HOLD MY ELECTRONIC TABLET

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ABSTRACT
Hold My Electronic Tablet accessory provides people with a convenient way to manage their electronic tablet or other device, hands-free. The accessory can be used standing, walking, sitting, or lying down. A person could comfortably use the electronic tablet in bed with secure positioning. The electronic tablet holder would prevent hand and wrist strain and/or cramps from prolonged grasping of the edges. While using the accessory, it would be easier to access the touch screen. The best position for viewing could be achieved.

Tablet Holder – Overall Flat View
Inset Upper Right – Separate Pieces
Figure 1  Neck Piece – Side View
Figure 2  Extender Piece – Face Up & Side View

3/16 Hole for fastener. Attaches to Neck Piece from Figure 1

Length 10 inches

< -- Thickness 3/32 inches

3/16 Hole for fastener. Attaches to Rest Plate from Figure 3
Figure 3    Rest Plate – Face Up & Side View
3/16 inch hole for fastener. Attaches joiner to rest plate.

Length 6 inches

Twist 90 degrees to the right or left.

3/16 inch hole for fastener. Attaches joiner to electronic tablet holder.

Figure 4  Joiner – One Piece with 90 degree twist
3/16 Fasteners attach expandable clamps to back of electronic tablet holder. Total of 4:

Trough or lip 3/8 inches deep and 3/8 inches wide to accommodate electronic tablet.

3/16 Opening for fastener. Attaches to Joiner from Figure 4

Figure 5  Tablet Holder – Front View
3/16 Fasteners attach expandable clamps to back of electronic tablet holder. Total of 4

1 Inch wide expandable clamps

Rim edges act as stop when limits of expansion are reached

3/16 Opening for fastener. Attaches to Joiner from Figure 4

Figure 6 Tablet Holder – Back View
Figure 7  Tablet Holder – Overall Flat View

Inset Upper Right – Separate Pieces
Figure 8  Hold My Electronic Tablet
Demonstration Views
HOLD MY ELECTRONIC TABLET
CROSS REFERENCE TO RELATED APPLICATIONS (IF ANY)
[0001] Not Applicable

STATEMENT OF FEDERALEY SPONSORED RESEARCH/DEVELOPMENT (IF ANY)
[0002] Not Applicable

REFERENCE TO A SEQUENCE LISTING, A TABLE, OR A COMPUTER PROGRAM LISTING APPENDIX SUBMITTED ON A COMPACT DISC AND AN INCORPORATION BY REFERENCE OF THE MATERIAL ON THE COMPACT DISC INCLUDING DUPLICATES AND THE FILES ON EACH COMPACT DISC SHALL BE SPECIFIED
[0003] Not Applicable

BACK GROUND OF THE INVENTION
[0004] The Hold My Electronic Tablet accessory developed because of a problem encountered by Harvey Nash. In 2011, Harvey received an electronic tablet (Kindle Fire) as a birthday gift. The problem arose when he would lie in bed to read or play games on his electronic tablet. After a short time, his hand and wrist would cramp and become stiff while holding the tablet. He believed there had to be a way to enjoy his electronic tablet hands-free. Online searches over several months did not show any products available that fit his exact need. He conceived of an accessory that would serve his purpose and contacted a company called Invention Home.

[0005] While sitting, standing, walking, or lying down watching an electronic tablet or other device, people typically must hold the tablet with one hand, which can be uncomfortable and can cause pain in the arm, wrist, and hand after a short time. If a person drifts off to sleep, he or she may accidentally drop the tablet, which can cause damage and possibly injure the person. Some people may fold up their legs and prop up the tablet while lying down, but this can be restricting, as the person is unable to move from that position. An effective solution is necessary.

BRIEF SUMMARY OF THE INVENTION
[0006] Hold My Electronic Tablet provides people with a convenient way to manage their electronic tablet or other device, hands-free. A person could comfortably use the electronic tablet in bed with secure positioning. The electronic tablet holder would prevent hand and wrist strain and/or cramps from prolonged grasping of the edges. While using the accessory, it would be easier to access the touch screen. The best position for viewing could be achieved.

BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWINGS
[0007] FIG. 1 Neck Piece
[0008] FIG. 2 Extender
[0009] FIG. 3 Rest Plate
[0010] FIG. 4 Joiner
[0011] FIG. 5 Tablet Holder—Front View
[0012] FIG. 6 Tablet holder—Back View

[0013] FIG. 7 Assembled Views With Inset of Separated Parts
[0014] FIG. 8 Demonstration Views

DETAILED DESCRIPTION OF THE INVENTION
[0015] Neck Piece (FIG. 1): Hold My Electronic Tablet accessory is comprised of a circular neck piece connected to an extender (FIG. 2) to place the viewing screen at a position on the torso that affords satisfactory manipulation of the device. The weight and placement of the Hold My Electronic Tablet accessory would rest on the torso between the rib cage and the pelvis. The tablet holder would necessarily be lightweight. The accessory would partially encircle an adult’s neck and would be constructed of semi-rigid, durable plastic or light-weight metal alloy. The end of the neck piece would be fastened to an extender.

[0016] Extender (FIG. 2): This is a strip that would reach from the bottom of the neck piece down 10 inches where it connects to the rest plate.

[0017] Rest Plate (FIG. 3): The rest plate is a small band or strip about an inch wide. This object gives balance to the mechanism and provides a way for a user adjustments the accessory to a satisfactory viewing angle. The rest plate then connects to a joiner.

[0018] Joiner (FIG. 4): The joiner strip connects to the rest plate at one end and to the tablet holder at the other end. In the middle, the joiner strip twists in a 90 degree angle to allow a smooth connection transition between the rest plate and the tablet holder. This junction is connected with a thumb screw that allows the user to move the angle of viewing to a satisfactory position while reclining, sitting, walking, or standing.

[0019] Tablet Holder (FIG. 5): Connected to the upright end of the joiner is the tablet holder. The tablet holder is a plate sized to accommodate electronic tablets of various dimensions. Along the bottom edge is a trough, or furrow, or lip that is wide enough to hold electronic tablets in place. Along the right edge and the left edge of this plate are adjustable clamps to grip and secure the electronic tablet.

CLAIM OR CLAIMS
[0020] The Hold My Electronic Tablet invention is unique because it solves a problem for anyone who experiences side effects from prolonged grasping or gripping the edges of an electronic tablet or other device. This is especially true for senior citizens and others who might experience similar difficulties.

How the Invention Works
[0021] A person would place the Hold My Electronic Tablet accessory around his or her neck. Then place the electronic tablet in the trough or furrow at the bottom of the rectangle, while adjusting the side clamps to secure both edges of the electronic tablet. The joiner would then be adjusted to increase or decrease the viewing angle to user’s preference. After the tablet is secure and the viewing angle selected, the user could then sit, stand, walk, or recline and still see the tablet screen with hands free.

Invention History
[0022] After research, Invention Home was selected to advise and help develop the invention.

[0023] Exhibit A Pages 1-4. First correspondence with Invention Home. Harvey Nash and wife Faye Nash completed the paperwork and faxed the information to invention Home.
[0024] Exhibit B: During a 3-6 months period, the drawings were drafted and revised several times.

[0025] Exhibit C: The documentation and drawings were sent to RG Patent Consulting LLC and a Provisional Patent was granted from the USPTO on Jul. 25, 2012.

I claim the following for hold my electronic tablet:

1. I claim Hold My Electronic Tablet is the first tablet accessory that can attach to the human form, is functional, and practical because it can be used hands-free, standing, walking, sitting, or reclining.

2. I claim that Hold My Electronic Tablet alleviates strain on the hands, wrists, and neck because it allows positioning of the viewing screen at an angle that is compatible with the user's size and comfort level.

3. I claim that Hold My Electronic Tablet accessory may and will undergo several modifications to the construction materials in order to make it more comfortable to use.

4. I claim that Hold My Electronic Tablet solves some of the problems mentioned by Dr. Jack Dennerlein and his research colleagues at the Harvard School of Public Health who explored the health issues raised by strains and over-use syndrome from hand-held use of an electronic tablet.

5. I claim that Hold My Electronic Tablet solves some of the problems mentioned by Dr. Anthony Komaroff, specifically. Use a tablet case that holds the tablet at a comfortable viewing angle, because this accessory allows adjustments to viewing angle and positioning of the tablet.

6. This is the first tablet accessory that attaches to the human form.

7. This accessory and all of its components are my design and creation.

8. I claim that Hold My Electronic Tablet alleviates strain on the hands, wrists, and neck because it allows positioning of the viewing screen at an angle that is compatible with the user's size and comfort level.

9. Hold My Electronic Tablet accessory is made up of a neck piece that is circular, with an opening that allows the tablet holder to be placed around a person's neck. It is made so that one end can be connected to another piece called an extender.

10. The extender rests along the torso. It then connects to a rest plate.

11. The rest plate is a thin, flat structure which provides balance to the assembly and distributes tablet weight across its surface as it rests on the torso.

12. The rest plate connects to a joiner that creates a pivot or fulcrum for positioning the tablet holder plate perpendicular to the extender.

13. The joiner strips has a 90 degree twist in the center for connection to the tablet holder plate.

14. The tablet holder plate is adjustable and rests perpendicular to the viewer's torso in line with the viewer's angle of vision.

15. The tablet holder plate is a flat surfaced sized to hold large tablets to small tablets.

16. The tablet holder plate has clamps or fasteners on each vertical edge to securely fasten a tablet in place.

17. The tablet holder plate has a trough, or lip, or groove along the bottom edge to accommodate a tablet and secures the tablet in conjunction with the clamps along each vertical edge.

18. I claim the right to modify any and all components to make them more user friendly.

19. I claim that Hold My Electronic Tablet accessory may and will undergo several modifications to the construction materials in order to make it more comfortable to use.

20. I claim Hold My Electronic Tablet is the first tablet accessory that can attach to the human form, is functional, and practical because it can be used hands-free.

21. I claim Hold My Electronic Tablet accessory can be used standing, walking, sitting, or reclining.

22. I claim that Hold My Electronic Tablet solves some of the problems mentioned by Dr. Jack Dennerlein and his research colleagues at the Harvard School of Public Health who explored the health issues raised by strains and over-use syndrome from hand-held use of an electronic tablet.

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