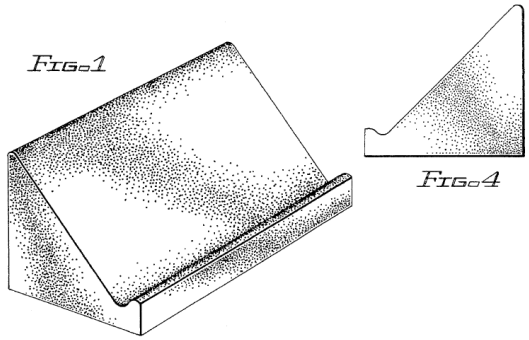
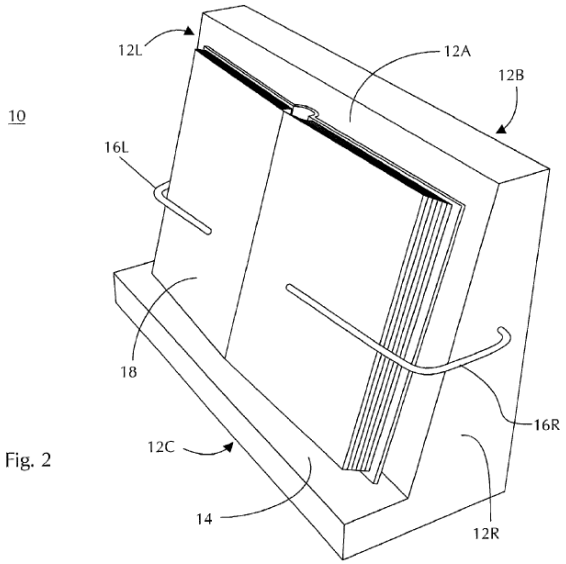
Asserted Claims	Citations to Prior Art
	 Fig. 7 **Padilla 2013**  FIG. 2
Claim 15	
[15.pre] The apparatus of claim 12, wherein	*See* claim 12.
[15.a] the edge support angle is 90 degrees.	Some of the prior art references, such as Radtke, show what appears to be exactly 90 degrees, and furthermore it would be the routine work of the POSA to measure the width and angle of the edge support.

Asserted Claims	Citations to Prior Art
	Cannon Cannon discloses an edge angle of 90 degrees to an adjacent back support. *Id.* at [0024] ("In on embodiment, each edge support **110** forms an edge angle **140** with an adjacent back support **105**. The edge angle **140** may be in the range of 85 to 120 degrees. The edge angle **140** may be 90 degrees."). **Huang**  第2圖 **Barcalo**

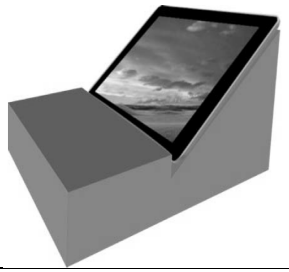
Asserted Claims	Citations to Prior Art
	 **Radtke** 

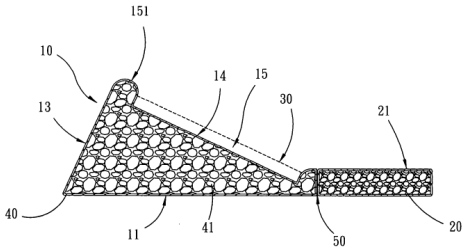
Asserted Claims	Citations to Prior Art
	Klepar 2014  Fig. 7 **Falter** Falter discloses a triangular lap desk with an edge.  Fig.1  Fig.2 **Tubbs**

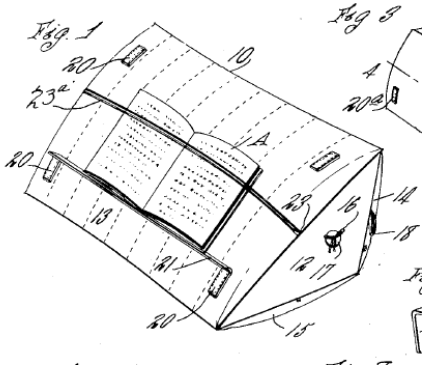
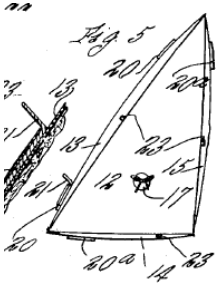
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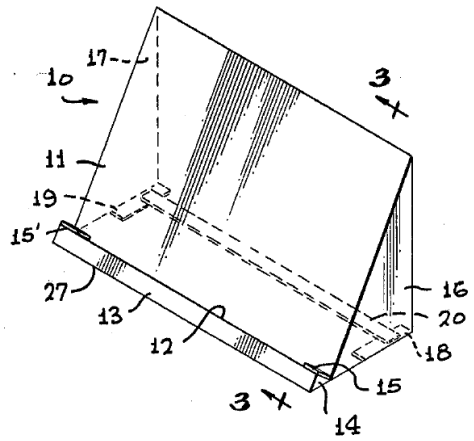
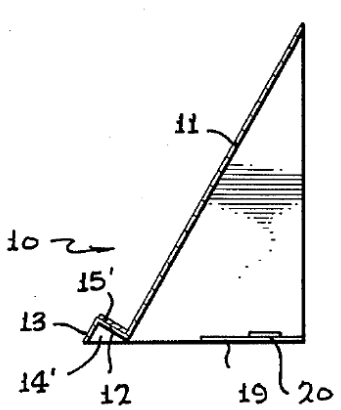
Asserted Claims	Citations to Prior Art
	Tubbs discloses a triangular reading stand with a ledge.  **Halpin**  Fig. 2

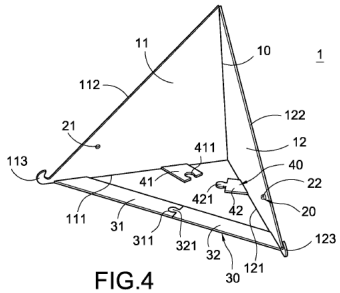
Asserted Claims	Citations to Prior Art
Claim 16	
[16.pre] The apparatus of claim 15, wherein	*See* claims 12 and 15.
[16.a] the edge support width is 2 cm.	Further, it would be the routine work of the POSA to measure the width and angle of the edge support. As shown below the prior art taught that the width should be stable enough to hold the media disposed on it, and the POSA would know an element of which is thickness (width). **Cannon** Cannon further discloses that each edge support has an edge support width of 2 cm. *Id.* at claim 9, [0024] ("Each edge support **110** may have an edge support width **135.** The edge support width **135** may be in the range of 1 to 5 cm. In a certain embodiment, the edge support width **135** is 2 cm"). **Preece** Preece discloses an iPad stand "is constructed of closed-cell Polyethylene or Ethylene Vinyl Acetate (EVA) foam, giving it a non-slip surface that will not scratch the device, is comfortable on both the arms and thighs, and will not be cold, even on bare skin such as the thighs unlike the device itself." *Id.* at Abstract, 1. **Hong** Hong discloses that the pillow has the feature of "plac[ing] the tablet computer against one face of the triangular prism" and "[a] strip of coarse material . . . provided at the end of the inclined surface to prevent the tablet computer from sliding off." Hong at Design Features. **Barcalo** Specific benefits of the pillow include stability when positioned on the lap and softness which will prevent slipping. *Id.* at 3:56-61.

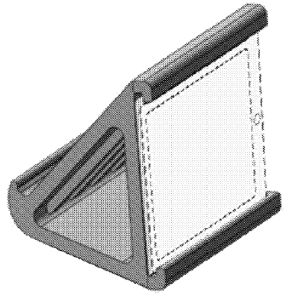
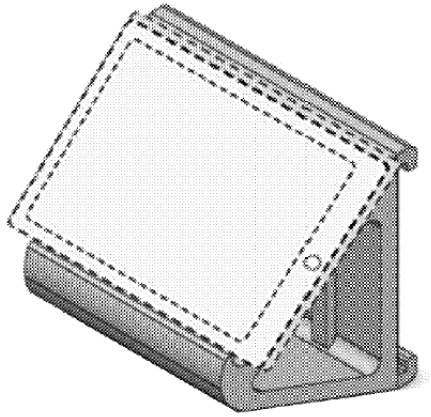
Asserted Claims	Citations to Prior Art
	Dean Dean discloses that these regions assist in preventing slipping of the object (e.g. cards) propped against the supportive member **10** by having projections **15** and **16** to engage the cards. **Halpin** Halpin discloses a structure that is pliable allowing for books of a variety of sizes and thickness to fit within the book holder. *Id.* at [0027].
Claim 17	
[17.pre] The apparatus of claim 12, wherein	*See* claim 12.
[17.a] the body includes three solid corners, with each of the corners interposed between two adjacent support backs and including a respective edge support.	**Cannon** Cannon discloses an embodiment where each back support 105 and each edge support 101 is a surface of a solid. Cannon at [0019]. Cannon further discloses that a top of each back support 105 is in physical communication with an adjacent edge support 110 about the central axis 125. *Id.* at [0021]; *see also id.* at [0004] ("[a] top of each back support is in physical communication with an adjacent edge support clockwise about a central axis."); [0024]. **Preece** Preece discloses that the "device can be supported in both landscape or portrait mode." *Id.* at Abstract, 1. 

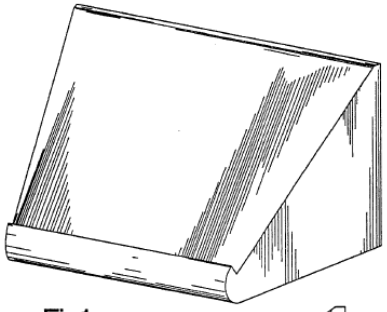
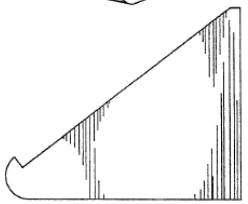
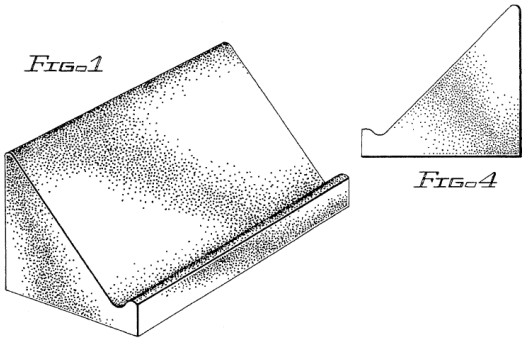
Asserted Claims	Citations to Prior Art
	Id. at 5. **PadPillow**  PadPillow at 1. PadPillow discloses that the tablet-holder is "[a] soft, huggable pillow" which "lets you rest any generation of your iPad on your lap or stomach," and can be adjusted for the floor, a chair, or lying in bed. *Id.* at 2. **Huang** The tablet is based on the bearing surface (14) which extends rearward and upward along the longitudinal direction of the front side surface (12), toward the rear side surface (13), such that the rear side surface and the bearing surface are at an oblique angle. *See also* Fig. 2 (below).  第2圖

Asserted Claims	Citations to Prior Art
	Barcalo Barcalo discloses a pillow for use of propping materials for reading which is triangular in shape. "The ends 12 of the case or sack are triangular in shape, being preferably obtuse angled triangles . . . [with] the triangular ends . . . connected by rectangular faces 13, 14 and 15. Such a pillow is, therefore, triangular in transverse cross section. The edges of the triangular ends are preferably nearly, but not equal in length, and all the angles of the triangle also are preferably unequal, so that when the pillow is supported upon different side faces, the other side faces will make different inclinations to the supporting surface." *Id.* at 1:79-91. *See, e.g.*, Fig. 1.  Figure 5 shows an end elevation of the pillow in Figs. 1-4, showing the small pockets on all three faces. 

Asserted Claims	Citations to Prior Art
	Barcalo further discloses that "[a] bar 21 serves as the rest and is provided with depending angular feet 22 which are received in the pockets 20 along either side edge of a side face of the pillow, as shown in Fig. 1. The bar or rest 21 thus forms a flange or ledge extending away from the side face of the pillow against which it is placed, and holds a book or magazine or other article A, that may rest upon this inclined face of the pillow, from sliding down this inclined face. For example, in Fig. 1, this rest or bar 21 is adjacent the lower edge portion of the face 13 when the pillow is resting upon the side face 15" (see above). *Id.* at 2:32-44. **Radtke** Radtke discloses that "[t]he front or lower edge or back member includes a forwardly angled lip on which the book or other reading material rests and further includes a downwardly angled front support member engaging the support surface for stabilizing the lip." *Id.*; *see also id.* at 1:36-48; 1:63-68 ("[a] further object of the present invention is to provide a novel book stand which is portable and comprises a rearwardly sloping or angled back member having a reinforced lip at its lower end and lateral brace means on opposite sides thereof as well as a base support means to rigidize the construction."). FIG. 1  FIG. 3 

Asserted Claims	Citations to Prior Art
	The back member **11** supports the back of the reading material, and extends or slopes rearwardly from the front of the device. The lower end of the back member **11** forms a lip **12** which slopes forwardly from the back member at an angle "so as to support the bottom of the reading material." *Id.* at 2:30-37. The lip **12** is supported by a forward element **13** which includes triangular pieces **14** on each side of the lip or tray like construction. Reinforcing tabs **15** are also provided adjacent to each of the triangular section **15.** *Id.* at 2:37-41. "[I]t can be seen that the combined structure of the angled lip **12** and the sloping back member **11** serves as a tray like support for the reading material carried therein. The reading material is at a preferred and predetermined angle with respect to the viewers eye so that the reading procedure is augmented." *Id.* at 2:56-61. **Lin** Lin summarizes this shape as "substantially in a triangular shape, and both interconnected support panels are provided for slantingly supporting an object on a work surface." *Id.* at 2:1-4. This is described in detail in the below Fig. 4.  FIG.4 The support panels are demonstrated at **11** and **12**. The left bevel edge **112** and right bevel edge **122** end in inverted hook portions **113** and **123** for supporting the object **100** (demonstrated in Fig. 6, below). *See generally id.* at cols. 2-4; *see also id.* at 3:3-9; 3:25-44. **Klepar 2014**

Asserted Claims	Citations to Prior Art
	Klepar 2014 discloses a duel-positioning tablet pillow stand. Some illustrative, non-limiting figures from the patent are set forth below.  Fig. 1 Fig. 1 is a perspective view of a dual-positioning tablet pillow stand supporting an image display device in a first viewing position, in accordance with the claimed design.  Fig. 4 Fig. 4 is perspective view of the dual-positioning tablet pillow stand of Fig. 1 support an image display device in a second viewing position, in accordance with the claimed design.

Asserted Claims	Citations to Prior Art
	Falter Falter discloses a triangular lap desk with an edge.  Fig.1  Fig.2 **Tubbs** Tubbs discloses a triangular reading stand with a ledge.  FIG. 1 FIG. 4

Asserted Claims	Citations to Prior Art
Claim 18[1]	
[18.pre] The apparatus of claim 12,	*See* claim 12.
[18.a] wherein the body is foam having an indentation force deflection (IFD) in the range of 15-30 kilograms at 25% indentation.	**Cannon** Cannon discloses an embodiment where the solid media support **100** may be a pillow. In one embodiment, the surface of the solid is ultra suede. Cannon at [0019]. **Mills** The flexible foam industry uses an indentation force-deflection (IFD) test, in which a circular flat indenter of area A = 323 cm^2 (50 $in.^2$) presses on a slab of foam, typically of thickness 100 mm and area 500 mm by 500 mm (ASTM D3574) supported on a flat table. The table is perforated with small holes to allow easy air flow. The foam is preconditioned by compressing it twice to 75% strain, then waiting for 6 min. The force is measured 60 s after a 25% indentation strain is applied, during which time there will be stress relaxation. . . The PFA (www.pfa.org) indicates suitable IFD values (in pounds force for 25% compression) for various applications. Mills at 217. IFD for different applications are disclosed in Table 9.2:

[1] Pursuant to Happy Products Inc.'s Disclosure of Asserted Claims and Infringement Contentions, dated May 16, 2025, claim 18 is not currently asserted. For the purpose of these contentions Ontel addresses its invalidity bases for claim 18, but as Plaintiff has provided no contention that Ontel infringes claim 18 or the basis for that contention, Ontel reserves all rights to supplement and/or amend its invalidity defenses for claim 18, particularly should Plaintiff supplement and/or amend its infringement contentions.

Asserted Claims	Citations to Prior Art

Table 9.2 IFD range suitable for particular applications

25% IFD (N)	*25% IFD (lb force)*	*Typical use*
27–53	6–12	Bed pillows, thick back pillows
53–80	12–18	Back pillows, upholstery padding
80–107	18–24	Thin back pillows, very thick seat cushions
107–133	24–30	Average seat cushions, upholstery padding
133–160	30–36	Firm seat cushions, mattresses
160–200	36–45	Thin seat cushions, firm mattresses
>200	>45	Shock absorbing and packaging, carpet pads

Id. at 218.

PadPillow

PadPillow discloses a tablet-holder that is "[a] soft, huggable pillow" which is made of "soft foam." *Id.* at 2.

Klepar 2014

Klepar 2014 discloses that it is directed to a "Dual-Positioning Tablet Pillow Stand." *See* Klepar 2014, Figs. 1-2, 4-5, 7-9.

Barcalo

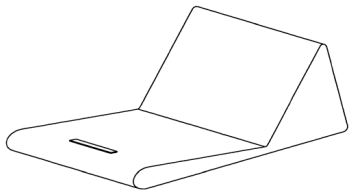
Barcalo discloses pillow or cushions to support books or magazines "adjustably" for convenient reading positions. Barcalo at 1:1-4. The pillow is described as "soft and light" as to not cause discomfort when disposed on the reader's lap. *Id.* at 3:50-61. Barcalo discloses embodiments in Figs. 1-8 having a pillow which "includes a sack or case 10 of flexible sheet material, such as textile fabric, or leather, which is completely filled with a soft, loose, yielding or elastic filling or stuffing 11, such as hair, cotton, wool, kapok, feathers or any other suitable soft and more or less pliable or resilient filling material." *Id.* at 1:66-73.

Huang

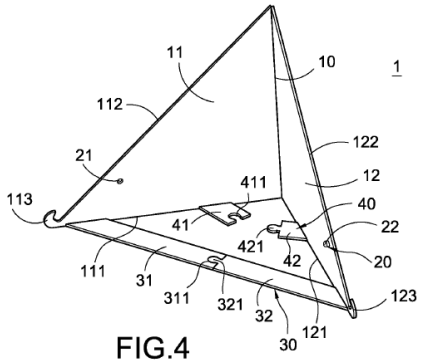
Asserted Claims	Citations to Prior Art
	Huang further discloses "the main support pad 10 and the wrist rest 20 can be manufactured using soft materials. An embodiment of the material structure of the main support pad 10, as shown in "Fig. 2," includes: a fabric 40 and a padding material 41 enveloped by the fabric 40. The fabric 40 may be selected from, for example, synthetic fiber fabric or natural fiber fabric. As for the padding material 41, it may be selected from either form or latex. In one embodiment of the present invention, the padding material 41 of the main support pad 10 is made from foam that normally has a fixed shape. This type of material makes it easier to form the aforementioned receiving groove 15 to accommodate the tablet computer 30 and can provide the main support pad 10 with better comfort." *Id.* at 6.
Claim 19	
[19.pre] The apparatus of claim 12, wherein	*See* claim 12.
[19.a] the edge support width is in the range of 1 to 5 cm.	Further, it would be the routine work of the POSA to measure the width and angle of the edge support. As shown below, the prior art disclosed and taught that the width should be stable enough to hold the media disposed on it, and the POSA would know an element of which is thickness (width). **Cannon** Cannon further discloses that each edge support has an edge support width of 1 to 5 cm. *Id.* at claim 9, [0024] ("Each edge support **110** may have an edge support width **135.** The edge support width **135** may be in the range of 1 to 5 cm. In a certain embodiment, the edge support width **135** is 2 cm"). **Preece** Preece discloses an iPad stand "is constructed of closed-cell Polyethylene or Ethylene Vinyl Acetate (EVA) foam, giving it a non-slip surface that will not scratch the device, is comfortable on both the arms and thighs, and will not be cold, even on bare skin such as the thighs unlike the device itself." *Id.* at Abstract, 1. **Hong**

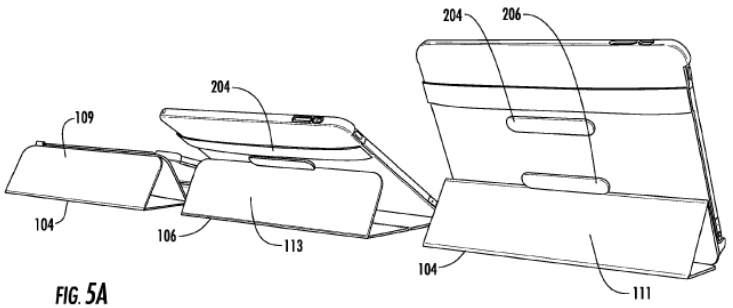
Asserted Claims	Citations to Prior Art
	Hong discloses that the pillow has the feature of "plac[ing] the tablet computer against one face of the triangular prism" and "[a] strip of coarse material . . . provided at the end of the inclined surface to prevent the tablet computer from sliding off." Hong at Design Features. **Barcalo** Specific benefits of the pillow include stability when positioned on the lap and softness which will prevent slipping. *Id.* at 3:56-61. **Dean** Dean discloses that these regions assist in preventing slipping of the object (e.g. cards) propped against the supportive member **10** by having projections **15** and **16** to engage the cards. **Halpin** Halpin discloses a structure that is pliable allowing for books of a variety of sizes and thickness to fit within the book holder. Halpin at [0027].
Claim 20	
[20.pre] An apparatus comprising:	**Cannon** Cannon discloses an apparatus for multiple viewing angle media support, which includes three support sides, and where each support side includes a back support and an edge support. Cannon at Abstract, [0004]; *see* Fig. 1. **Preece** Preece discloses an iPad stand that "supports the device on the lap without the need to support it with the hands, lifts and tilts the screen to a more comfortable 35 degrees for easier viewing and less neck strain." *Id.* at Abstract, 1. **Facet Pyramid**

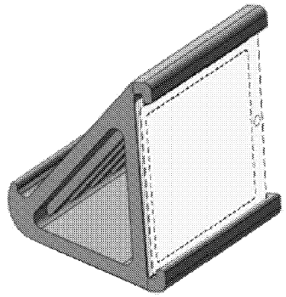
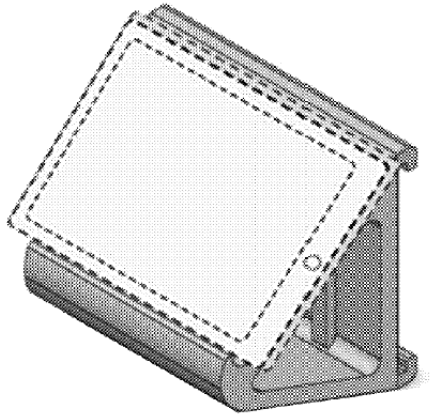
Asserted Claims	Citations to Prior Art
	Facet Pyramid discloses a triangular-prism support that allows for a tablet to be propped in three preset viewing positions which can be accessed by rotating the stand. Facet Pyramid at 3. Each face is precisely angled (35º, 55º, and 75º) and provides for a stable, hands-free tilt for typing, watching, or drawing. *Id*. Magnets hold the device in place to the stand. *Id.*; *see also id.* at 6.  *Id.* at 2. **<u>PadPillow</u>**  PadPillow at 1. PadPillow discloses that the tablet-holder is "[a] soft, huggable pillow" which "lets you rest any generation of your iPad on your lap or stomach," and can be adjusted for the floor, a chair, or lying in bed. *Id.* at 2.

Asserted Claims	Citations to Prior Art
	Baek Baek is directed to a "viewing angle control sheet" which enables viewing of a surface at a viewing angle of 40 degrees or more, depending on the incline from the ground (i.e. 20 degrees inclination from the ground or less enables a viewing angle of 40 degrees or more). Baek at Abstract. **Hong** Hong discloses a pillow for use for a tablet computer. Hong describes the shape of the pillow, where one side of the pillow is a triangular prism, and the other side is an inclined surface. Hong at Design Features. Hong discloses that the pillow has the feature of "plac[ing] the tablet computer against one face of the triangular prism" and "[a] strip of coarse material . . . provided at the end of the inclined surface to prevent the tablet computer from sliding off." *Id.*  **Huang** Huang discloses a tablet support pad that can support a tablet at a desired viewing angle. Huang at Abstract. Huang discloses that "The bearing surface and the bottom surface are maintained at an oblique angle relative to each other. The bearing surface features a receiving groove, the transverse width of which is relatively greater than its longitudinal width, allowing a tablet computer to be placed horizontally into the receiving groove. At a location in the receiving groove near the rear side, there is a pillow portion that protrudes from the bearing surface. When the tablet computer is placed vertically in the receiving groove, the pillow portion can be used to elevate the tablet computer's tilt angle to reduce glare." *Id.* at 4. "When the tablet computer 30 is placed vertically in the receiving groove (see "Fig. 3"), the pillow portion 151 can be used to elevate the tilt angle

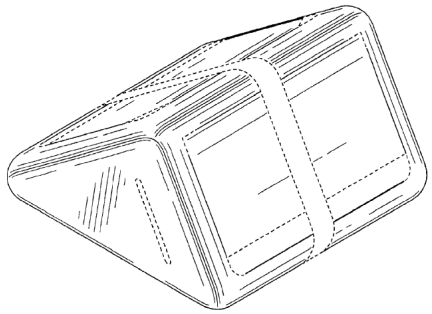
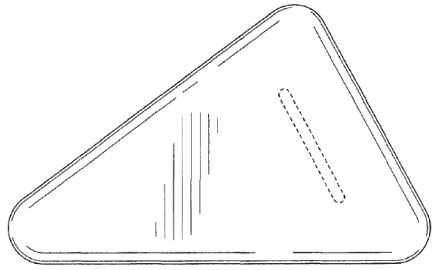
Asserted Claims	Citations to Prior Art
	of the tablet computer 30, which can address the issue of screen glare on the tablet computer 30." *Id.* at 5. **Barcalo** Barcalo discloses pillows or cushions to support books or magazines "adjustably" for convenient reading positions. Barcalo at 1:1-4. The support can be used at "varied inclinations" which are "convenient for reading." **Dean** Dean discloses a triangular portable support for maintaining objects in an upright manner. Dean at Abstract. "The support is generally triangular cross section . . . and provided with plural raised projections near each apex." *Id*.; *see also id.* at Fig. 1. **Radtke** Radtke discloses "[a] stand or supporting books, magazines, pamphlets or other reading material . . . having triangular side pieces serving as braces with lateral base strips forming a stabilized bottom." Radtke at Abstract. **Lin** Lin discloses a "one-piece support stand . . . for slantingly supporting an object on a work surface, and the support stand includes a central folding line for dividing the support stand into a left support panel and a right support panel interconnected with each other, and each of the support panels being substantially in a triangular shape and having a bottom edge and a bevel edge, and an inverted hook portion being formed at an intersection of the bottom edge and the bevel edge and bent towards the bevel edge . . . the two bevel edges and the two inverted hook portions being provided for supporting the object." Lin at Abstract; *see also id.* at 1:44-57. Lin summarizes this shape as "substantially in a triangular shape, and both interconnected support panels are provided for slantingly supporting an object on a work surface." *Id.* at 2:1-4. This is described in detail in the below Fig. 4.

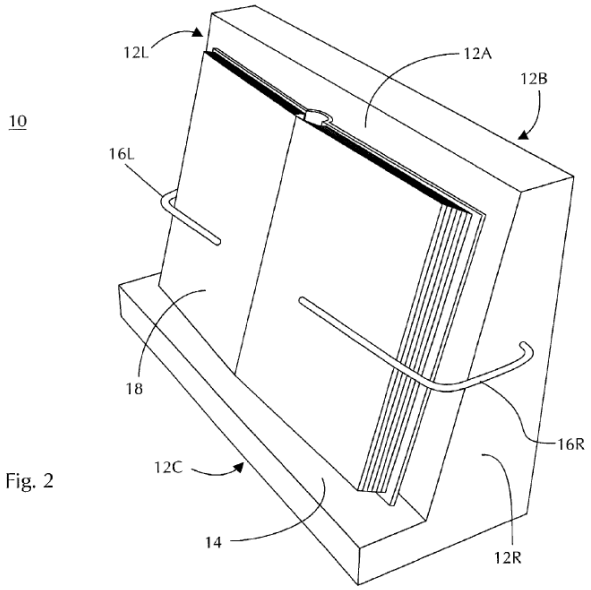
Asserted Claims	Citations to Prior Art
	 FIG.4 The support panels are demonstrated at **11** and **12**. The left bevel edge **112** and right bevel edge **122** end in inverted hook portions **113** and **123** for supporting the object **100** (demonstrated in Fig. 6, below). *See generally id.* at cols. 2-4; *see also id.* at 3:3-9; 3:25-44. **Diebel 2011** Diebel 2011 discloses a foldable cover with panels or sections and hinges that allow the cover to be folded into a stand for an electronic tablet or other electric device. Diebel 2011 at Abstract; 1:59-61; *see also id.* at 5:4-14 (listing numerous media devices which may be used with the disclosures of the patent). A configuration achievable by the foldable cover is a triangular cross-sectional shape. *Id.* at 6:32-33; 6:35-37.

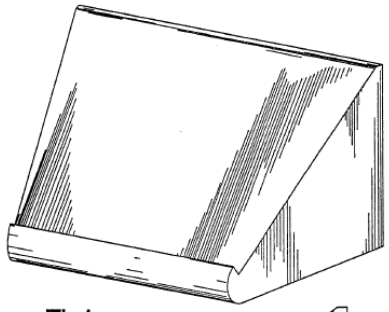
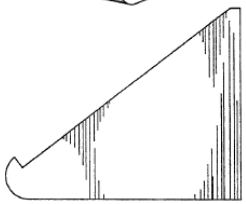
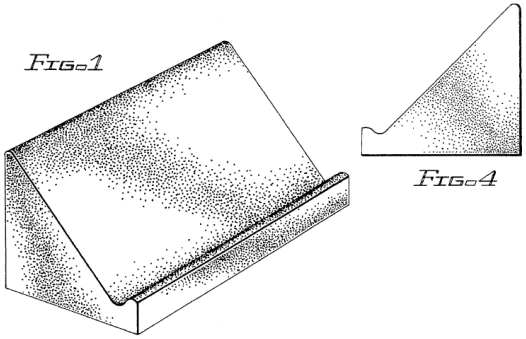
Asserted Claims	Citations to Prior Art
	 FIG. 5A FIG. 5B FIG. 5C *Id.* at Figs. 5A–5C (depicting triangular stand providing different angles); 8:14-60 (Figs. 5A, 5B, and 5C depicting angles from the table of about 15 degrees, 30 degrees, and 60 degrees, respectively, allowing for typing on the device, with 60 degrees regarded as a "viewing angle"); *see also* Fig. 10 (perspective of stand at viewing angle, 60 degrees). **Diebel 2013** Diebel 2013 discloses a cover for a portable electronic device, such as a tablet computer, which "includes a plurality of panel sections and a plurality of hinges" to be "folded along the hinges to act as stand for the portable electronic device." Diebel 2013 at Abstract. Using the foldable hinges, the "stand can support the device in various working and viewing angles, for both portrait and landscape orientations." *Id.* at Abstract. **Klepar 2014** Klepar 2014 discloses a duel-positioning tablet pillow stand. Some illustrative, non-limiting figures from the patent are set forth below.

Asserted Claims	Citations to Prior Art
	 Fig. 1 Fig. 1 is a perspective view of a dual-positioning tablet pillow stand supporting an image display device in a first viewing position, in accordance with the claimed design.  Fig. 4 Fig. 4 is perspective view of the dual-positioning tablet pillow stand of Fig. 1 support an image display device in a second viewing position, in accordance with the claimed design. **Padilla 2013**

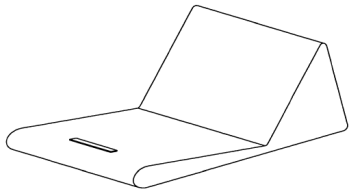
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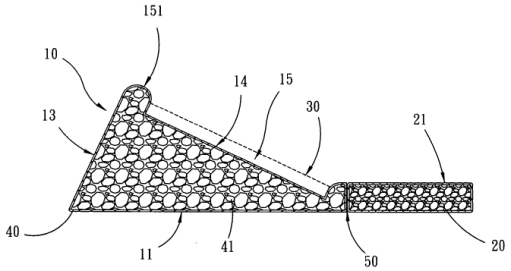
Asserted Claims	Citations to Prior Art
	Padilla 2013 discloses an ornamental tablet stand. Illustrative, non-limiting examples are set forth below.  FIG. 2 Fig. 2 is a perspective view of the tablet stand.  FIG. 6 Fig. 6 is a side view of one side thereof. **Halpin**

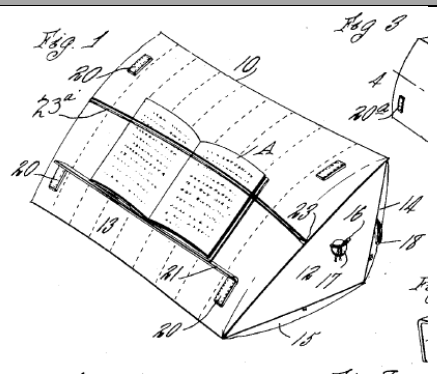
Asserted Claims	Citations to Prior Art
	Halpin discloses a "book-holding device constructed from a block of semi-rigid foam, including a cut-out which forms a frontal ledge." Halpin at Abstract; [0002], [0027], [0029]. The structure is pliable allowing for books of a variety of sizes and thickness to fit within the book holder. *Id.* at [0027].  Fig. 2 **Ure** Ure discloses a "portable book stand" "adapted for attachment to the back of a pew, bench, chair, or similar item, as well as free-standing use on a flat surface such as a table." Ure at Abstract; *see also id.* at 1:4-7. **Falter** Falter discloses a triangular lap desk with an edge.

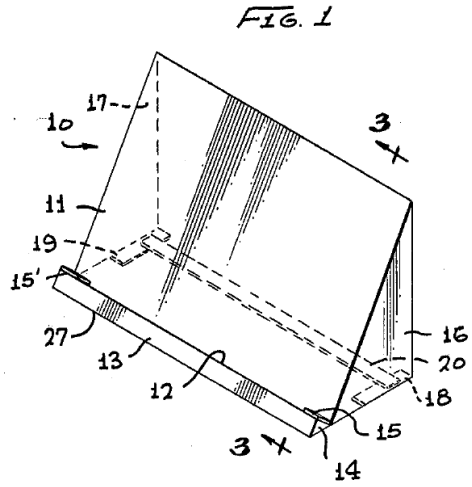
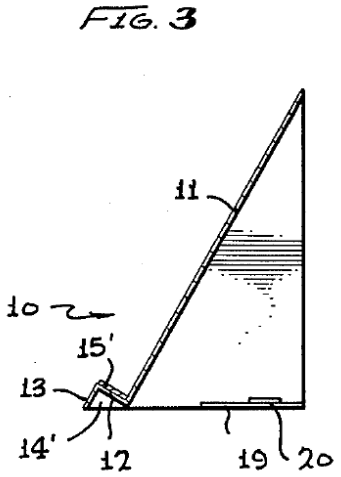
Asserted Claims	Citations to Prior Art
	 Fig.1  Fig.2 **Tubbs** Tubbs discloses a triangular reading stand with a ledge.  FIG. 1 FIG. 4 **Padilla 2014** Padilla 2014 discloses a "case for a tablet computer" that is "configurable to several positions" where "[a]t each position, the tablet computer may be supported in a variety of angles." Padilla 2014 at Abstract; [0001]; [0003] ("at least two standing positions"); [0007]. Padilla 2014 discloses that "[i]n a low stand position, the case provides support

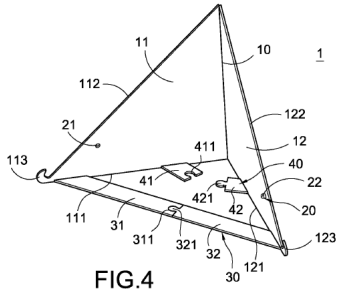
Asserted Claims	Citations to Prior Art
	and optimal viewing angles for activities such as typing on the tablet computer. In a high loft position, the tablet computer is raised to eye level for ergonomic comfort and ease of use for activities such as viewing videos on the tablet." *Id.* at Abstract; *see also id.* at [0008], [0021]. Padilla 2014 further discloses that the case has mechanisms to allow it to be "configurable" and which "provide stability." *Id.* at Abstract; [0021].
[20.a] three support sides, each support side comprising a back support and an edge support,	**Cannon** The apparatus disclosed in Cannon has multiple viewing angle media support, which includes three support sides, and where each support side includes a back support and an edge support. *Id.* at Abstract, [0004]; *see* Fig. 1. **Preece** Preece discloses that the "device can be supported in both landscape or portrait mode." *Id.* at Abstract, 1.  *Id.* at 5. **PadPillow**

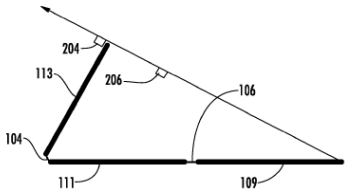
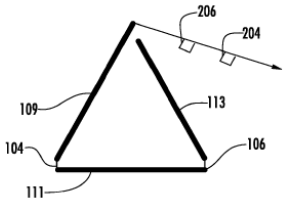
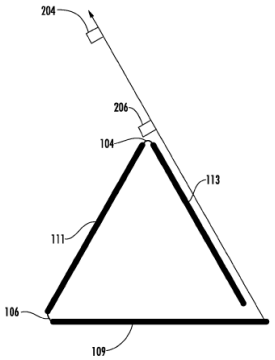
Asserted Claims	Citations to Prior Art
	 PadPillow at 1. PadPillow discloses that the tablet-holder is "[a] soft, huggable pillow" which "lets you rest any generation of your iPad on your lap or stomach," and can be adjusted for the floor, a chair, or lying in bed. *Id.* at 2. When the sections of the tablet-holder are folded together, as pictured above, the raised leather label "acts as a simple stopper" for the iPad, which "rests at an ideal angle for all . . . multimedia applications." *Id.* **Hong** Hong discloses a pillow for use for a tablet computer. Hong describes the shape of the pillow, where one side of the pillow is a triangular prism, and the other side is an inclined surface. Hong at Design Features. Hong discloses that the pillow has the feature of "plac[ing] the tablet computer against one face of the triangular prism" and "[a] strip of coarse material . . . provided at the end of the inclined surface to prevent the tablet computer from sliding off." *Id.*  **Huang**

Asserted Claims	Citations to Prior Art
	The tablet is based on the bearing surface (14) which extends rearward and upward along the longitudinal direction of the front side surface (12), toward the rear side surface (13), such that the rear side surface and the bearing surface are at an oblique angle. *See also* Fig. 2 (below).  第2圖 **<u>Barcalo</u>** Barcalo discloses a pillow for use of propping materials for reading which is triangular in shape. "The ends 12 of the case or sack are triangular in shape, being preferably obtuse angled triangles . . . [with] the triangular ends . . . connected by rectangular faces 13, 14 and 15. Such a pillow is, therefore, triangular in transverse cross section. The edges of the triangular ends are preferably nearly, but not equal in length, and all the angles of the triangle also are preferably unequal, so that when the pillow is supported upon different side faces, the other side faces will make different inclinations to the supporting surface." *Id.* at 1:79-91. *See, e.g.*, Fig. 1.

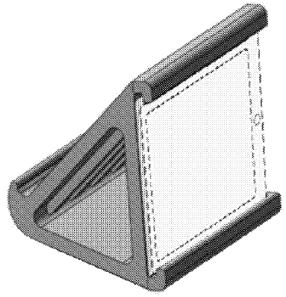
Asserted Claims	Citations to Prior Art
	 Figure 5 shows an end elevation of the pillow in Figs. 1-4, showing the small pockets on all three faces.  Barcalo further discloses that "[a] bar 21 serves as the rest and is provided with depending angular feet 22 which are received in the pockets 20 along either side edge of a side face of the pillow, as shown in Fig. 1. The bar or rest 21 thus forms a flange or ledge extending away from the side face of the pillow against which it is placed, and holds a book or magazine or other article A, that may rest upon this inclined face of the pillow, from sliding down this inclined face. For example, in Fig. 1, this rest or bar 21 is adjacent the lower edge portion of the face 13 when the pillow is resting upon the side face 15" (see above). *Id.* at 2:32-44. **Radtke**

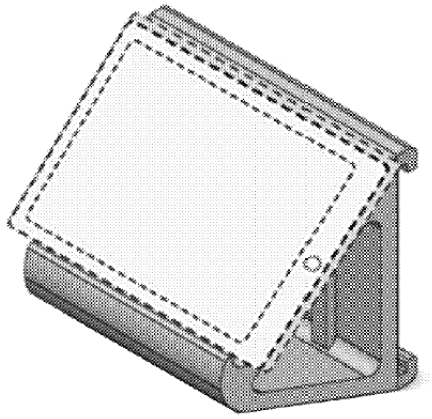
Asserted Claims	Citations to Prior Art
	Radtke discloses that "[t]he front or lower edge or back member includes a forwardly angled lip on which the book or other reading material rests and further includes a downwardly angled front support member engaging the support surface for stabilizing the lip." *Id.*; *see also id.* at 1:36-48; 1:63-68 ("[a] further object of the present invention is to provide a novel book stand which is portable and comprises a rearwardly sloping or angled back member having a reinforced lip at its lower end and lateral brace means on opposite sides thereof as well as a base support means to rigidize the construction.").   The back member **11** supports the back of the reading material, and extends or slopes rearwardly from the front of the device. The lower end of the back member **11** forms a lip **12** which slopes forwardly from the back member at an angle "so as to support the bottom of the reading material." *Id.* at 2:30-37. The lip **12** is supported by a forward element **13** which includes triangular pieces **14** on each side of the lip or tray like construction. Reinforcing tabs **15** are also provided adjacent to each of the triangular section **15.** *Id.* at 2:37-41. "[I]t can be seen that the combined structure of the angled lip **12** and the sloping back member **11** serves as a tray like support for the reading material carried therein. The reading material is at a preferred and predetermined angle with respect to the viewers eye so that the reading procedure is augmented." *Id.* at 2:56-61.

Asserted Claims	Citations to Prior Art
	Lin Lin summarizes this shape as "substantially in a triangular shape, and both interconnected support panels are provided for slantingly supporting an object on a work surface." *Id.* at 2:1-4. This is described in detail in the below Fig. 4.  FIG.4 The support panels are demonstrated at **11** and **12**. The left bevel edge **112** and right bevel edge **122** end in inverted hook portions **113** and **123** for supporting the object **100** (demonstrated in Fig. 6, below). *See generally id.* at cols. 2-4; *see also id.* at 3:3-9; 3:25-44. **Diebel 2011** Diebel 2011 discloses a specific implementation where each panel is approximately the same length, forming an equilateral trial, and the angle provided is about 60 degrees. *Id.* at 6:47-50. The angle from the table can be varied in a range from about 15 degrees to about 60 degrees by adjusting the length of panel 113 and position of bump 204 (*see* Fig 5B, above). *Id.* at 8:47-50.

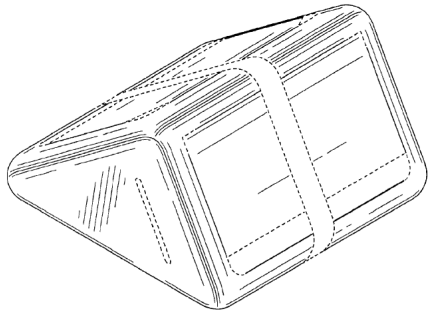
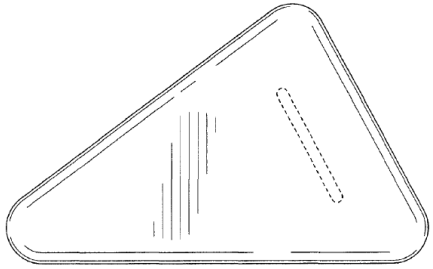
Asserted Claims	Citations to Prior Art
	 FIG. 5E  FIG. 5D  FIG. 5F *See id.* at Figs. 5D–5E (depicting cross-sectional views of Figs. 5A, B, and C, respectively, as viewed from the left side of the case). The internal angle is about 60 degrees and is regarded as useful for "viewing media (e.g., watching a movie) on an electronic tablet)" and can be adjusted to more or less than 60 degrees by lengthening or shortening the panel. *Id.* at 8:64-9:4. This angle can be varied in a range from about 30 degrees to 75 degrees. *Id.* at 9:5-6. "In various implementations of a case according to the invention, there can be more angles (e.g., more than three different angles) than described here, and different angles (e.g., 8, 20, 35, 40, 50, 55, 65 degrees, and others)" but varying the number of bumps, panels, and hinges. *Id.* at 9:7-17. **Diebel 2013**

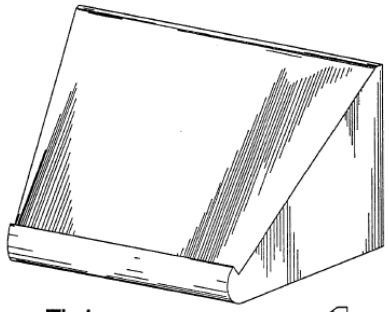
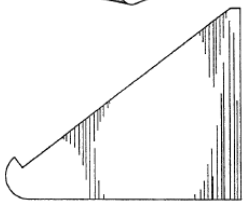
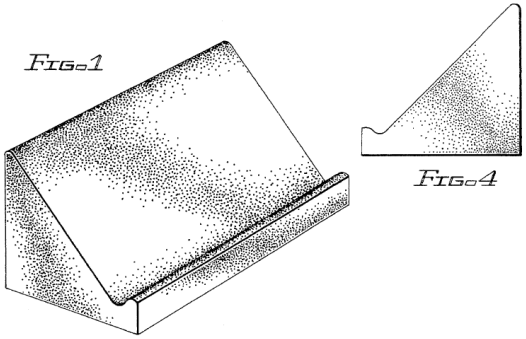
Asserted Claims	Citations to Prior Art
	Diebel discloses that the stand "permits the user to interface with the electronic device housed in the case at different viewing and working angles." *Id.* at 1:59-61. A feature disclosed of the invention is "the ability to stand in a portrait orientation at a working angle" "permit[ting] the user to interact with certain websites and applications that may only be available in portrait orientation." *Id.* at 1:61-65. Diebel discloses that "When using the portable electronic device, a person would at different times need to hold or set the electronic device onto a surface to work on. When the electronic device is set on a surface, it is difficult to view the electronic device if it is laying flush on top of a table. Also, for electronic devices that allow the person to input into the electronic device, it is difficult for a person to manipulate the electronic device if it is flush on a table. Thus, the device allows the person to manipulate the positioning of the electronic device when placed on a table (or on the user's lap) and adjust the angle when the electronic device is positioned with respect to the table, to allow easier viewing and working access to the electronic device." *Id.* at 5:17-22. The front cover can be folded and positioned in various orientations to achieve multiple viewing angles: (a) a first working angle; (2) a second working angle; (3) a third working angle; (4) a first viewing angle; (5) a fourth working angle; and (6) a second viewing angle. *Id.* at 5:57-67. These are listed in Table A, and described further in the specification as well. TABLE A Stand Position | Angle Name | Angles (Degrees) | Angle Range (Degrees) 1 | First working angle | 8, 9, 10 | 7-12 2 | Second working angle | 31, 32, 33 | 30-38 3 | Third working angle | 41, 42, 43 | 40-48 4 | First viewing angle | 45, 46, 47 | 43-50 5 | Fourth working angle | 24, 25, 26 | 20-30 6 | Second viewing angle | 74, 75, 76 | 70-80

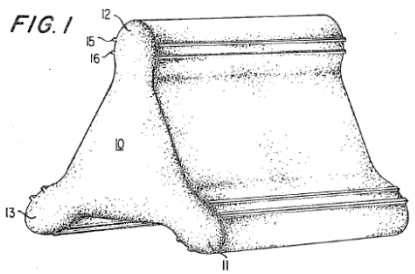
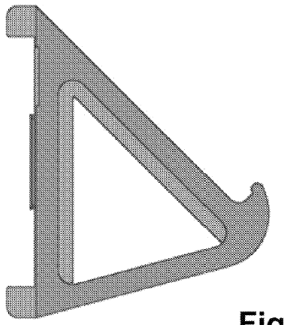
Asserted Claims	Citations to Prior Art
	Diebel 2013 discloses that "[w]hen the front cover is opened, folded under the back cover to lie flat, and the back cover is angled in a first position (first working angle, about 7 to 12 degrees) a side view will be triangular in shape." *Id.* at 2:15-18. Diebel discloses a second working angle from about 30 to 38 degrees (*id.* at 2:29-30), a third working angle from about 40 to 48 degrees (*id.* at 2:39-40), and a fourth working angle from about 20 to 30 degrees (*id.* at 2:60-61). *See also id.* at Figs. 2, 3A-3B, 4A-4B, 6A-6B; 6:40-64; 7:8-21. One figure is reproduced below for context. Diebel discloses a first viewing angle from about 43 to 50 degrees (*id.* at 2:47-48), and a second viewing angle from about 170 to 180 degrees (*id.* at 2:66-67). *See also id.* at Figs. 5A-5B, 7A-7D; 6:65-7:7; 7:22-29. Figures 3B is illustrative of the second working angles. **Klepar 2014** Klepar 2014 discloses a duel-positioning tablet pillow stand. Some illustrative, non-limiting figures from the patent are set forth below.  **Fig. 1** Fig. 1 is a perspective view of a dual-positioning tablet pillow stand supporting an image display device in a first viewing position, in accordance with the claimed design.

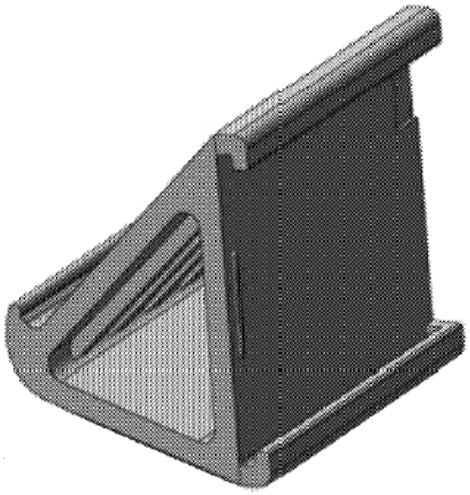
Asserted Claims	Citations to Prior Art
	 Fig. 4 Fig. 4 is perspective view of the dual-positioning tablet pillow stand of Fig. 1 support an image display device in a second viewing position, in accordance with the claimed design. **Padilla 2013** Padilla 2013 discloses an ornamental tablet stand. Illustrative, non-limiting examples are set forth below.

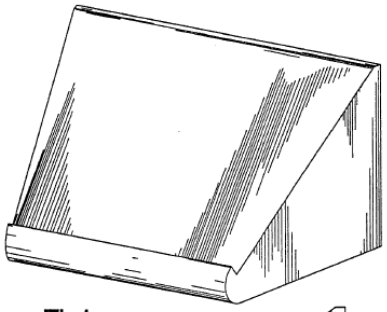
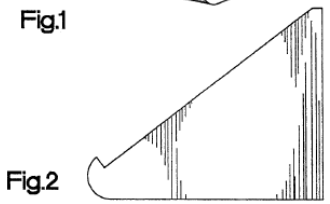
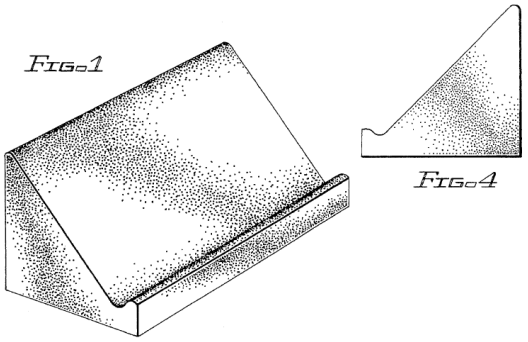
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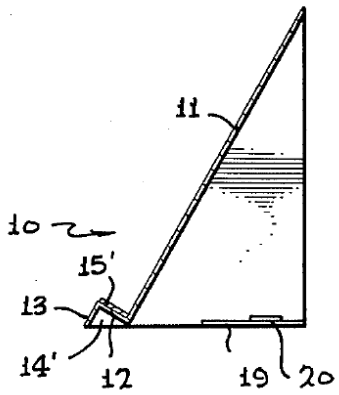
Asserted Claims	Citations to Prior Art
	 FIG. 2 Fig. 2 is a perspective view of the tablet stand.  FIG. 6 Fig. 6 is a side view of one side thereof. **Falter** Falter discloses a triangular lap desk with an edge.

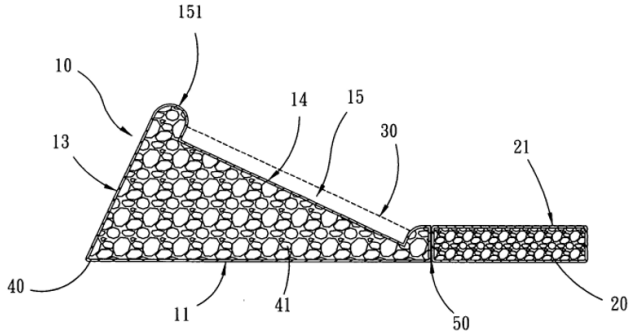
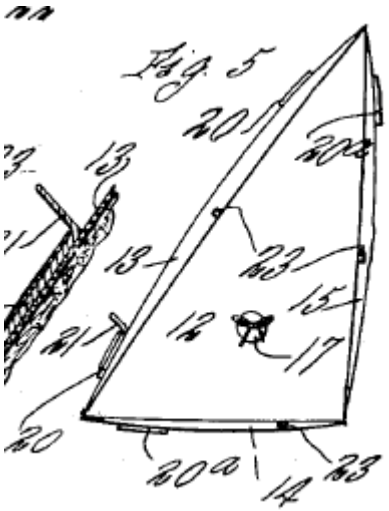
Asserted Claims	Citations to Prior Art
	 Fig.1  Fig.2 **Tubbs** Tubbs discloses a triangular reading stand with a ledge.  FIG. 1 FIG. 4
[20.b] wherein a top of each back support is in physical communication with an adjacent edge support clockwise about a central axis and each back support and	**Cannon** Cannon discloses that the support sides **155** of the multiple viewing angle media support may be disposed about a central axis **125**. *Id.* at [0016]; *see also id.* at [0004]. Cannon discloses that the top of each back support **105** is in communication with an adjacent edge

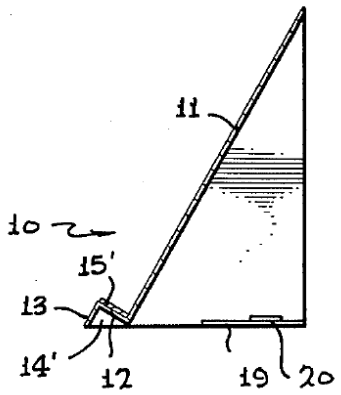
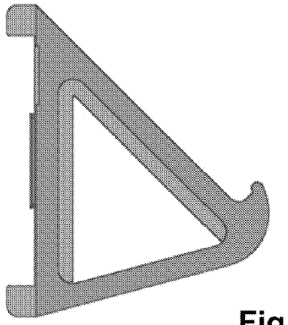
Asserted Claims	Citations to Prior Art
each edge support is in physical communication with two ends,	support **100** about the central axis **125** as shown in Fig. 2. *Id.* at [0021]; *see also id.* at [0004]. Cannon further discloses that in one embodiment, each back support **105** and each edge support **110** is a surface of a solid. The solid media surface support **100** may have one or more ends **165.** In addition, the solid media support **100** may be a pillow. *Id.* at [0019]. **Dean**  *See also*, Barcalo, Klepar 2013, Klepar 2014, Falter, Halpin, Radtke.  **Fig. 7** (Klepar 2014)

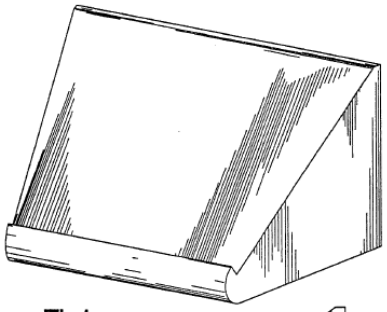
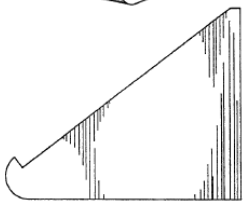
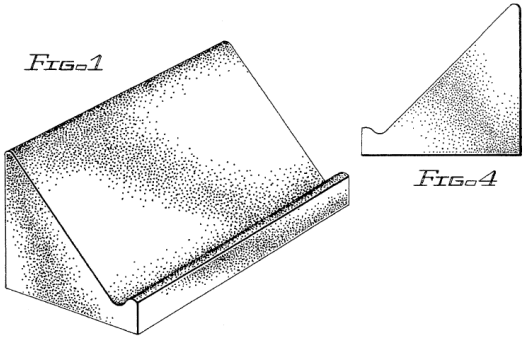
Asserted Claims	Citations to Prior Art
	 (Barcalo)  Fig. 2 (Klepar 2013)

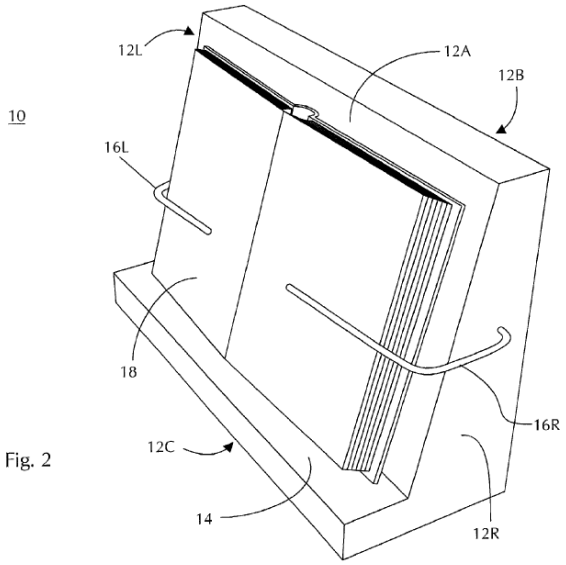
Asserted Claims	Citations to Prior Art
	 Fig.1  Fig.2 (Falter)  FIG. 1 FIG. 4 (Halpin)

Asserted Claims	Citations to Prior Art
	FIG. 3  (Radtke)
[20.c] wherein each edge support comprises an edge support width with an edge angle to an adjacent back support in the range of 85 to 120 degrees to an adjacent back support,	It would be the routine work of the POSA to measure the width and angle of the edge support. As shown below, the prior art disclosed edge angles within 85 to 120 degrees, and taught that the width should be stable enough to hold the media disposed on it, and the POSA would know an element of which is thickness (width). **Cannon** Cannon discloses each edge support **110** may have an edge support width **135**. Cannon discloses each edge support **110** forms an edge angle **140** with an adjacent back support **105**. The edge angle **140** may be in the range of 85 to 120 degrees. *Id.* at [0024]. **Huang**

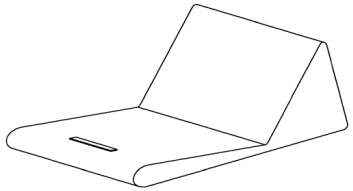
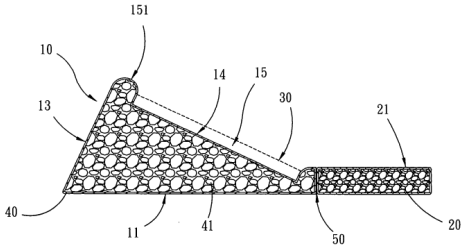
Asserted Claims	Citations to Prior Art
	 第2圖 **Barcalo**  **Radtke**

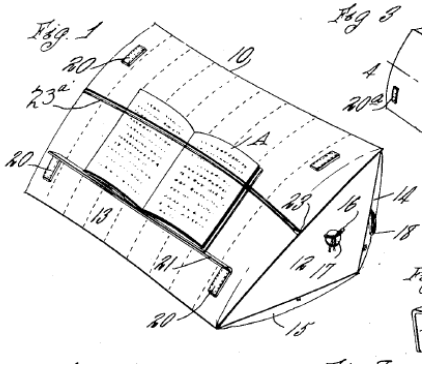
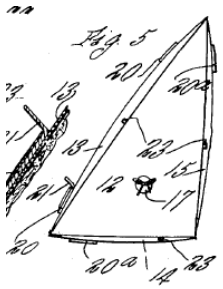
Asserted Claims	Citations to Prior Art
	FIG. 3  **Klepar 2014**  Fig. 7 **Falter** Falter discloses a triangular lap desk with an edge.

Asserted Claims	Citations to Prior Art
	 Fig.1  Fig.2 **Tubbs** Tubbs discloses a triangular reading stand with a ledge.  FIG. 1 FIG. 4 **Halpin**

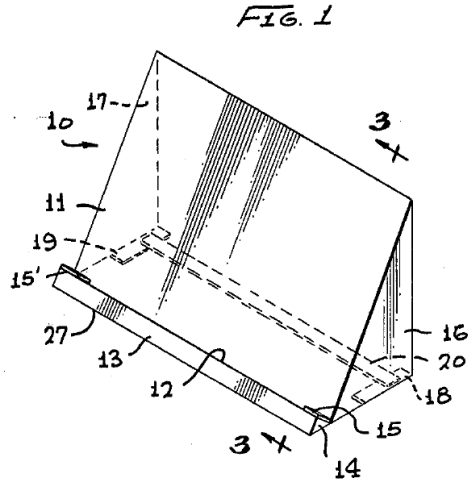
Asserted Claims	Citations to Prior Art
	 Fig. 2 **Preece** Preece discloses an iPad stand "is constructed of closed-cell Polyethylene or Ethylene Vinyl Acetate (EVA) foam, giving it a non-slip surface that will not scratch the device, is comfortable on both the arms and thighs, and will not be cold, even on bare skin such as the thighs unlike the device itself." *Id.* at Abstract, 1. **Hong** Hong discloses that the pillow has the feature of "plac[ing] the tablet computer against one face of the triangular prism" and "[a] strip of coarse material . . . provided at the end of the inclined surface to prevent the tablet computer from sliding off." Hong at Design Features.

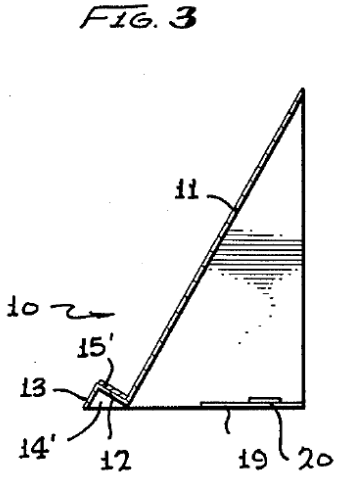
Asserted Claims	Citations to Prior Art
	Barcalo Specific benefits of the pillow include stability when positioned on the lap and softness which will prevent slipping. *Id.* at 3:56-61. **Dean** Dean discloses that these regions assist in preventing slipping of the object (e.g. cards) propped against the supportive member **10** by having projections **15** and **16** to engage the cards. **Halpin** Halpin discloses a structure that is pliable allowing for books of a variety of sizes and thickness to fit within the book holder. Halpin at [0027].
[20.d] wherein a face of each edge support width is oriented clockwise about the central axis,	**Cannon** Cannon discloses the face of each edge support width as oriented clockwise about the central axis. *See* Cannon at Fig. 2, [0004]. **PadPillow**  PadPillow at 1. PadPillow discloses that the tablet-holder is "[a] soft, huggable pillow" which "lets you rest any generation of your iPad on your lap or stomach," and can be adjusted for the floor, a chair, or lying in bed. *Id.* at 2.

Asserted Claims	Citations to Prior Art
	Hong Hong discloses a pillow for use for a tablet computer. Hong describes the shape of the pillow, where one side of the pillow is a triangular prism, and the other side is an inclined surface. Hong at Design Features. Hong discloses that the pillow has the feature of "plac[ing] the tablet computer against one face of the triangular prism" and "[a] strip of coarse material . . . provided at the end of the inclined surface to prevent the tablet computer from sliding off." *Id.*  **Huang** The tablet is based on the bearing surface (14) which extends rearward and upward along the longitudinal direction of the front side surface (12), toward the rear side surface (13), such that the rear side surface and the bearing surface are at an oblique angle. *See also* Fig. 2 (below).  第2圖 **Barcalo** Barcalo discloses a pillow for use of propping materials for reading which is triangular in shape. "The ends 12 of the case or sack are triangular in shape, being preferably obtuse

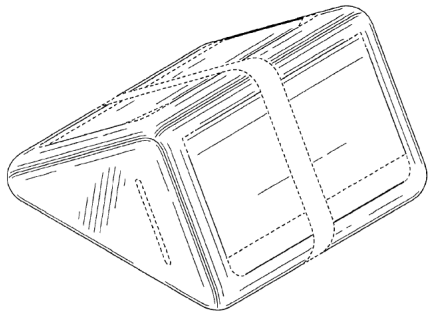
Asserted Claims	Citations to Prior Art
	angled triangles . . . [with] the triangular ends . . . connected by rectangular faces 13, 14 and 15. Such a pillow is, therefore, triangular in transverse cross section. The edges of the triangular ends are preferably nearly, but not equal in length, and all the angles of the triangle also are preferably unequal, so that when the pillow is supported upon different side faces, the other side faces will make different inclinations to the supporting surface." *Id.* at 1:79-91. *See, e.g.*, Fig. 1.  Figure 5 shows an end elevation of the pillow in Figs. 1-4, showing the small pockets on all three faces.  Barcalo further discloses that "[a] bar 21 serves as the rest and is provided with depending angular feet 22 which are received in the pockets 20 along either side edge of a side face of the pillow, as shown in Fig. 1. The bar or rest 21 thus forms a flange or ledge extending away from the side face of the pillow against which it is placed, and holds a book or

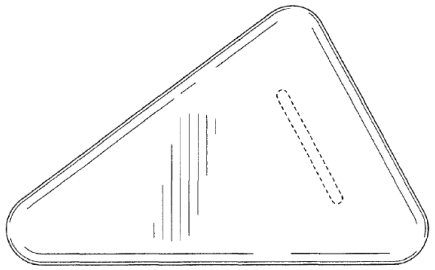
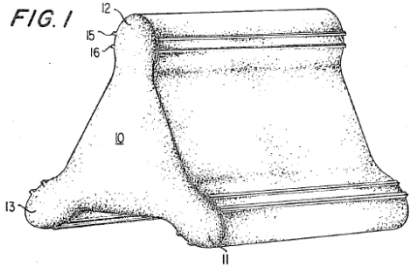
Asserted Claims	Citations to Prior Art
	magazine or other article A, that may rest upon this inclined face of the pillow, from sliding down this inclined face. For example, in Fig. 1, this rest or bar 21 is adjacent the lower edge portion of the face 13 when the pillow is resting upon the side face 15" (see above). *Id.* at 2:32-44. **Radtke** Radtke discloses that "[t]he front or lower edge or back member includes a forwardly angled lip on which the book or other reading material rests and further includes a downwardly angled front support member engaging the support surface for stabilizing the lip." *Id.*; *see also id.* at 1:36-48; 1:63-68 ("[a] further object of the present invention is to provide a novel book stand which is portable and comprises a rearwardly sloping or angled back member having a reinforced lip at its lower end and lateral brace means on opposite sides thereof as well as a base support means to rigidize the construction.").

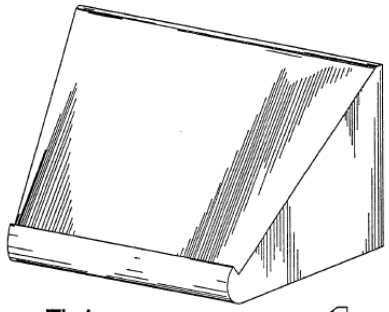
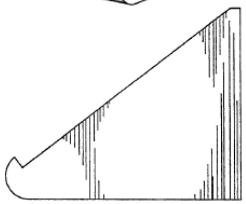
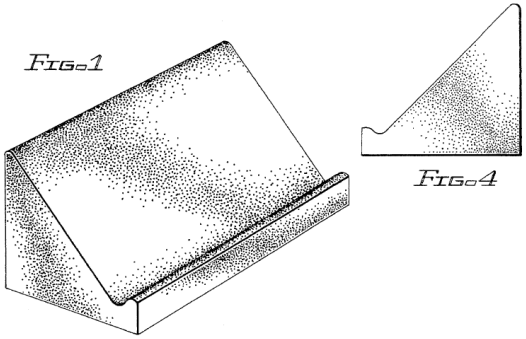




The back member **11** supports the back of the reading material, and extends or slopes rearwardly from the front of the device. The lower end of the back member **11** forms a lip **12** which slopes forwardly from the back member at an angle "so as to support the bottom of the reading material." *Id.* at 2:30-37. The lip **12** is supported by a forward

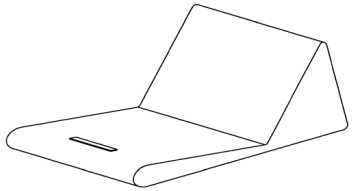
Asserted Claims	Citations to Prior Art
	element **13** which includes triangular pieces **14** on each side of the lip or tray like construction. Reinforcing tabs **15** are also provided adjacent to each of the triangular section **15.** *Id.* at 2:37-41. "[I]t can be seen that the combined structure of the angled lip **12** and the sloping back member **11** serves as a tray like support for the reading material carried therein. The reading material is at a preferred and predetermined angle with respect to the viewers eye so that the reading procedure is augmented." *Id.* at 2:56-61. **Padilla 2013** Padilla 2013 discloses an ornamental tablet stand. Illustrative, non-limiting examples are set forth below.  FIG. 2 Fig. 2 is a perspective view of the tablet stand.

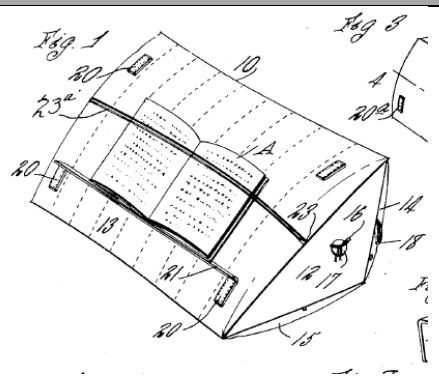
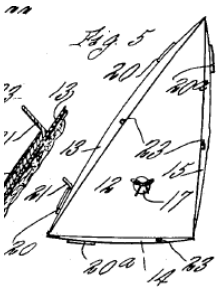
Asserted Claims	Citations to Prior Art
	 FIG. 6 Fig. 6 is a side view of one side thereof. **Dean**  **Falter** Falter discloses a triangular lap desk with an edge.

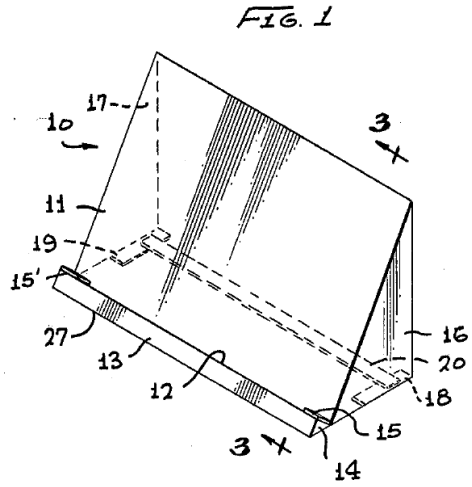
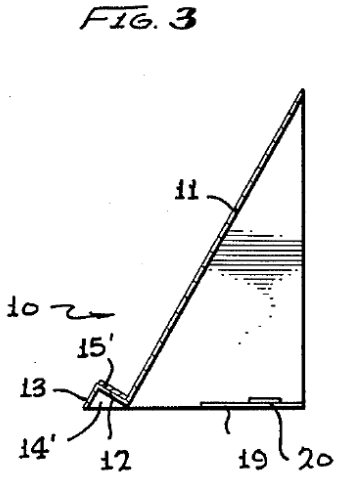
Asserted Claims	Citations to Prior Art
	 Fig.1  Fig.2 **Tubbs** Tubbs discloses a triangular reading stand with a ledge.  FIG. 1 FIG. 4
[20.e.i] wherein a plane of a first back support is at a first plane angle to a second virtual plane between the top of a second back support counterclockwise to the first back support and an outer edge	**Cannon** Cannon discloses a plane of a first back support at a first plane angle to a second virtual plane between the top of a second back support counterclockwise to the first back support and an outer edge of a second edge support counterclockwise to the first back support. *Id.* at [0004], [0021] ("A plane of a first back support **105*a*** in a range of 50 to 60 degrees

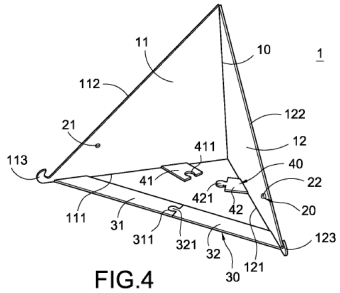
Asserted Claims	Citations to Prior Art
of a second edge support counterclockwise to the first back support,	to a second virtual plane **130*b*** between the top of a second back support **105*b*** counterclockwise to the first back support **105*a*** and an outer edge of a seconded edge support **110*b*** counterclockwise to the first back support **105*a***"). Cannon further discloses that the arrangement of the longitudinal lengths **115** and the plane angles **120** generate three distinct viewing angles **160.** *Id.* at [0023]. **Preece** Preece discloses that the "device can be supported in both landscape or portrait mode." *Id.* at Abstract, 1.  *Id.* at 5. **PadPillow** 

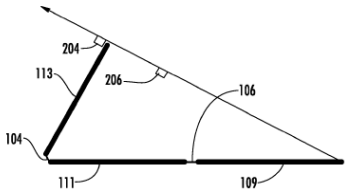
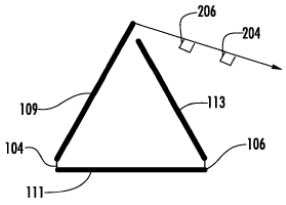
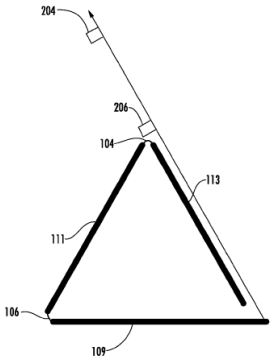
Asserted Claims	Citations to Prior Art
	PadPillow at 1. PadPillow discloses that the tablet-holder is "[a] soft, huggable pillow" which "lets you rest any generation of your iPad on your lap or stomach," and can be adjusted for the floor, a chair, or lying in bed. *Id.* at 2. **Baek** Baek discloses that "[t]he present invention provides a viewing angle control sheet that enables clear viewing of the display device from a side angle." *Id.* at [0006]. In one embodiment, this is achieved by "a sheet base and a prism portion formed on the sheet base. . . . [T]he prism portion includes prism patterns having different refractive indices, and a refractive index between the prism patterns is implemented in a range of 0.08 to 0.31, thereby achieving a viewing angle of 40 degrees or greater when the display device is arranged at an inclination angle of 20 degrees or less relatively to the ground." *Id.* at [0008]. In another embodiment, "a viewing angle control sheet formed on a display device includes a sheet base and a prism portion having a first prism pattern formed on the sheet base and a second prism pattern formed on the first prism pattern. Here, the refractive index difference between the prism patterns is implemented in a range of 0.08 to 0.31." *Id.* at [0009]. Baek further discloses that "When the viewing angle control sheet according to the present invention is formed on a display device and used, the viewing angle of the display device can be adjusted to a desired angle by using the viewing angle control sheet. As a result, a user can clearly view the screen of the display device from a desired position." *Id.* at [0010].; *see also id.* at Effect of Invention, generally. Baek specifically discloses an embodiment with a viewing angle of 49 degrees and 41 degrees (Figs. 12 and 13, [0062]-[0064], [0068]-[0070]). **Hong** Hong discloses a pillow for use for a tablet computer. Hong describes the shape of the pillow, where one side of the pillow is a triangular prism, and the other side is an inclined surface. Hong at Design Features. Hong discloses that the pillow has the feature of "plac[ing] the tablet computer against one face of the triangular prism" and "[a] strip of

Asserted Claims	Citations to Prior Art
	coarse material . . . provided at the end of the inclined surface to prevent the tablet computer from sliding off." *Id.*  **Huang** The tablet is based on the bearing surface (14) which extends rearward and upward along the longitudinal direction of the front side surface (12), toward the rear side surface (13), such that the rear side surface and the bearing surface are at an oblique angle. *See also* Fig. 2 (below). **Barcalo** Barcalo discloses a pillow for use of propping materials for reading which is triangular in shape. "The ends 12 of the case or sack are triangular in shape, being preferably obtuse angled triangles . . . [with] the triangular ends . . . connected by rectangular faces 13, 14 and 15. Such a pillow is, therefore, triangular in transverse cross section. The edges of the triangular ends are preferably nearly, but not equal in length, and all the angles of the triangle also are preferably unequal, so that when the pillow is supported upon different side faces, the other side faces will make different inclinations to the supporting surface." *Id.* at 1:79-91. *See, e.g.*, Fig. 1.

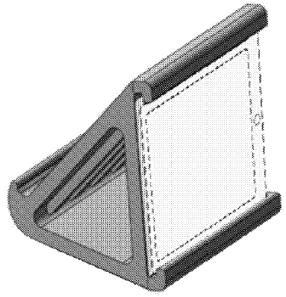
Asserted Claims	Citations to Prior Art
	 Figure 5 shows an end elevation of the pillow in Figs. 1-4, showing the small pockets on all three faces.  Barcalo further discloses that "[a] bar 21 serves as the rest and is provided with depending angular feet 22 which are received in the pockets 20 along either side edge of a side face of the pillow, as shown in Fig. 1. The bar or rest 21 thus forms a flange or ledge extending away from the side face of the pillow against which it is placed, and holds a book or magazine or other article A, that may rest upon this inclined face of the pillow, from sliding down this inclined face. For example, in Fig. 1, this rest or bar 21 is adjacent the lower edge portion of the face 13 when the pillow is resting upon the side face 15" (see above). *Id.* at 2:32-44. **<u>Radtke</u>**

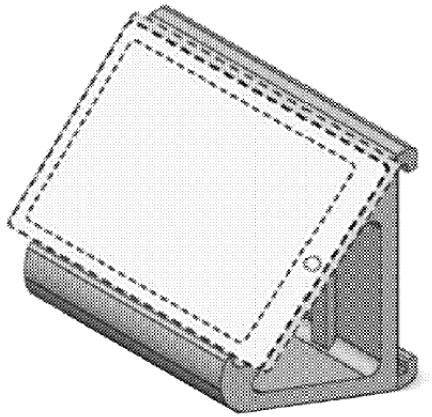
Asserted Claims	Citations to Prior Art
	Radtke discloses that "[t]he front or lower edge or back member includes a forwardly angled lip on which the book or other reading material rests and further includes a downwardly angled front support member engaging the support surface for stabilizing the lip." *Id.*; *see also id.* at 1:36-48; 1:63-68 ("[a] further object of the present invention is to provide a novel book stand which is portable and comprises a rearwardly sloping or angled back member having a reinforced lip at its lower end and lateral brace means on opposite sides thereof as well as a base support means to rigidize the construction.").   The back member **11** supports the back of the reading material, and extends or slopes rearwardly from the front of the device. The lower end of the back member **11** forms a lip **12** which slopes forwardly from the back member at an angle "so as to support the bottom of the reading material." *Id.* at 2:30-37. The lip **12** is supported by a forward element **13** which includes triangular pieces **14** on each side of the lip or tray like construction. Reinforcing tabs **15** are also provided adjacent to each of the triangular section **15.** *Id.* at 2:37-41. "[I]t can be seen that the combined structure of the angled lip **12** and the sloping back member **11** serves as a tray like support for the reading material carried therein. The reading material is at a preferred and predetermined angle with respect to the viewers eye so that the reading procedure is augmented." *Id.* at 2:56-61.

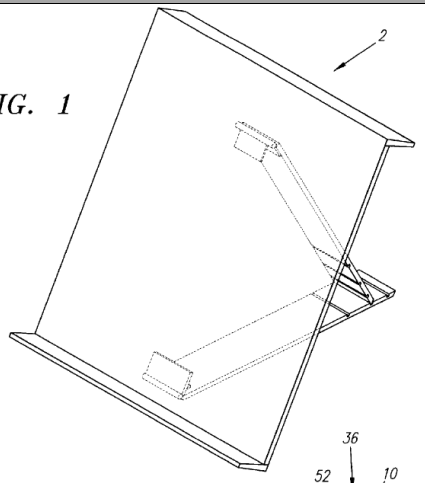
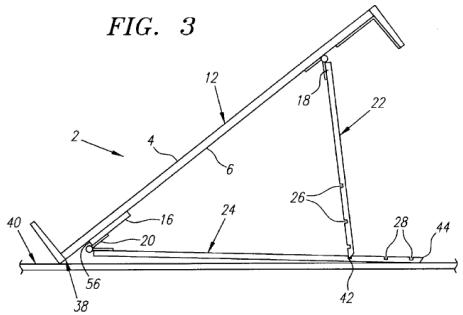
Asserted Claims	Citations to Prior Art
	Lin Lin summarizes this shape as "substantially in a triangular shape, and both interconnected support panels are provided for slantingly supporting an object on a work surface." *Id.* at 2:1-4. This is described in detail in the below Fig. 4.  FIG.4 The support panels are demonstrated at **11** and **12**. The left bevel edge **112** and right bevel edge **122** end in inverted hook portions **113** and **123** for supporting the object **100** (demonstrated in Fig. 6, below). *See generally id.* at cols. 2-4; *see also id.* at 3:3-9; 3:25-44. **Diebel 2011** Diebel 2011 discloses a specific implementation where each panel is approximately the same length, forming an equilateral trial, and the angle provided is about 60 degrees. *Id.* at 6:47-50. The angle from the table can be varied in a range from about 15 degrees to about 60 degrees by adjusting the length of panel 113 and position of bump 204 (*see* Fig 5B, above). *Id.* at 8:47-50.

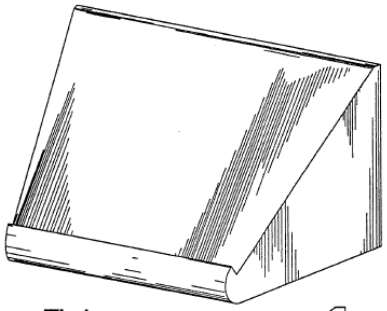
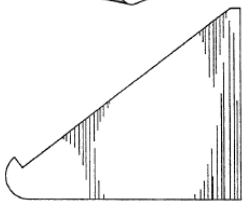
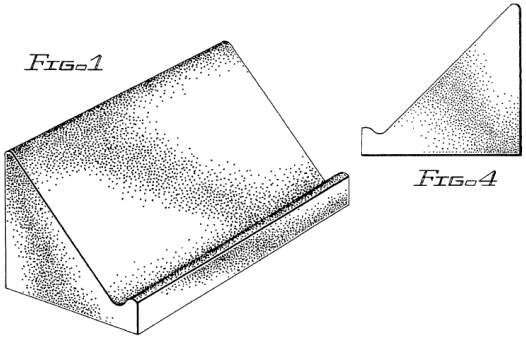
Asserted Claims	Citations to Prior Art
	 FIG. 5E  FIG. 5D  FIG. 5F *See id.* at Figs. 5D–5E (depicting cross-sectional views of Figs. 5A, B, and C, respectively, as viewed from the left side of the case). The internal angle is about 60 degrees and is regarded as useful for "viewing media (e.g., watching a movie) on an electronic tablet)" and can be adjusted to more or less than 60 degrees by lengthening or shortening the panel. *Id.* at 8:64-9:4. This angle can be varied in a range from about 30 degrees to 75 degrees. *Id.* at 9:5-6. "In various implementations of a case according to the invention, there can be more angles (e.g., more than three different angles) than described here, and different angles (e.g., 8, 20, 35, 40, 50, 55, 65 degrees, and others)" but varying the number of bumps, panels, and hinges. *Id.* at 9:7-17. **Diebel 2013**

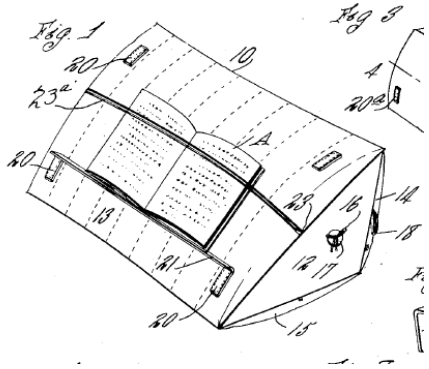
Asserted Claims	Citations to Prior Art
	Diebel discloses that the stand "permits the user to interface with the electronic device housed in the case at different viewing and working angles." *Id.* at 1:59-61. A feature disclosed of the invention is "the ability to stand in a portrait orientation at a working angle" "permit[ting] the user to interact with certain websites and applications that may only be available in portrait orientation." *Id.* at 1:61-65. Diebel discloses that "When using the portable electronic device, a person would at different times need to hold or set the electronic device onto a surface to work on. When the electronic device is set on a surface, it is difficult to view the electronic device if it is laying flush on top of a table. Also, for electronic devices that allow the person to input into the electronic device, it is difficult for a person to manipulate the electronic device if it is flush on a table. Thus, the device allows the person to manipulate the positioning of the electronic device when placed on a table (or on the user's lap) and adjust the angle when the electronic device is positioned with respect to the table, to allow easier viewing and working access to the electronic device." *Id.* at 5:17-22. The front cover can be folded and positioned in various orientations to achieve multiple viewing angles: (a) a first working angle; (2) a second working angle; (3) a third working angle; (4) a first viewing angle; (5) a fourth working angle; and (6) a second viewing angle. *Id.* at 5:57-67. These are listed in Table A, and described further in the specification as well. TABLE A Stand Position | Angle Name | Angles (Degrees) | Angle Range (Degrees) 1 | First working angle | 8, 9, 10 | 7-12 2 | Second working angle | 31, 32, 33 | 30-38 3 | Third working angle | 41, 42, 43 | 40-48 4 | First viewing angle | 45, 46, 47 | 43-50 5 | Fourth working angle | 24, 25, 26 | 20-30 6 | Second viewing angle | 74, 75, 76 | 70-80

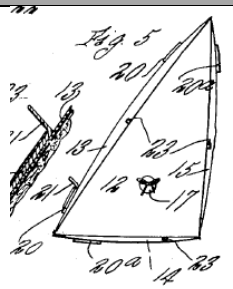
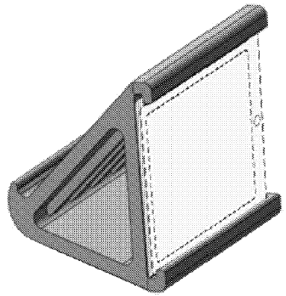
Asserted Claims	Citations to Prior Art
	Diebel 2013 discloses that "[w]hen the front cover is opened, folded under the back cover to lie flat, and the back cover is angled in a first position (first working angle, about 7 to 12 degrees) a side view will be triangular in shape." *Id.* at 2:15-18. Diebel discloses a second working angle from about 30 to 38 degrees (*id.* at 2:29-30), a third working angle from about 40 to 48 degrees (*id.* at 2:39-40), and a fourth working angle from about 20 to 30 degrees (*id.* at 2:60-61). *See also id.* at Figs. 2, 3A-3B, 4A-4B, 6A-6B; 6:40-64; 7:8-21. One figure is reproduced below for context. Diebel discloses a first viewing angle from about 43 to 50 degrees (*id.* at 2:47-48), and a second viewing angle from about 170 to 180 degrees (*id.* at 2:66-67). *See also id.* at Figs. 5A-5B, 7A-7D; 6:65-7:7; 7:22-29. Figures 3B is illustrative of the second working angles. **Klepar 2014** Klepar 2014 discloses a duel-positioning tablet pillow stand. Some illustrative, non-limiting figures from the patent are set forth below.  **Fig. 1** Fig. 1 is a perspective view of a dual-positioning tablet pillow stand supporting an image display device in a first viewing position, in accordance with the claimed design.

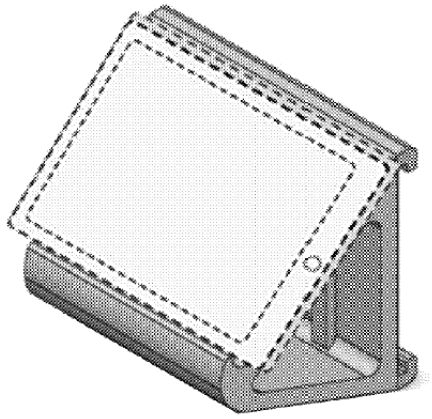
Asserted Claims	Citations to Prior Art
	 Fig. 4 Fig. 4 is perspective view of the dual-positioning tablet pillow stand of Fig. 1 support an image display device in a second viewing position, in accordance with the claimed design. **Ure** Ure discloses that "[t]he angle of the platform relative to the reader can be varied by placing the end of one of the folding arms into a selected one of a plurality of grooves in the other folding arm." *Id.* at Abstract; *see also id.* at 1:41-44.

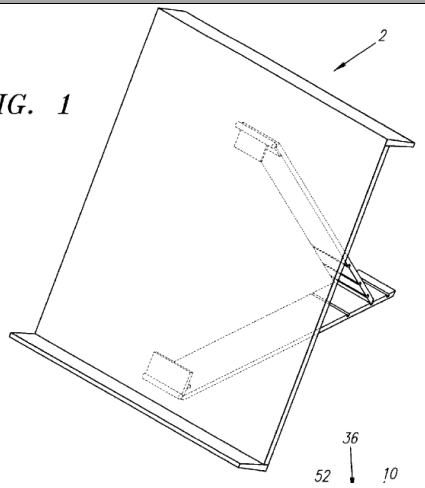
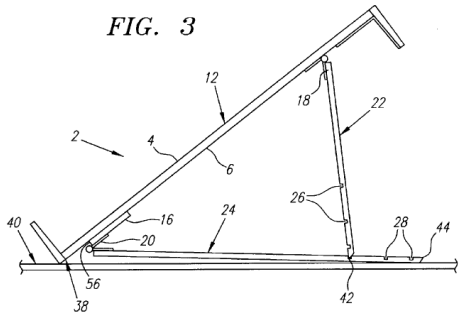
Asserted Claims	Citations to Prior Art
	FIG. 1  FIG. 3  As shown in Fig. 3, the book stand **2** is capable of being placed on a table **40**, or other surface. By inserting the first tip **42** into a selected one of the plurality of second transverse grooves **28** on the second folding arm **24**, the platform **12** of the book stand **2** can be elevated to various angles for the user's convenience. *Id.* at 4:56-5:13. **Falter** Falter discloses a triangular lap desk with an edge.

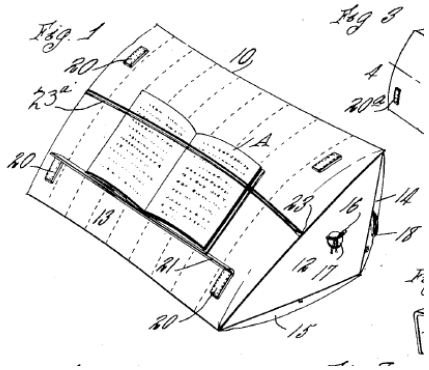
Asserted Claims	Citations to Prior Art
	 Fig.1  Fig.2 **Tubbs** Tubbs discloses a triangular reading stand with a ledge.  FIG. 1 FIG. 4
[20.e.ii] wherein a plane of the second back support is at a second plane angle to a third virtual plane between the top of a	**Cannon** Cannon discloses a plane of the second back support **105*b*** may be at a second plane angle **120*b*** to a third virtual plane **130*c*** between the top of a third back support

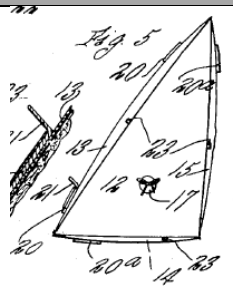
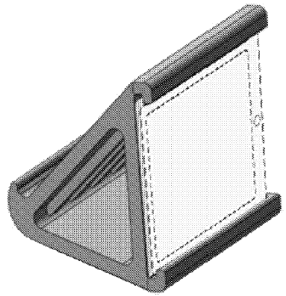
Asserted Claims	Citations to Prior Art
third back support counterclockwise to the second back support and an outer edge of a third edge support counterclockwise to the second back support,	counterclockwise to the second back support **105*b*** and an outer edge of a third edge support **110*c*** counterclockwise to the second back support **110*b*.** *Id.* at [0021]. Cannon further discloses that the arrangement of the longitudinal lengths **115** and the plane angles **120** generate three distinct viewing angles **160.** *Id.* at [0023]. **<u>Barcalo</u>** Barcalo discloses a pillow for use of propping materials for reading which is triangular in shape. "The ends 12 of the case or sack are triangular in shape, being preferably obtuse angled triangles . . . [with] the triangular ends . . . connected by rectangular faces 13, 14 and 15. Such a pillow is, therefore, triangular in transverse cross section. The edges of the triangular ends are preferably nearly, but not equal in length, and all the angles of the triangle also are preferably unequal, so that when the pillow is supported upon different side faces, the other side faces will make different inclinations to the supporting surface." *Id.* at 1:79-91. *See, e.g.*, Fig. 1.  Figure 5 shows an end elevation of the pillow in Figs. 1-4, showing the small pockets on all three faces.

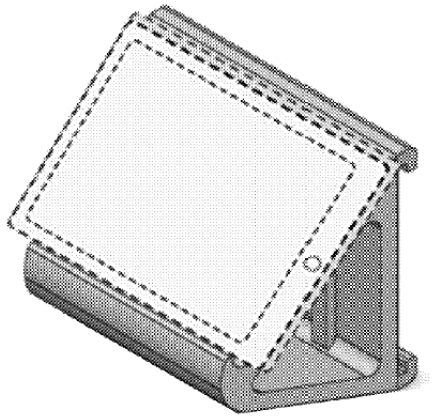
Asserted Claims	Citations to Prior Art
	 Barcalo further discloses that "[a] bar 21 serves as the rest and is provided with depending angular feet 22 which are received in the pockets 20 along either side edge of a side face of the pillow, as shown in Fig. 1. The bar or rest 21 thus forms a flange or ledge extending away from the side face of the pillow against which it is placed, and holds a book or magazine or other article A, that may rest upon this inclined face of the pillow, from sliding down this inclined face. For example, in Fig. 1, this rest or bar 21 is adjacent the lower edge portion of the face 13 when the pillow is resting upon the side face 15" (see above). *Id.* at 2:32-44. **<u>Klepar 2014</u>** Klepar 2014 discloses a duel-positioning tablet pillow stand. Some illustrative, non-limiting figures from the patent are set forth below.  **Fig. 1** Fig. 1 is a perspective view of a dual-positioning tablet pillow stand supporting an image display device in a first viewing position, in accordance with the claimed design.

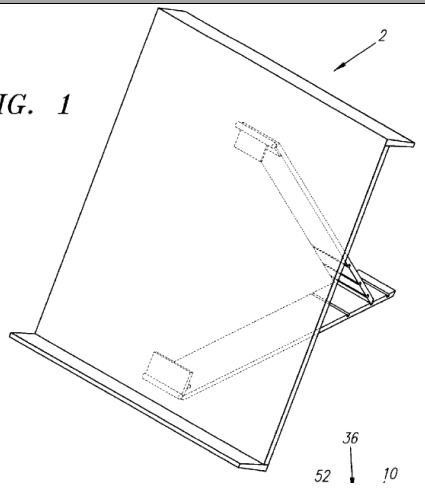
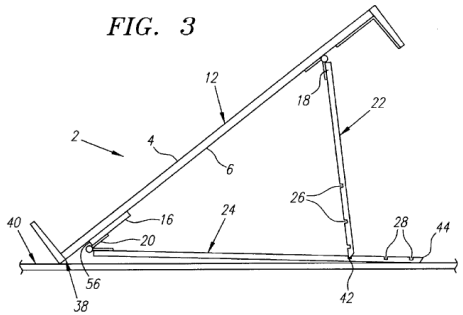
Asserted Claims	Citations to Prior Art
	 **Fig. 4** Fig. 4 is perspective view of the dual-positioning tablet pillow stand of Fig. 1 support an image display device in a second viewing position, in accordance with the claimed design. **Ure** Ure discloses that "[t]he angle of the platform relative to the reader can be varied by placing the end of one of the folding arms into a selected one of a plurality of grooves in the other folding arm." *Id.* at Abstract; *see also id.* at 1:41-44.

Asserted Claims	Citations to Prior Art
	FIG. 1  FIG. 3  As shown in Fig. 3, the book stand **2** is capable of being placed on a table **40**, or other surface. By inserting the first tip **42** into a selected one of the plurality of second transverse grooves **28** on the second folding arm **24**, the platform **12** of the book stand **2** can be elevated to various angles for the user's convenience. *Id.* at 4:56-5:13.

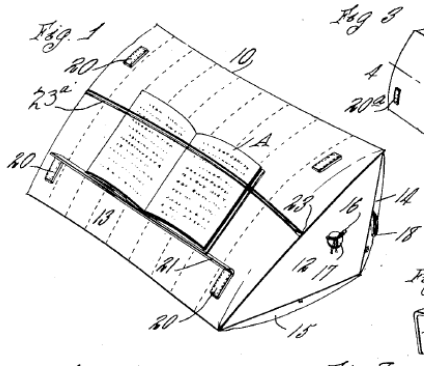
Asserted Claims	Citations to Prior Art
[20.e.iii] wherein a plane of a third back support is at a third plane angle to a first virtual plane between the top of the first back support counterclockwise to the third back support and an outer edge of the first edge support counterclockwise to the third back support,	**Cannon** Cannon discloses a plane of a third back support **105*c*** may be at a third plane angle **120*c*** to a first virtual plane **130*a*** between the top of the first support back **105*a*** counterclockwise to the third support back support **105*c*** and an outer edge of the first edge support **110*a*** counterclockwise to the third back support **105*c***. *Id.* at [0021]. Cannon further discloses that the arrangement of the longitudinal lengths **115** and the plane angles **120** generate three distinct viewing angles **160.** *Id.* at [0023]. **Barcalo** Barcalo discloses a pillow for use of propping materials for reading which is triangular in shape. "The ends 12 of the case or sack are triangular in shape, being preferably obtuse angled triangles . . . [with] the triangular ends . . . connected by rectangular faces 13, 14 and 15. Such a pillow is, therefore, triangular in transverse cross section. The edges of the triangular ends are preferably nearly, but not equal in length, and all the angles of the triangle also are preferably unequal, so that when the pillow is supported upon different side faces, the other side faces will make different inclinations to the supporting surface." *Id.* at 1:79-91. *See, e.g.*, Fig. 1.  Figure 5 shows an end elevation of the pillow in Figs. 1-4, showing the small pockets on all three faces.

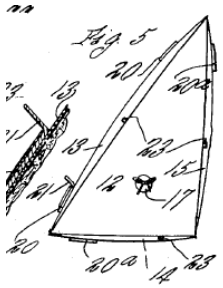
Asserted Claims	Citations to Prior Art
	 Barcalo further discloses that "[a] bar 21 serves as the rest and is provided with depending angular feet 22 which are received in the pockets 20 along either side edge of a side face of the pillow, as shown in Fig. 1. The bar or rest 21 thus forms a flange or ledge extending away from the side face of the pillow against which it is placed, and holds a book or magazine or other article A, that may rest upon this inclined face of the pillow, from sliding down this inclined face. For example, in Fig. 1, this rest or bar 21 is adjacent the lower edge portion of the face 13 when the pillow is resting upon the side face 15" (see above). *Id.* at 2:32-44. **<u>Klepar 2014</u>** Klepar 2014 discloses a duel-positioning tablet pillow stand. Some illustrative, non-limiting figures from the patent are set forth below.  **Fig. 1** Fig. 1 is a perspective view of a dual-positioning tablet pillow stand supporting an image display device in a first viewing position, in accordance with the claimed design.

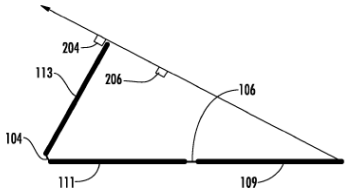
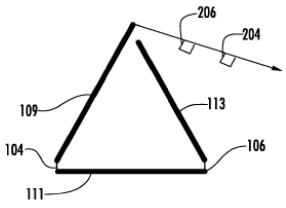
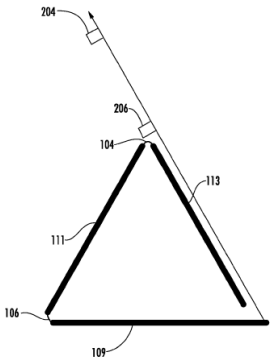
Asserted Claims	Citations to Prior Art
	 **Fig. 4** Fig. 4 is perspective view of the dual-positioning tablet pillow stand of Fig. 1 support an image display device in a second viewing position, in accordance with the claimed design. **Ure** Ure discloses that "[t]he angle of the platform relative to the reader can be varied by placing the end of one of the folding arms into a selected one of a plurality of grooves in the other folding arm." *Id.* at Abstract; *see also id.* at 1:41-44.

Asserted Claims	Citations to Prior Art
	FIG. 1  FIG. 3  As shown in Fig. 3, the book stand **2** is capable of being placed on a table **40**, or other surface. By inserting the first tip **42** into a selected one of the plurality of second transverse grooves **28** on the second folding arm **24**, the platform **12** of the book stand **2** can be elevated to various angles for the user's convenience. *Id.* at 4:56-5:13.

Asserted Claims	Citations to Prior Art
[20.f] wherein the first plane angle, the second plane angle, and the third plane angle are different from one another,	**Cannon** Cannon discloses an embodiment wherein the first, second, and third plane angles are different from one another. *See, e.g.*, Cannon at [0022] (first plane angle of 60 degrees, second plane angle of 68 degrees, and a third plane angle of 52 degrees). **Facet Pyramid** Facet Pyramid discloses a triangular-prism support that allows for a tablet to be propped in three preset viewing positions which can be accessed by rotating the stand. Facet Pyramid at 3.  *Id.* at 2. **Baek** Baek discloses that "[t]he present invention provides a viewing angle control sheet that enables clear viewing of the display device from a side angle." *Id.* at [0006]. In one embodiment, this is achieved by "a sheet base and a prism portion formed on the sheet base. . . . [T]he prism portion includes prism patterns having different refractive indices, and a refractive index between the prism patterns is implemented in a range of 0.08 to 0.31, thereby achieving a viewing angle of 40 degrees or greater when the display device is arranged at an inclination angle of 20 degrees or less relatively to the ground." *Id.* at [0008]. In another embodiment, "a viewing angle control sheet formed on a display device includes a sheet base and a prism portion having a first prism pattern formed on the sheet base and a second prism pattern formed on the first prism pattern. Here, the

Asserted Claims	Citations to Prior Art
	refractive index difference between the prism patterns is implemented in a range of 0.08 to 0.31." *Id.* at [0009]. Baek further discloses that "When the viewing angle control sheet according to the present invention is formed on a display device and used, the viewing angle of the display device can be adjusted to a desired angle by using the viewing angle control sheet. As a result, a user can clearly view the screen of the display device from a desired position." *Id.* at [0010].; *see also id.* at Effect of Invention, generally. Baek specifically discloses an embodiment with a viewing angle of 49 degrees and 41 degrees (Figs. 12 and 13, [0062]-[0064], [0068]-[0070]). **Barcalo** Barcalo discloses a pillow for use of propping materials for reading which is triangular in shape. "The ends 12 of the case or sack are triangular in shape, being preferably obtuse angled triangles . . . [with] the triangular ends . . . connected by rectangular faces 13, 14 and 15. Such a pillow is, therefore, triangular in transverse cross section. The edges of the triangular ends are preferably nearly, but not equal in length, and all the angles of the triangle also are preferably unequal, so that when the pillow is supported upon different side faces, the other side faces will make different inclinations to the supporting surface." *Id.* at 1:79-91. *See, e.g.*, Fig. 1. 

Asserted Claims	Citations to Prior Art
	Figure 5 shows an end elevation of the pillow in Figs. 1-4, showing the small pockets on all three faces.  Barcalo further discloses that "[a] bar 21 serves as the rest and is provided with depending angular feet 22 which are received in the pockets 20 along either side edge of a side face of the pillow, as shown in Fig. 1. The bar or rest 21 thus forms a flange or ledge extending away from the side face of the pillow against which it is placed, and holds a book or magazine or other article A, that may rest upon this inclined face of the pillow, from sliding down this inclined face. For example, in Fig. 1, this rest or bar 21 is adjacent the lower edge portion of the face 13 when the pillow is resting upon the side face 15" (see above). *Id.* at 2:32-44. **<u>Lin</u>** A feature of the invention is an angle "between the bottom edges of the two support panels" which "can be adjusted appropriately to control the inclination of the support stand and the spreading range of the two support panels, so that users may change the inclination of supporting the object according to their preference." *Id.* at 2:13-20. Adjustments can be made by altering the angle between the left bottom edge **111** of the left support panel **11** and the right bottom edge **121** of the right support panel **12** to control the extent of spreading, allowing users to change the inclination of supporting the object. *Id.* at 4:45-54. **<u>Diebel 2011</u>** Diebel 2011 discloses a specific implementation where each panel is approximately the same length, forming an equilateral trial, and the angle provided is about 60 degrees. *Id.*

Asserted Claims	Citations to Prior Art
	at 6:47-50. The angle from the table can be varied in a range from about 15 degrees to about 60 degrees by adjusting the length of panel 113 and position of bump 204 (*see* Fig 5B, above). *Id.* at 8:47-50.  FIG. 5E  FIG. 5D  FIG. 5F *See id.* at Figs. 5D–5E (depicting cross-sectional views of Figs. 5A, B, and C, respectively, as viewed from the left side of the case). The internal angle is about 60 degrees and is regarded as useful for "viewing media (e.g., watching a movie) on an electronic tablet)" and can be adjusted to more or less than 60 degrees by lengthening or shortening the panel. *Id.* at 8:64-9:4. This angle can be varied in a range from about 30 degrees to 75 degrees. *Id.* at 9:5-6. "In various implementations of a case according to the invention, there can be more angles (e.g., more than three different angles) than

Asserted Claims	Citations to Prior Art
	described here, and different angles (e.g., 8, 20, 35, 40, 50, 55, 65 degrees, and others)" but varying the number of bumps, panels, and hinges. *Id.* at 9:7-17. **Diebel 2013** Diebel discloses that the stand "permits the user to interface with the electronic device housed in the case at different viewing and working angles." *Id.* at 1:59-61. A feature disclosed of the invention is "the ability to stand in a portrait orientation at a working angle" "permit[ting] the user to interact with certain websites and applications that may only be available in portrait orientation." *Id.* at 1:61-65. Diebel discloses that "When using the portable electronic device, a person would at different times need to hold or set the electronic device onto a surface to work on. When the electronic device is set on a surface, it is difficult to view the electronic device if it is laying flush on top of a table. Also, for electronic devices that allow the person to input into the electronic device, it is difficult for a person to manipulate the electronic device if it is flush on a table. Thus, the device allows the person to manipulate the positioning of the electronic device when placed on a table (or on the user's lap) and adjust the angle when the electronic device is positioned with respect to the table, to allow easier viewing and working access to the electronic device." *Id.* at 5:17-22. The front cover can be folded and positioned in various orientations to achieve multiple viewing angles: (a) a first working angle; (2) a second working angle; (3) a third working angle; (4) a first viewing angle; (5) a fourth working angle; and (6) a second viewing angle. *Id.* at 5:57-67. These are listed in Table A, and described further in the specification as well.

Asserted Claims	Citations to Prior Art

TABLE A

Stand Position	Angle Name	Angles (Degrees)	Angle Range (Degrees)
1	First working angle	8, 9, 10	7-12
2	Second working angle	31, 32, 33	30-38
3	Third working angle	41, 42, 43	40-48
4	First viewing angle	45, 46, 47	43-50
5	Fourth working angle	24, 25, 26	20-30
6	Second viewing angle	74, 75, 76	70-80

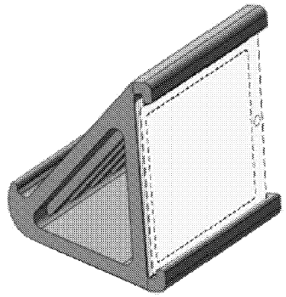
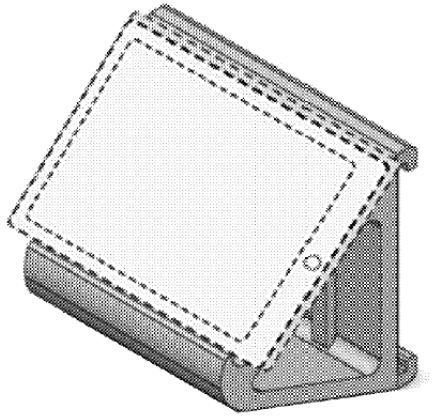
Diebel 2013 discloses that "[w]hen the front cover is opened, folded under the back cover to lie flat, and the back cover is angled in a first position (first working angle, about 7 to 12 degrees) a side view will be triangular in shape." *Id.* at 2:15-18. Diebel discloses a second working angle from about 30 to 38 degrees (*id.* at 2:29-30), a third working angle from about 40 to 48 degrees (*id.* at 2:39-40), and a fourth working angle from about 20 to 30 degrees (*id.* at 2:60-61). *See also id.* at Figs. 2, 3A-3B, 4A-4B, 6A-6B; 6:40-64; 7:8-21. One figure is reproduced below for context.

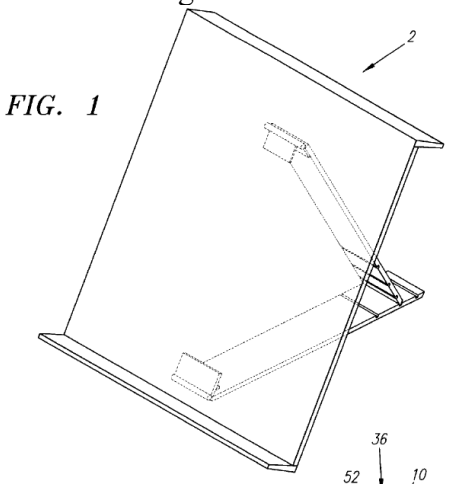
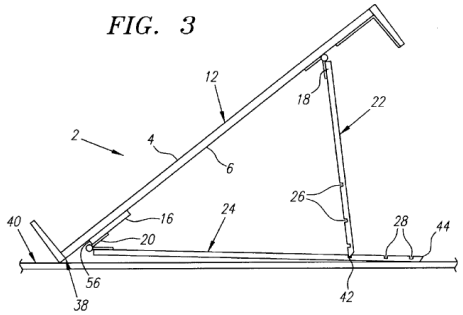
Diebel discloses a first viewing angle from about 43 to 50 degrees (*id.* at 2:47-48), and a second viewing angle from about 170 to 180 degrees (*id.* at 2:66-67). *See also id.* at Figs. 5A-5B, 7A-7D; 6:65-7:7; 7:22-29.

Figures 3B is illustrative of the second working angles.

Klepar 2014

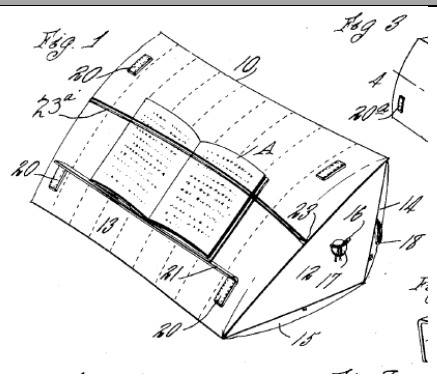
Klepar 2014 discloses a duel-positioning tablet pillow stand. Some illustrative, non-limiting figures from the patent are set forth below.

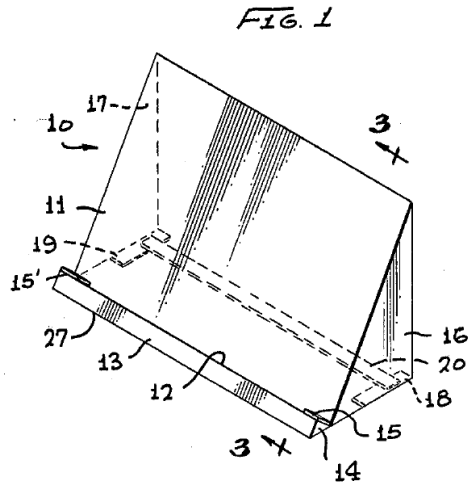
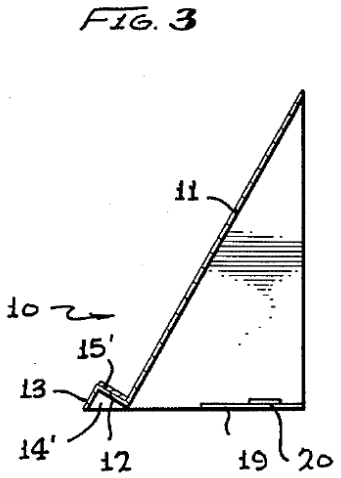
Asserted Claims	Citations to Prior Art
	 Fig. 1 Fig. 1 is a perspective view of a dual-positioning tablet pillow stand supporting an image display device in a first viewing position, in accordance with the claimed design.  Fig. 4 Fig. 4 is perspective view of the dual-positioning tablet pillow stand of Fig. 1 support an image display device in a second viewing position, in accordance with the claimed design. **Ure**

Asserted Claims	Citations to Prior Art
	Ure discloses that "[t]he angle of the platform relative to the reader can be varied by placing the end of one of the folding arms into a selected one of a plurality of grooves in the other folding arm." *Id.* at Abstract; *see also id.* at 1:41-44.  *FIG. 1*  *FIG. 3* As shown in Fig. 3, the book stand **2** is capable of being placed on a table **40**, or other surface. By inserting the first tip **42** into a selected one of the plurality of second transverse grooves **28** on the second folding arm **24**, the platform **12** of the book stand **2** can be elevated to various angles for the user's convenience. *Id.* at 4:56-5:13.

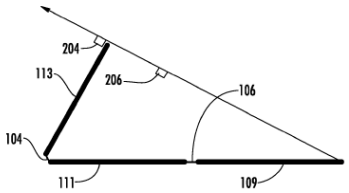
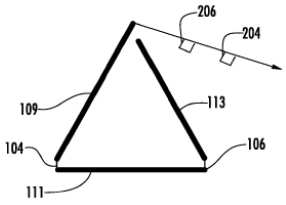
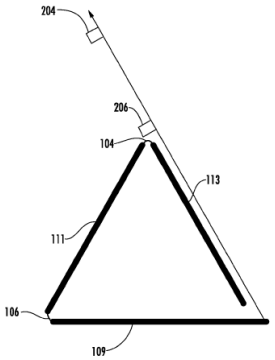
Asserted Claims	Citations to Prior Art
[20.g] and are configured to provide a first viewing angle, a second viewing angle, and a third viewing angle that are different from one another;	**Cannon** Cannon discloses an embodiment with three support sides **155** to generate three distinct viewing angles **160**. Each viewing angle **160** is chosen for a specific viewing orientation. The first viewing angle **160*a*** may be employed when the media support **100** and the media is disposed in the user's lap. The second viewing angle **160*b*** may be used when the media support **100** and the media is disposed on a table and the user is sitting upright. In addition, the 3rd viewing angle **160*c*** may be used when the user is lying down and the media support **100** is disposed on the user. *Id.* at [0027]; *see* Fig 2. **Preece** Preece discloses that the "device can be supported in both landscape or portrait mode." *Id.* at Abstract, 1.  *Id.* at 5. **PadPillow** The viewing angle can be controlled by when using the tablet holder on your knees by bending them to achieve the desired view. PadPillow at 2. **Baek** Baek discloses that "[t]he present invention provides a viewing angle control sheet that enables clear viewing of the display device from a side angle." *Id.* at [0006]. In one embodiment, this is achieved by "a sheet base and a prism portion formed on the sheet

Asserted Claims	Citations to Prior Art
	base. . . . [T]he prism portion includes prism patterns having different refractive indices, and a refractive index between the prism patterns is implemented in a range of 0.08 to 0.31, thereby achieving a viewing angle of 40 degrees or greater when the display device is arranged at an inclination angle of 20 degrees or less relatively to the ground." *Id.* at [0008]. In another embodiment, "a viewing angle control sheet formed on a display device includes a sheet base and a prism portion having a first prism pattern formed on the sheet base and a second prism pattern formed on the first prism pattern. Here, the refractive index difference between the prism patterns is implemented in a range of 0.08 to 0.31." *Id.* at [0009]. Baek further discloses that "When the viewing angle control sheet according to the present invention is formed on a display device and used, the viewing angle of the display device can be adjusted to a desired angle by using the viewing angle control sheet. As a result, a user can clearly view the screen of the display device from a desired position." *Id.* at [0010].; *see also id.* at Effect of Invention, generally. Baek specifically discloses an embodiment with a viewing angle of 49 degrees and 41 degrees (Figs. 12 and 13, [0062]-[0064], [0068]-[0070]). **Barcalo** Barcalo discloses a pillow for use of propping materials for reading which is triangular in shape. "The ends 12 of the case or sack are triangular in shape, being preferably obtuse angled triangles . . . [with] the triangular ends . . . connected by rectangular faces 13, 14 and 15. Such a pillow is, therefore, triangular in transverse cross section. The edges of the triangular ends are preferably nearly, but not equal in length, and all the angles of the triangle also are preferably unequal, so that when the pillow is supported upon different side faces, the other side faces will make different inclinations to the supporting surface." *Id.* at 1:79-91. *See, e.g.*, Fig. 1.

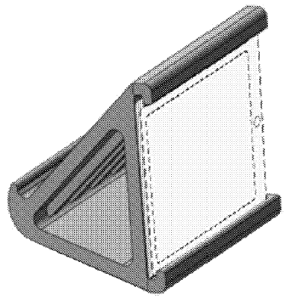
Asserted Claims	Citations to Prior Art
	 Figure 5 shows an end elevation of the pillow in Figs. 1-4, showing the small pockets on all three faces.  Barcalo further discloses that "[a] bar 21 serves as the rest and is provided with depending angular feet 22 which are received in the pockets 20 along either side edge of a side face of the pillow, as shown in Fig. 1. The bar or rest 21 thus forms a flange or ledge extending away from the side face of the pillow against which it is placed, and holds a book or magazine or other article A, that may rest upon this inclined face of the pillow, from sliding down this inclined face. For example, in Fig. 1, this rest or bar 21 is adjacent the lower edge portion of the face 13 when the pillow is resting upon the side face 15" (see above). *Id.* at 2:32-44. **Radtke**

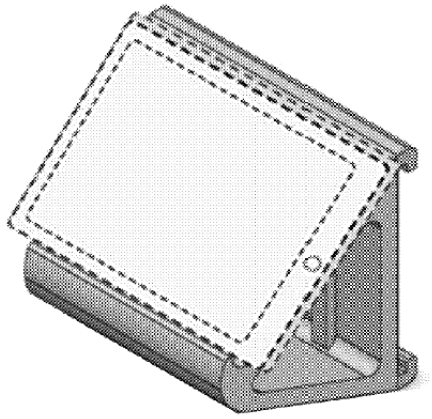
Asserted Claims	Citations to Prior Art
	Radtke discloses that "[t]he front or lower edge or back member includes a forwardly angled lip on which the book or other reading material rests and further includes a downwardly angled front support member engaging the support surface for stabilizing the lip." *Id.*; *see also id.* at 1:36-48; 1:63-68 ("[a] further object of the present invention is to provide a novel book stand which is portable and comprises a rearwardly sloping or angled back member having a reinforced lip at its lower end and lateral brace means on opposite sides thereof as well as a base support means to rigidize the construction.").   The back member **11** supports the back of the reading material, and extends or slopes rearwardly from the front of the device. The lower end of the back member **11** forms a lip **12** which slopes forwardly from the back member at an angle "so as to support the bottom of the reading material." *Id.* at 2:30-37. The lip **12** is supported by a forward element **13** which includes triangular pieces **14** on each side of the lip or tray like construction. Reinforcing tabs **15** are also provided adjacent to each of the triangular section **15.** *Id.* at 2:37-41. "[I]t can be seen that the combined structure of the angled lip **12** and the sloping back member **11** serves as a tray like support for the reading material carried therein. The reading material is at a preferred and predetermined angle with respect to the viewers eye so that the reading procedure is augmented." *Id.* at 2:56-61.

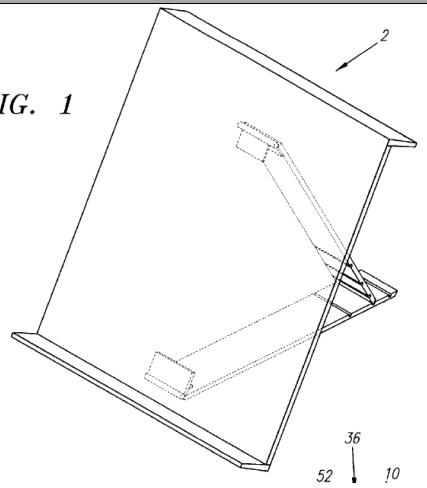
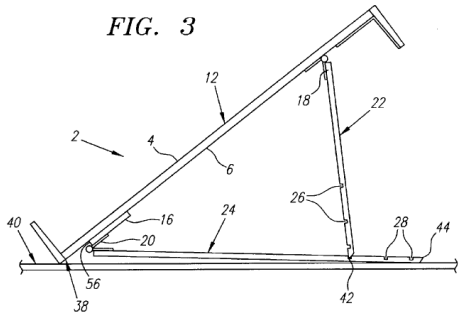
Asserted Claims	Citations to Prior Art
	Lin A feature of the invention is an angle "between the bottom edges of the two support panels" which "can be adjusted appropriately to control the inclination of the support stand and the spreading range of the two support panels, so that users may change the inclination of supporting the object according to their preference." *Id.* at 2:13-20. Adjustments can be made by altering the angle between the left bottom edge **111** of the left support panel **11** and the right bottom edge **121** of the right support panel **12** to control the extent of spreading, allowing users to change the inclination of supporting the object. *Id.* at 4:45-54. **Diebel 2011** Diebel 2011 discloses a specific implementation where each panel is approximately the same length, forming an equilateral trial, and the angle provided is about 60 degrees. *Id.* at 6:47-50. The angle from the table can be varied in a range from about 15 degrees to about 60 degrees by adjusting the length of panel 113 and position of bump 204 (*see* Fig 5B, above). *Id.* at 8:47-50.

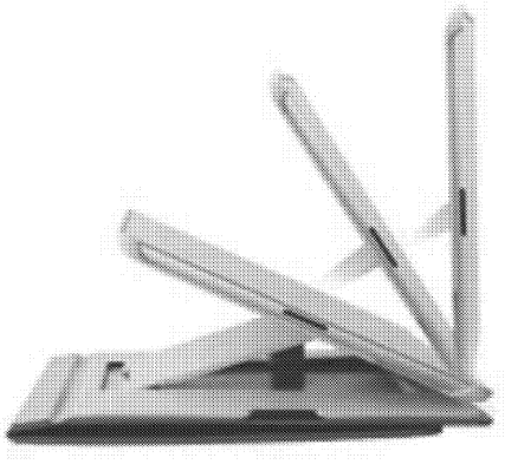
Asserted Claims	Citations to Prior Art
	 FIG. 5E  FIG. 5D  FIG. 5F *See id.* at Figs. 5D–5E (depicting cross-sectional views of Figs. 5A, B, and C, respectively, as viewed from the left side of the case). The internal angle is about 60 degrees and is regarded as useful for "viewing media (e.g., watching a movie) on an electronic tablet)" and can be adjusted to more or less than 60 degrees by lengthening or shortening the panel. *Id.* at 8:64-9:4. This angle can be varied in a range from about 30 degrees to 75 degrees. *Id.* at 9:5-6. "In various implementations of a case according to the invention, there can be more angles (e.g., more than three different angles) than described here, and different angles (e.g., 8, 20, 35, 40, 50, 55, 65 degrees, and others)" but varying the number of bumps, panels, and hinges. *Id.* at 9:7-17. **Diebel 2013**

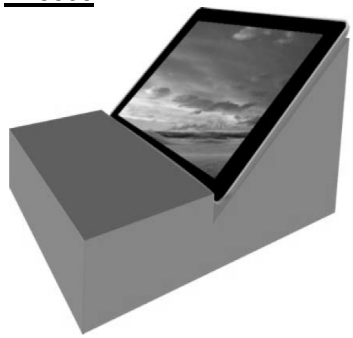
Asserted Claims	Citations to Prior Art
	Diebel discloses that the stand "permits the user to interface with the electronic device housed in the case at different viewing and working angles." *Id.* at 1:59-61. A feature disclosed of the invention is "the ability to stand in a portrait orientation at a working angle" "permit[ting] the user to interact with certain websites and applications that may only be available in portrait orientation." *Id.* at 1:61-65. Diebel discloses that "When using the portable electronic device, a person would at different times need to hold or set the electronic device onto a surface to work on. When the electronic device is set on a surface, it is difficult to view the electronic device if it is laying flush on top of a table. Also, for electronic devices that allow the person to input into the electronic device, it is difficult for a person to manipulate the electronic device if it is flush on a table. Thus, the device allows the person to manipulate the positioning of the electronic device when placed on a table (or on the user's lap) and adjust the angle when the electronic device is positioned with respect to the table, to allow easier viewing and working access to the electronic device." *Id.* at 5:17-22. The front cover can be folded and positioned in various orientations to achieve multiple viewing angles: (a) a first working angle; (2) a second working angle; (3) a third working angle; (4) a first viewing angle; (5) a fourth working angle; and (6) a second viewing angle. *Id.* at 5:57-67. These are listed in Table A, and described further in the specification as well. TABLE A Stand Position | Angle Name | Angles (Degrees) | Angle Range (Degrees) 1 | First working angle | 8, 9, 10 | 7-12 2 | Second working angle | 31, 32, 33 | 30-38 3 | Third working angle | 41, 42, 43 | 40-48 4 | First viewing angle | 45, 46, 47 | 43-50 5 | Fourth working angle | 24, 25, 26 | 20-30 6 | Second viewing angle | 74, 75, 76 | 70-80

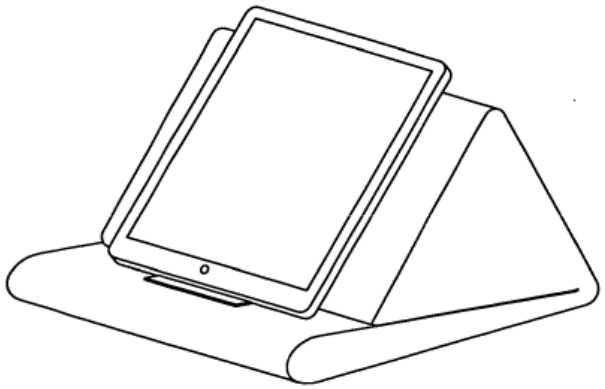
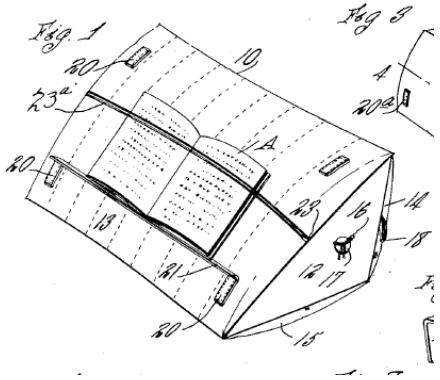
Asserted Claims	Citations to Prior Art
	Diebel 2013 discloses that "[w]hen the front cover is opened, folded under the back cover to lie flat, and the back cover is angled in a first position (first working angle, about 7 to 12 degrees) a side view will be triangular in shape." *Id.* at 2:15-18. Diebel discloses a second working angle from about 30 to 38 degrees (*id.* at 2:29-30), a third working angle from about 40 to 48 degrees (*id.* at 2:39-40), and a fourth working angle from about 20 to 30 degrees (*id.* at 2:60-61). *See also id.* at Figs. 2, 3A-3B, 4A-4B, 6A-6B; 6:40-64; 7:8-21. One figure is reproduced below for context. Diebel discloses a first viewing angle from about 43 to 50 degrees (*id.* at 2:47-48), and a second viewing angle from about 170 to 180 degrees (*id.* at 2:66-67). *See also id.* at Figs. 5A-5B, 7A-7D; 6:65-7:7; 7:22-29. Figures 3B is illustrative of the second working angles. **Klepar 2014** Klepar 2014 discloses a duel-positioning tablet pillow stand. Some illustrative, non-limiting figures from the patent are set forth below.  **Fig. 1** Fig. 1 is a perspective view of a dual-positioning tablet pillow stand supporting an image display device in a first viewing position, in accordance with the claimed design.

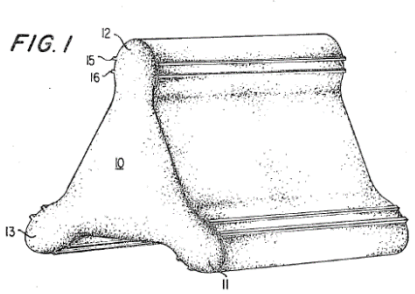
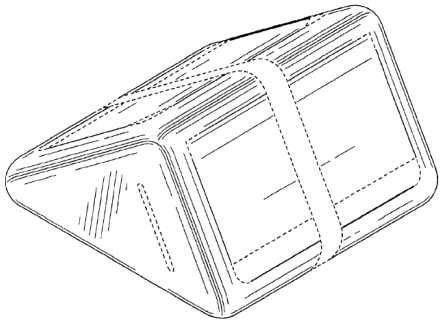
Asserted Claims	Citations to Prior Art
	 Fig. 4 Fig. 4 is perspective view of the dual-positioning tablet pillow stand of Fig. 1 support an image display device in a second viewing position, in accordance with the claimed design. **Ure** Ure discloses that "[t]he angle of the platform relative to the reader can be varied by placing the end of one of the folding arms into a selected one of a plurality of grooves in the other folding arm." *Id.* at Abstract; *see also id.* at 1:41-44.

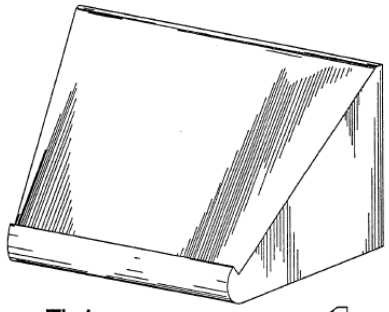
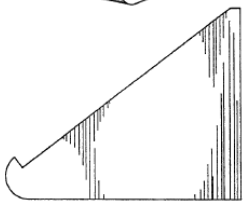
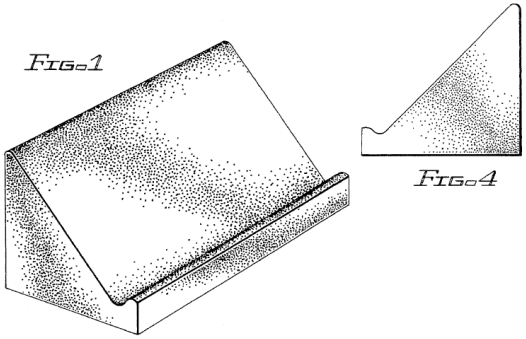
Asserted Claims	Citations to Prior Art
	FIG. 1  FIG. 3  As shown in Fig. 3, the book stand **2** is capable of being placed on a table **40**, or other surface. By inserting the first tip **42** into a selected one of the plurality of second transverse grooves **28** on the second folding arm **24**, the platform **12** of the book stand **2** can be elevated to various angles for the user's convenience. *Id.* at 4:56-5:13. **Padilla 2014** Padilla 2014 discloses a "case for a tablet computer" that is "configurable to several positions" where "[a]t each position, the tablet computer may be supported in a variety

Asserted Claims	Citations to Prior Art
	of angles." Padilla 2014 at Abstract; [0001]; [0003] ("at least two standing positions"); [0007]. Padilla 2014 discloses that "[i]n a low stand position, the case provides support and optimal viewing angles for activities such as typing on the tablet computer. In a high loft position, the tablet computer is raised to eye level for ergonomic comfort and ease of use for activities such as viewing videos on the tablet." *Id.* at Abstract; *see also id.* at [0008], [0021]. Padilla 2014 further discloses that the case has mechanisms to allow it to be "configurable" and which "provide stability." *Id.* at Abstract; [0021]. Figure 6 
[20.i] and wherein each back support, each edge support, and each end is a surface of an interior.	**<u>Cannon</u>** Cannon discloses an embodiment where each back support **105** and each edge support **110** is a surface of a solid. The solid media support **100** may have one or more ends **165.** *Id.* at [0019].

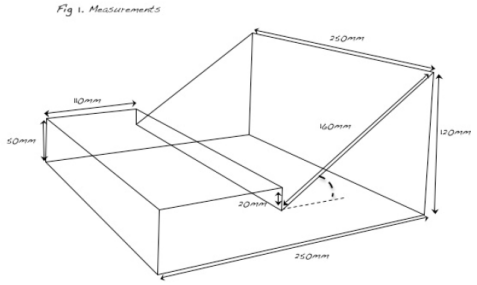
Asserted Claims	Citations to Prior Art
	Preece  *Id.* at 5. **PadPillow**  PadPillow at 1.

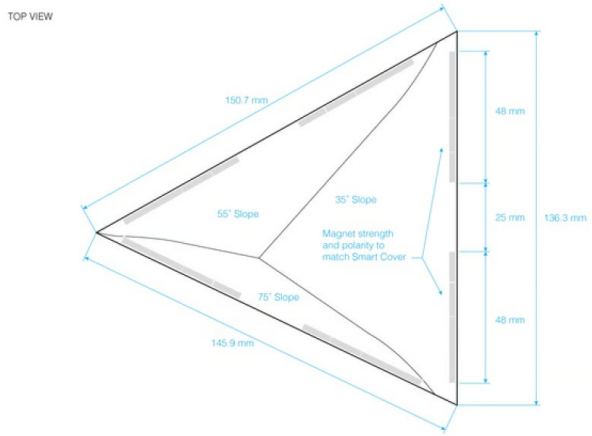
Asserted Claims	Citations to Prior Art
	Hong  **Barcalo**  **Dean**

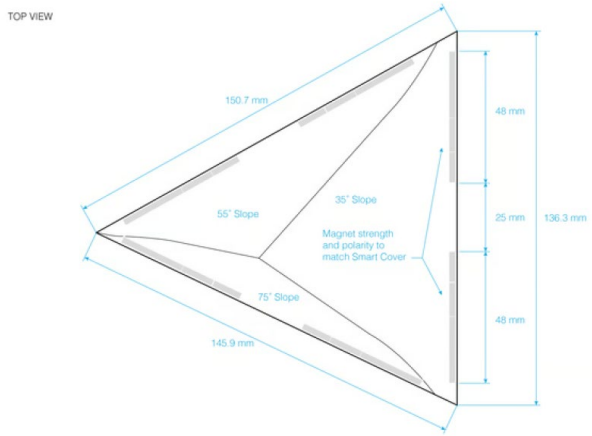
Asserted Claims	Citations to Prior Art
	 **Padilla 2013**  FIG. 2 **Falter** Falter discloses a triangular lap desk with an edge.

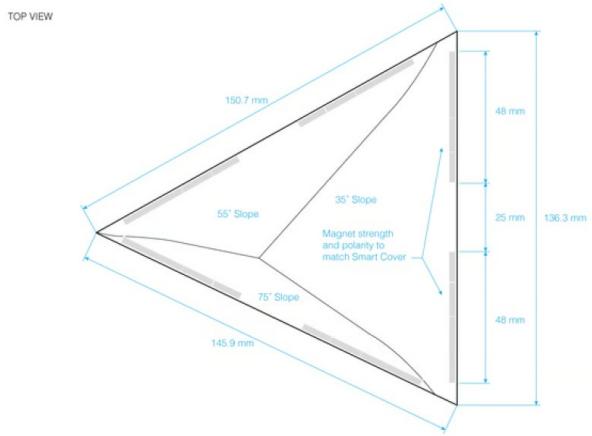
Asserted Claims	Citations to Prior Art
	 Fig.1  Fig.2 **Tubbs** Tubbs discloses a triangular reading stand with a ledge.  FIG. 1 FIG. 4
Claim 21	
[21.pre] The apparatus of claim 20, wherein	*See* claim 20.

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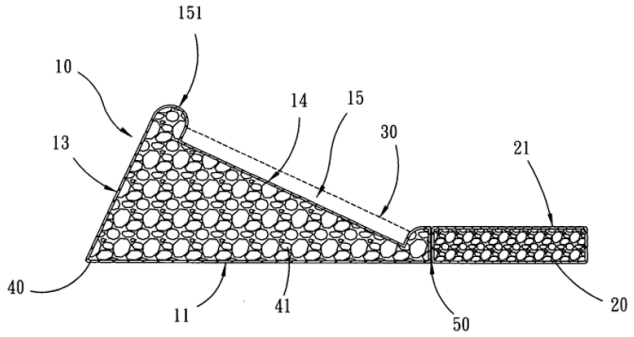
Asserted Claims	Citations to Prior Art
[21.a] the first back support has a longitudinal length in the range of 12 to 26 centimeters (cm),	**Cannon** Cannon discloses an apparatus of claim 20 as set forth above. Cannon further discloses an embodiment wherein the first back support **105*a*** has a longitudinal length **115*a*** in the range of 12 to 26 centimeters (cm). *Id.* at [0022]. Cannon further discloses the second support back **105*b*** has a longitudinal length **115*b*** in the range of 9 to 21 cm. *Id.* at [0022]. Cannon further discloses the third support back **105*c*** has a longitudinal length **115*c*** in the range of 10 to 22 cm. *Id.* at [0022]. **Preece**  *Id.* at 6. **Facet Pyramid**

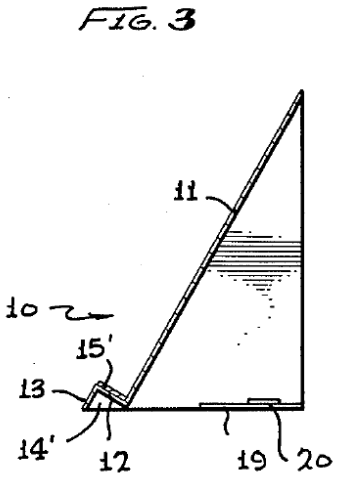
Asserted Claims	Citations to Prior Art
	 Facet Pyramid at 7.
the second back support has a longitudinal length in the range of 9 to 21 cm, and	**Cannon** Cannon discloses an apparatus of claim 20 as set forth above. Cannon further discloses an embodiment wherein the first back support **105*a*** has a longitudinal length **115*a*** in the range of 12 to 26 centimeters (cm). *Id.* at [0022]. Cannon further discloses the second support back **105*b*** has a longitudinal length **115*b*** in the range of 9 to 21 cm. *Id.* at [0022]. Cannon further discloses the third support back **105*c*** has a longitudinal length **115*c*** in the range of 10 to 22 cm. *Id.* at [0022]. **Facet Pyramid**

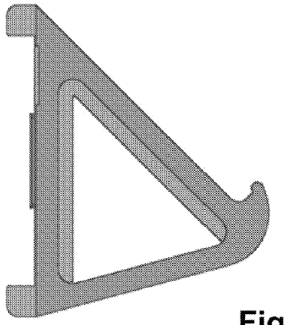
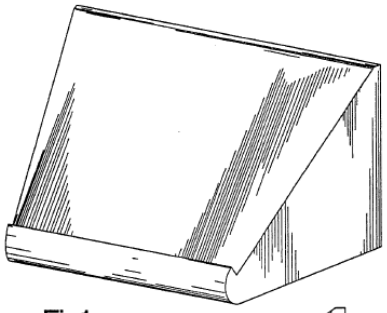
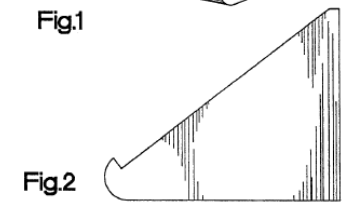
Asserted Claims	Citations to Prior Art
	 Facet Pyramid at 7.
the third back support has a longitudinal length in the range of 10 to 22 cm.	**Cannon** Cannon discloses an apparatus of claim 20 as set forth above. Cannon further discloses an embodiment wherein the first back support **105*a*** has a longitudinal length **115*a*** in the range of 12 to 26 centimeters (cm). *Id.* at [0022]. Cannon further discloses the second support back **105*b*** has a longitudinal length **115*b*** in the range of 9 to 21 cm. *Id.* at [0022]. Cannon further discloses the third support back **105*c*** has a longitudinal length **115*c*** in the range of 10 to 22 cm. *Id.* at [0022]. **Facet Pyramid**

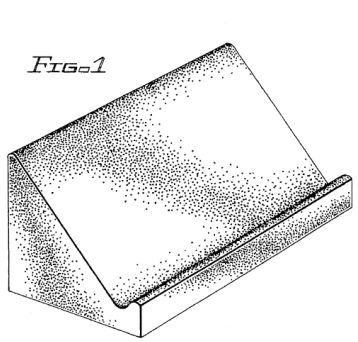
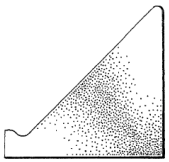
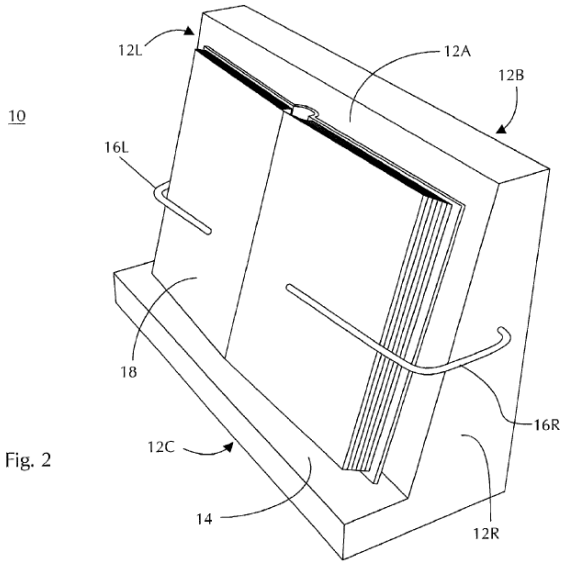
Asserted Claims	Citations to Prior Art
	 Facet Pyramid at 7.
Claim 27	
[27.pre] The apparatus of claim 20, wherein	*See* claim 20.
[27.a] each edge support has an edge support width in the range of 1 to 5 centimeters (cm).	It would be the routine work of the POSA to measure the width and angle of the edge support. As shown below, the prior art disclosed and taught that the width should be stable enough to hold the media disposed on it, and the POSA would know an element of which is thickness (width). **Cannon** Cannon further discloses that each edge support has an edge support width of 1 to 5 cm. *Id.* at claim 9, [0024] ("Each edge support **110** may have an edge support width **135.** The edge support width **135** may be in the range of 1 to 5 cm. In a certain embodiment, the edge support width **135** is 2 cm").

Asserted Claims	Citations to Prior Art
	Preece Preece discloses an iPad stand "is constructed of closed-cell Polyethylene or Ethylene Vinyl Acetate (EVA) foam, giving it a non-slip surface that will not scratch the device, is comfortable on both the arms and thighs, and will not be cold, even on bare skin such as the thighs unlike the device itself." *Id.* at Abstract, 1. **Hong** Hong discloses that the pillow has the feature of "plac[ing] the tablet computer against one face of the triangular prism" and "[a] strip of coarse material . . . provided at the end of the inclined surface to prevent the tablet computer from sliding off." Hong at Design Features. **Barcalo** Specific benefits of the pillow include stability when positioned on the lap and softness which will prevent slipping. *Id.* at 3:56-61. **Dean** Dean discloses that these regions assist in preventing slipping of the object (e.g. cards) propped against the supportive member **10** by having projections **15** and **16** to engage the cards. **Halpin** Halpin disclose a structure that is pliable allowing for books of a variety of sizes and thickness to fit within the book holder. Halpin at [0027].
Claim 28	
[28.pre] The apparatus of claim 20, wherein	*See* claim 20.
[28.a] a plane of each edge support forms an edge angle of 90 degrees with an adjacent back support.	Further, it would be the routine work of the POSA to measure the width and angle of the edge support. As shown below, the prior art, such as Radtke, disclosed edge angles

Asserted Claims	Citations to Prior Art
	of 90 degrees, and taught that the width should be stable enough to hold the media disposed on it, and the POSA would know an element of which is thickness (width). **Cannon** Cannon discloses an edge angle of 90 degrees to an adjacent back support. *Id.* at [0024] ("In on embodiment, each edge support **110** forms an edge angle **140** with an adjacent back support **105**. The edge angle **140** may be in the range of 85 to 120 degrees. **Huang**  第2圖 **Barcalo**

Asserted Claims	Citations to Prior Art
	 **Radtke** 

Asserted Claims	Citations to Prior Art
	Klepar 2014  Fig. 7 **Falter** Falter discloses a triangular lap desk with an edge.  Fig.1  Fig.2 **Tubbs** Tubbs discloses a triangular reading stand with a ledge.

Asserted Claims	Citations to Prior Art
	  **Halpin**  Fig. 2
Claim 29	

Asserted Claims	Citations to Prior Art
[29.pre] The apparatus of claim 28, wherein	*See* claims 20 and 28.
[29.a] each edge support has an edge support width of 2 centimeters (cm).	It would be the routine work of the POSA to measure the width and angle of the edge support. As shown below, the prior art disclosed and taught that the width should be stable enough to hold the media disposed on it, and the POSA would know an element of which is thickness (width). **Cannon** Cannon further discloses that each edge support has an edge support width of 2 cm. *Id.* at claim 9, [0024] ("Each edge support **110** may have an edge support width **135.** The edge support width **135** may be in the range of 1 to 5 cm. In a certain embodiment, the edge support width **135** is 2 cm"). **Preece** Preece discloses an iPad stand "is constructed of closed-cell Polyethylene or Ethylene Vinyl Acetate (EVA) foam, giving it a non-slip surface that will not scratch the device, is comfortable on both the arms and thighs, and will not be cold, even on bare skin such as the thighs unlike the device itself." *Id.* at Abstract, 1. **Hong** Hong discloses that the pillow has the feature of "plac[ing] the tablet computer against one face of the triangular prism" and "[a] strip of coarse material . . . provided at the end of the inclined surface to prevent the tablet computer from sliding off." Hong at Design Features. **Barcalo** Specific benefits of the pillow include stability when positioned on the lap and softness which will prevent slipping. *Id.* at 3:56-61.

Asserted Claims	Citations to Prior Art
	Dean Dean discloses that these regions assist in preventing slipping of the object (e.g. cards) propped against the supportive member **10** by having projections **15** and **16** to engage the cards. **Halpin** Halpin discloses a structure that is pliable allowing for books of a variety of sizes and thickness to fit within the book holder. Halpin at [0027].