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CLERK U.S. DISTRICT COURT
CENTRAL DIST. OF CALIF.
LOS ANGELES

BY: _____

Attorneys for Plaintiff
MAN MACHINE INTERFACE TECHNOLOGIES, LLC

UNITED STATES DISTRICT COURT
CENTRAL DISTRICT OF CALIFORNIA

MAN MACHINE INTERFACE
TECHNOLOGIES, LLC

Plaintiff,

v.

PHILIPS ELECTRONICS NORTH
AMERICA CORPORATION, a
Massachusetts corporation,

Defendant.

Case No.

EE CV 10-02232-CAS
CASW

**COMPLAINT FOR PATENT
INFRINGEMENT**

DEMAND FOR JURY TRIAL

COMPLAINT

1 Plaintiff, Man Machine Interface Technologies LLC (“MMIT”), for its
2 Complaint against Philips Electronics North America Corporation hereby alleges
3 as follows:

4 **THE PARTIES**

5 1. Plaintiff, MMIT, is organized under the laws of California having a
6 place of business in Torrance, California, within this judicial district.

7 2. Defendant Philips Electronics North America Corporation (“Philips”)
8 corporation is organized under the laws of Delaware and, on information and belief
9 has a place of business at 200 Franklin Square Drive, Somerset, New Jersey 08875.
10

11 **JURISDICTION AND VENUE**

12 3. Plaintiff asserts a claim for patent infringement arising under the
13 patent laws of the United States, Title 35 of the United States Code. This Court,
14 therefore, has subject matter jurisdiction under 28 U.S.C., §§ 1331 and 1338(a).

15 4. Venue is proper in this judicial district under 28 U.S.C. 1391(c) and
16 1400(a)-(b) because, on information and belief, Defendant may be found within
17 this judicial district, and because a substantial part of the events giving rise to this
18 claim occurred within this judicial district.
19

20 **THE PATENT AT ISSUE**

21 5. Plaintiff is the sole and exclusive assignee and owner of all right, title
22 and interest in Patent No. 6,069614 (“the Patent”), entitled Man Machine Interface
23 Via Display Peripheral, which duly and legally issued on May 30, 2000. A
24 proceeding in the United States Patent Office to reexamine the Patent was
25 subsequently commenced on December 2005 by which the inventor, Tara Singhal,
26 then the owner of the Patent, voluntarily brought to the attention of the Patent
27 Office certain additional prior art. After consideration of this prior art, certain
28 original claims of the Patent (Nos. 12-15) were confirmed as to their patentability,

1 certain claims (Nos. 1 and 8) were amended, certain claims (Nos. 2,7,9-11 and 16)
2 were "determined to be patentable" and a new claim (No. 17) was added. A
3 Reexamination Certificate to this effect was duly and legally issued on October 7,
4 2008. A true and correct copy of the Patent, with its reexamination certificate, is
5 attached hereto as Exhibit A.
6

7
8 **CLAIM FOR PATENT INFRINGEMENT**

9 6. Plaintiff realleges and incorporates by reference paragraphs 1 through
10 5 of this Complaint as though fully set forth herein.

11 7. Philips has, without authorization, made, used, offered for sale and
12 sold remote control devices that infringe the Patent as originally issued and in
13 accordance with the Reexamination Certificate, both literally and/or under the
14 doctrine of equivalents.

15 8. Philips has provided user manuals for its remote control devices and
16 has thereby induced consumers who are the ultimate consumers to use the device
17 in accordance with the Patent. The customers, who are not parties and have not
18 been sued, are, therefore, direct infringers of the Patent.

19 9. As a result of the aforementioned acts, Philips has also infringed,
20 actively induced infringement and contributed to the infringement by others of one
21 or more claims of the Patent, including but not limited to claim 1.

22 10. Plaintiff is entitled to recover from Philips all damages it has
23 sustained as a result of Philips' infringement and inducement of infringement.

24 11. Upon information and belief, Philips' infringement and induced
25 infringement and contributory infringement of the Patent will continue and will
26 cause Plaintiff irreparable harm unless enjoined by this Court. Plaintiff has no
27 adequate remedy at law.
28

12. Upon information and belief, this is an exceptional case under 35 U.S.C. § 285.

DEMAND FOR RELIEF

WHEREFORE, Plaintiff requests judgment as follows:

A. Preliminary and then permanent injunctions against further infringement, inducement of infringement or contributory infringement of the Patent by Philips;

B. An award in favor of Plaintiff of three times the damages it has sustained as a consequence of Philips' infringement, inducement of infringement and contributory infringement of the Patent pursuant to 35 U.S.C. § 284;

C. An award to Plaintiff of its attorneys' fees, as provided by 35 U.S.C. § 285;

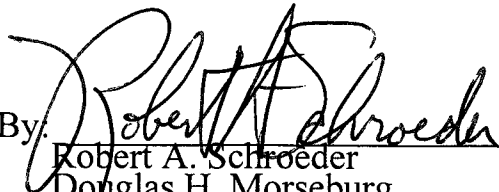
D. An award to Plaintiff of interest and costs as fixed by the Court;

E. An award to Plaintiff of such other and further relief as this Court deems proper.

Dated: March 26, 2010

SHELDON MAK ROSE & ANDERSON PC

By:


Robert A. Schroeder
Douglas H. Morseburg
Attorneys for Plaintiff
MAN MACHINE INTERFACE
TECHNOLOGIES, LLC

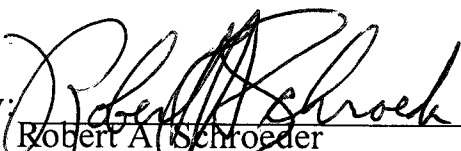
DEMAND FOR JURY TRIAL

Plaintiff hereby demands trial by jury on all issues triable by right to a jury.

Dated: March 26, 2010

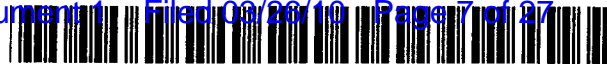
SHELDON MAK ROSE & ANDERSON PC

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Attorneys for Plaintiff
MAN MACHINE INTERFACE
TECHNOLOGIES, LLC

COMPLAINT

EXHIBIT "A"



US006069614A

United States Patent [19]

Singhal

[11] Patent Number: 6,069,614

[45] Date of Patent: May 30, 2000

[54] MAN MACHINE INTERFACE VIA DISPLAY PERIPHERAL

[76] Inventor: Tara C Singhal, P.O. Box 5075,
Torrance, Calif. 90510

[21] Appl. No.: 08/710,388

[22] Filed: Sep. 16, 1996

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Related U.S. Application Data

[63] Continuation-in-part of application No. 08/433,992, May 4, 1995.

[51] Int. Cl.⁷ G09G 5/08[52] U.S. Cl. 345/158; 345/159; 345/163;
340/825.72; 341/22; 348/734[58] Field of Search 345/158, 159,
345/160, 163, 157; 341/22; 348/734; 340/825.72

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Primary Examiner—Jeffery A. Hofsass

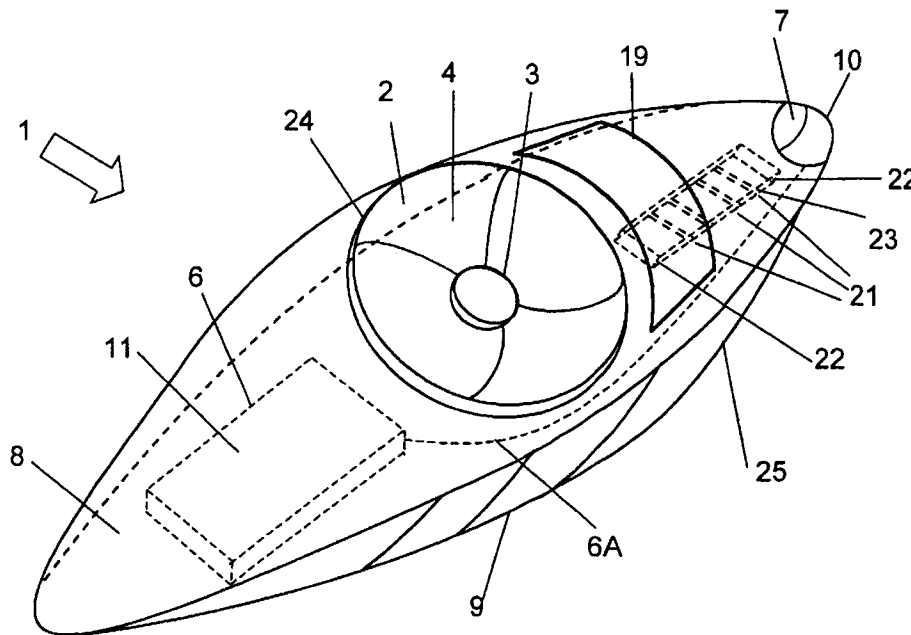
Assistant Examiner—John Tweel, Jr.

Attorney, Agent, or Firm—Law Office of Steven G. Roeder

[57] ABSTRACT

An improved man machine interface for computer, television, electronic games and appliances, allowing rapid, easy and natural control and selections from a large array of choices. The remote control device has one multi-function thumb push switch, allowing cursor movement, rate of movement and object selection to be performed from this one thumb switch and an index finger slide switch for mode control, whereas these switches are located in the natural resting positions of thumb and finger when the device is held in either the left or the right hand. The remote control device is equipped with a display window for displaying device status, transmitting means, working in conjunction with a general purpose computer with a video monitor for controlling and selecting program data, or working in conjunction with a television controlling and selecting television programming choices. The Display Configuration providing a choice selection screen format, using a three dimensional array of four sided boxes with alphanumeric characters identifying the box, enabling natural and easy selection of choices numbering in thousands.

16 Claims, 9 Drawing Sheets



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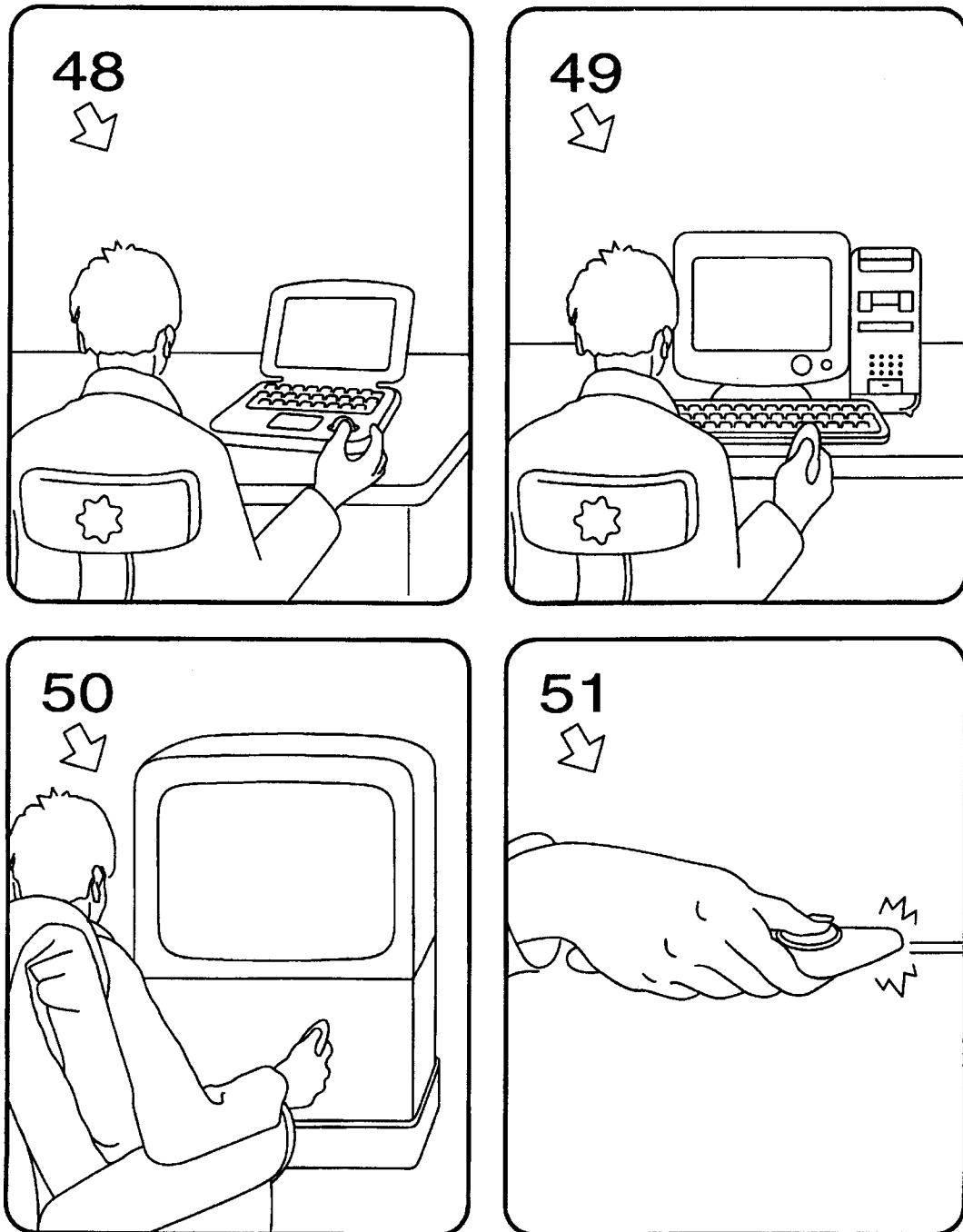


FIGURE 1

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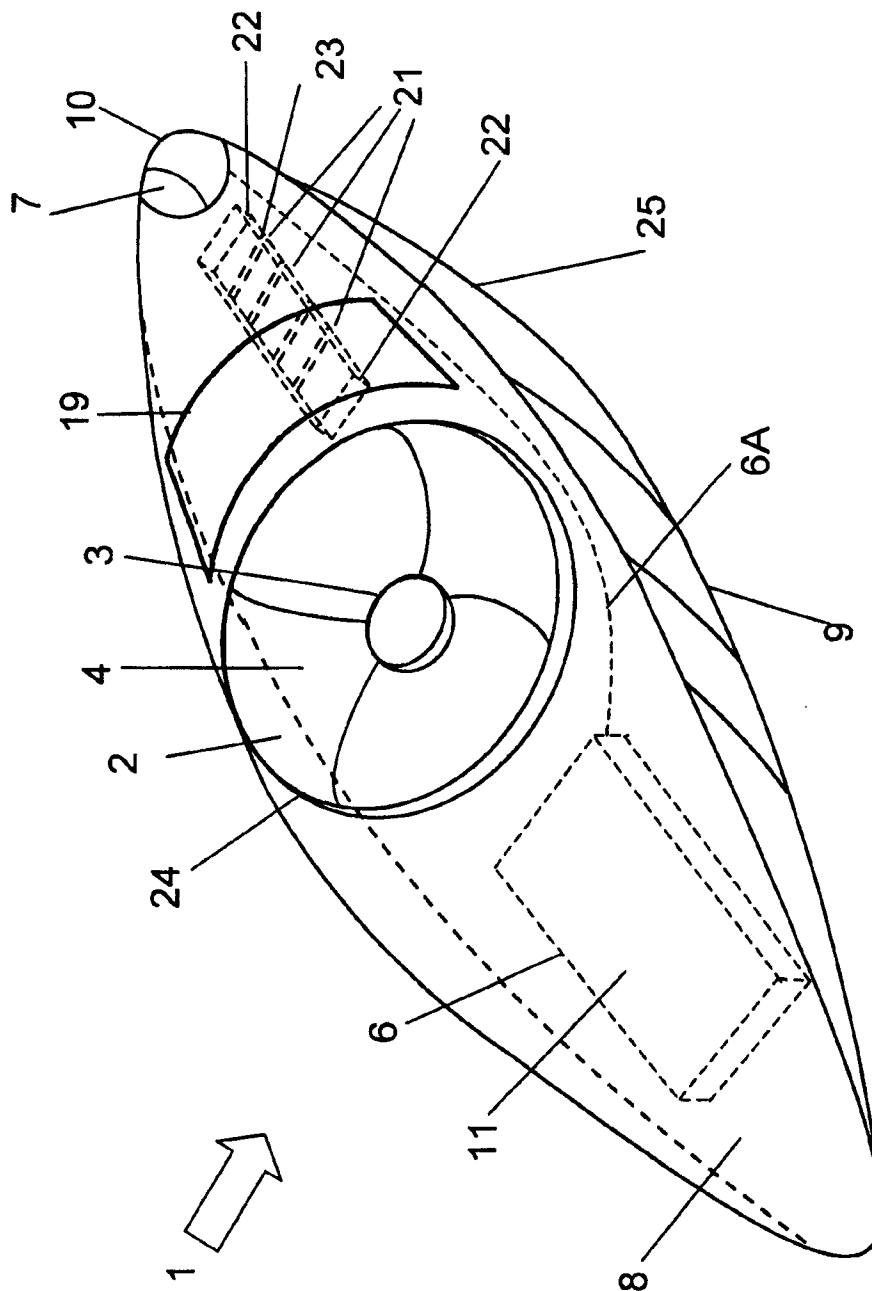


Figure 2A

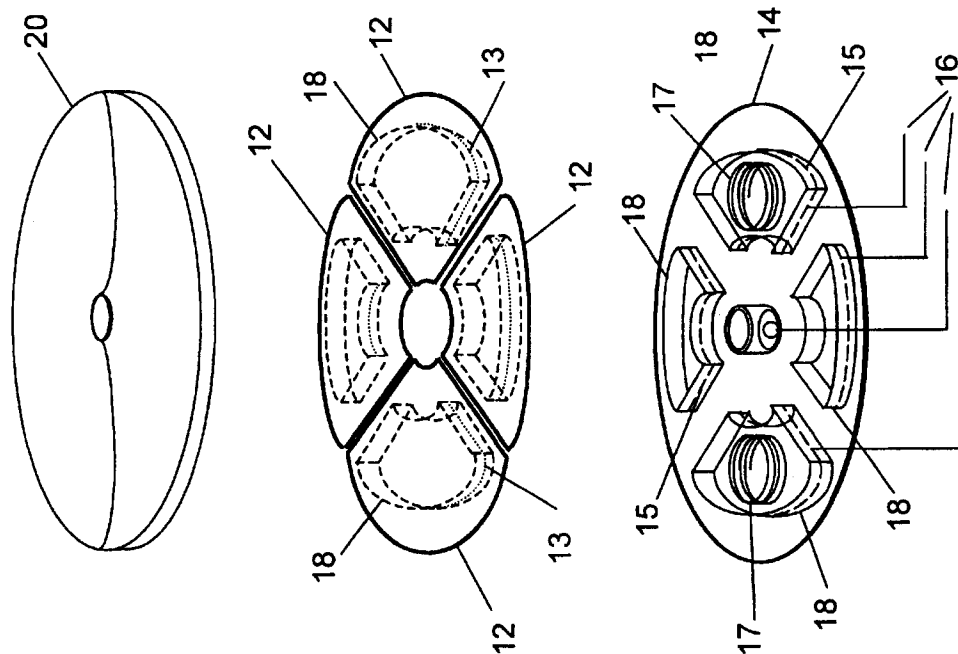


Figure 2B

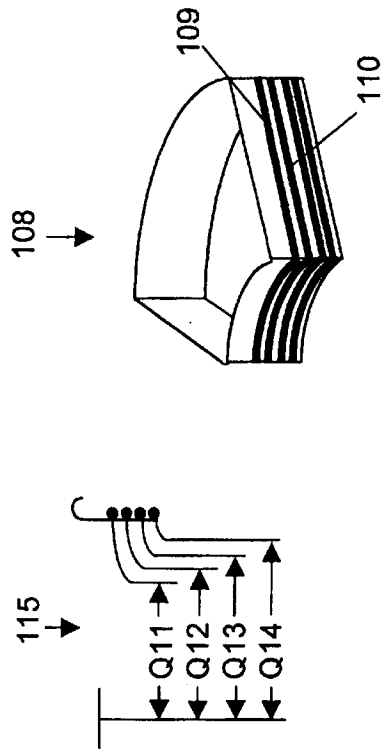


Figure 3C

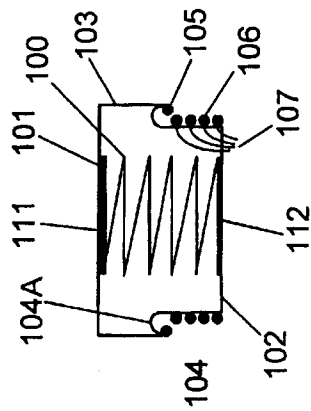
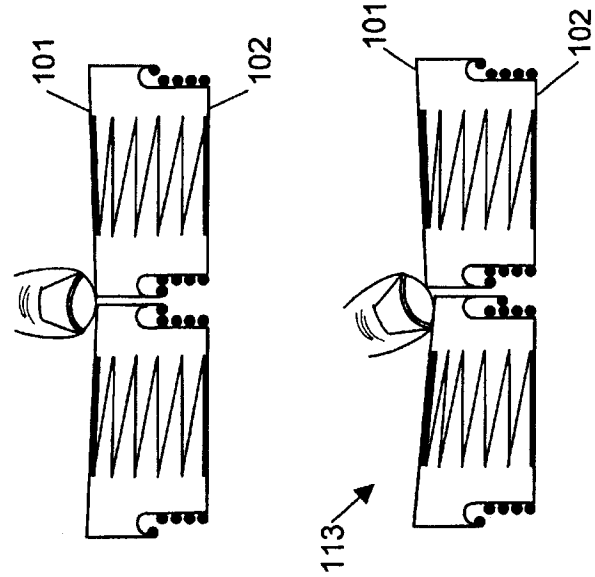


Figure 3A

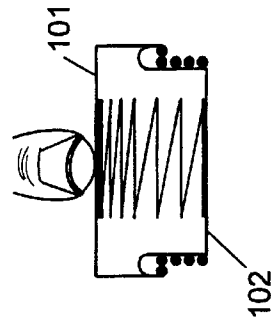
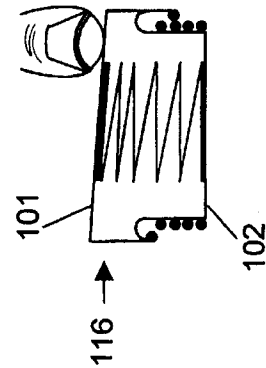


Figure 3B



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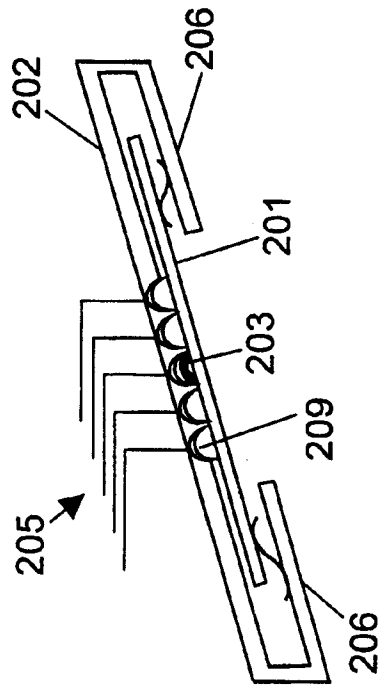


Figure 4A

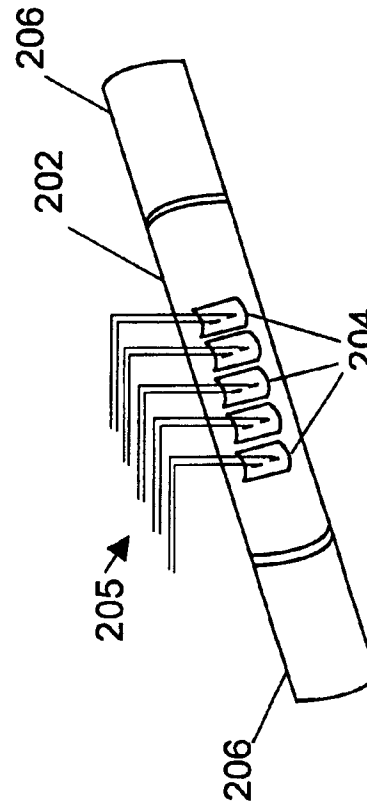


Figure 4B

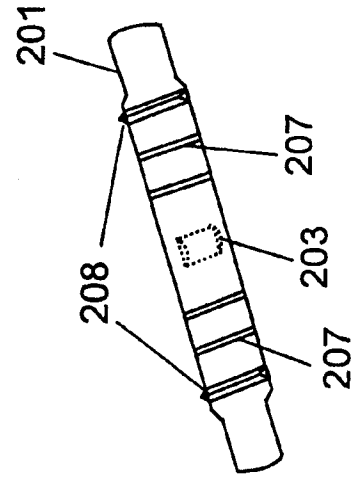


Figure 4C

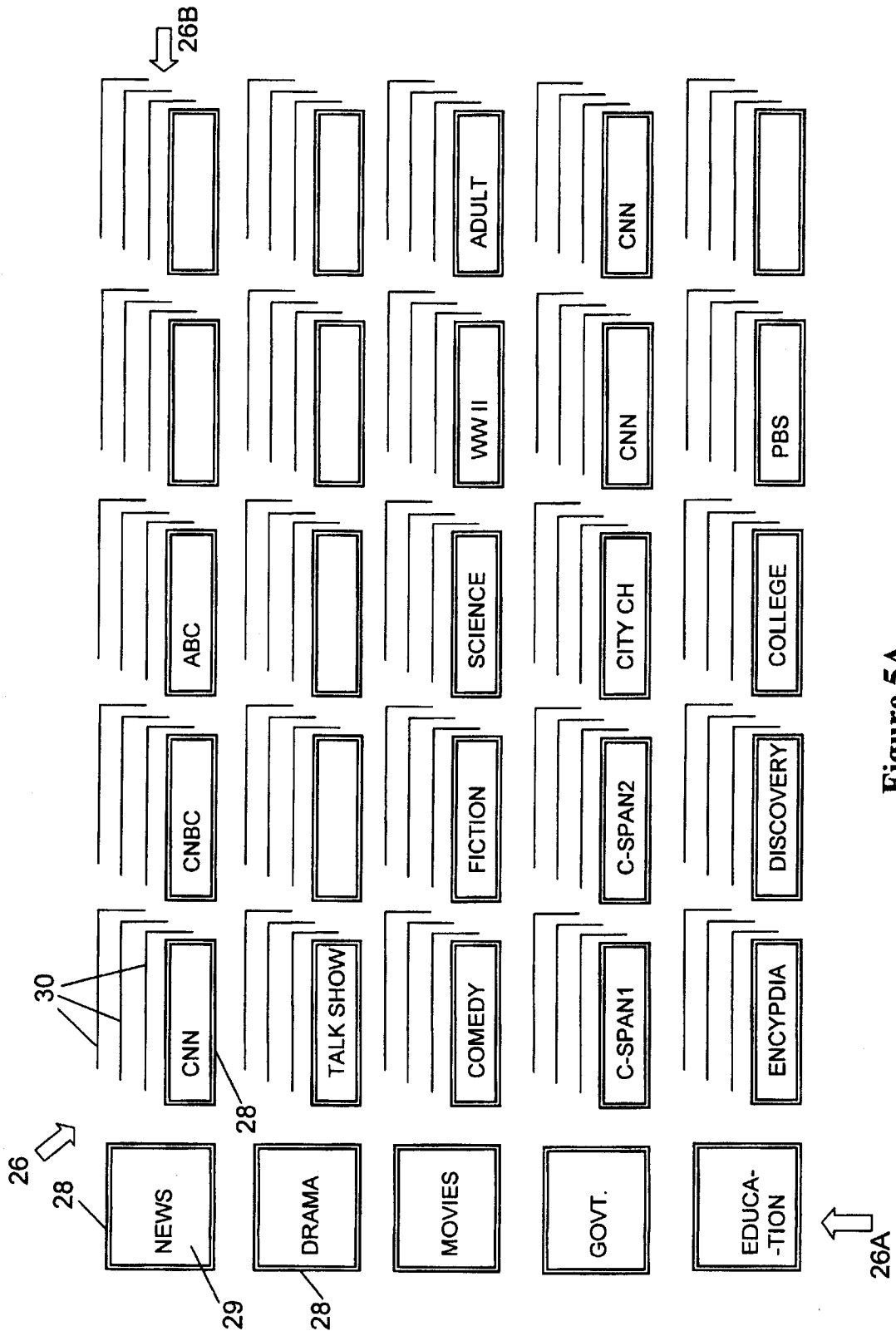


Figure 5A

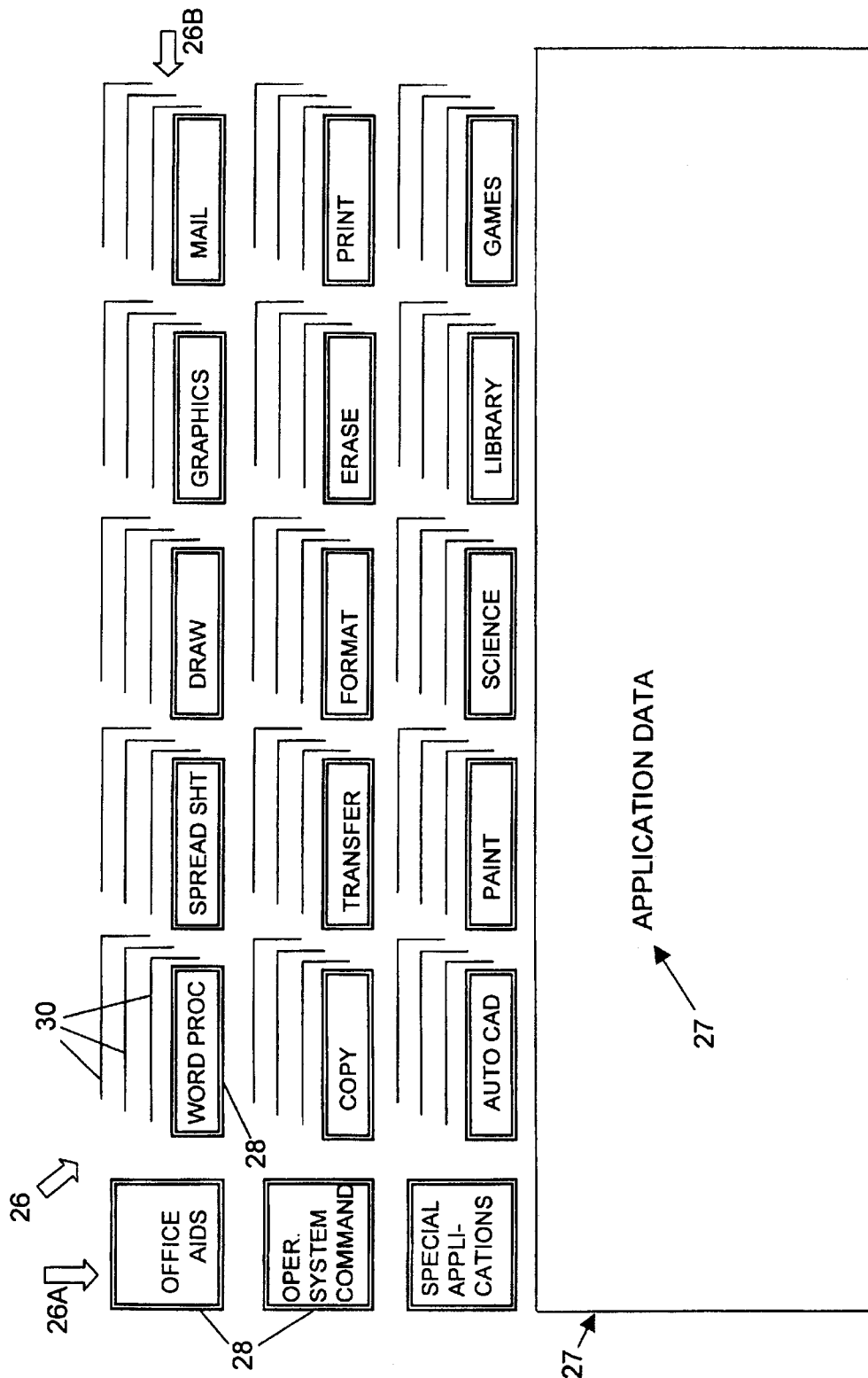


Figure 5B

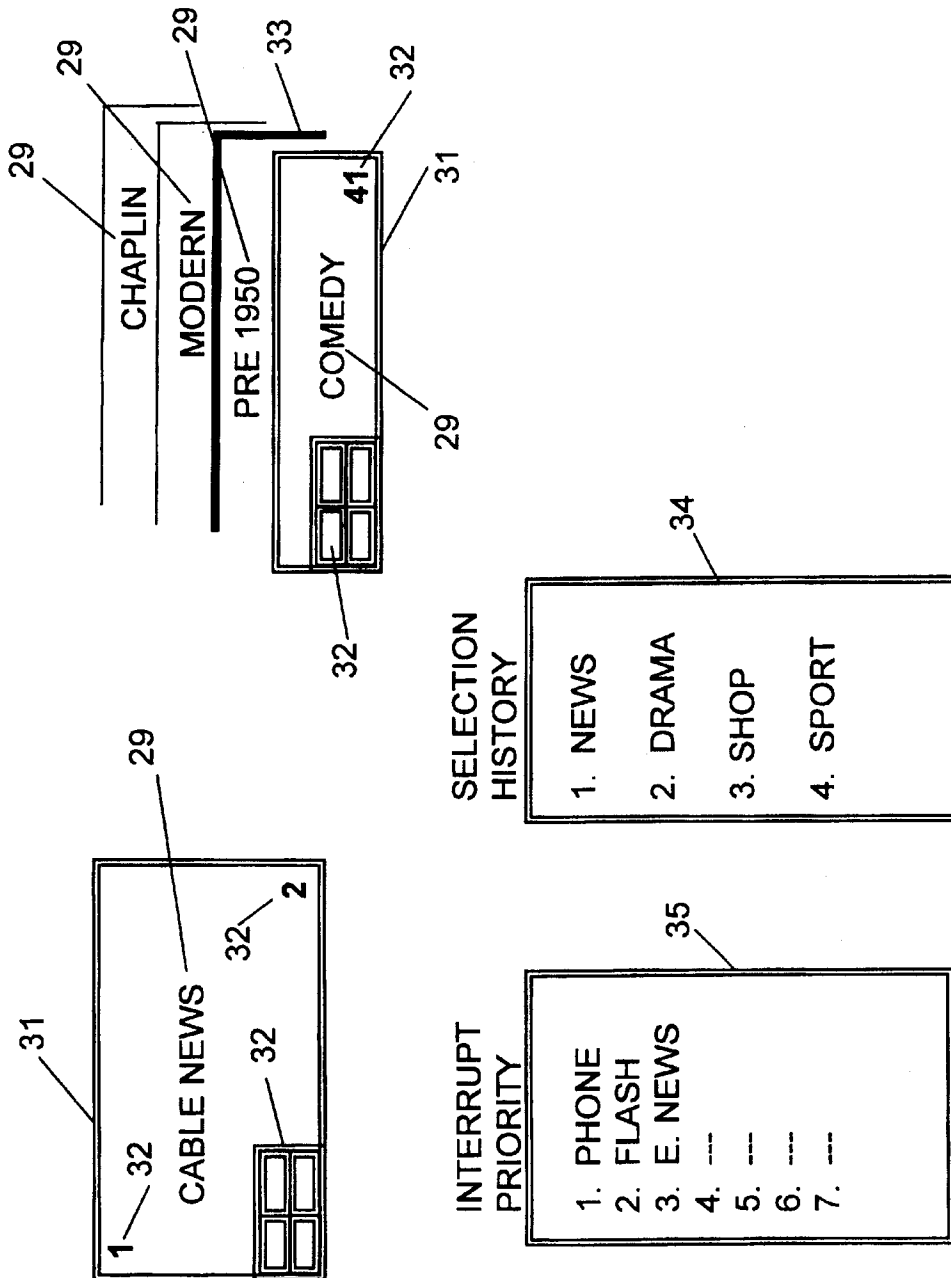


Figure 6

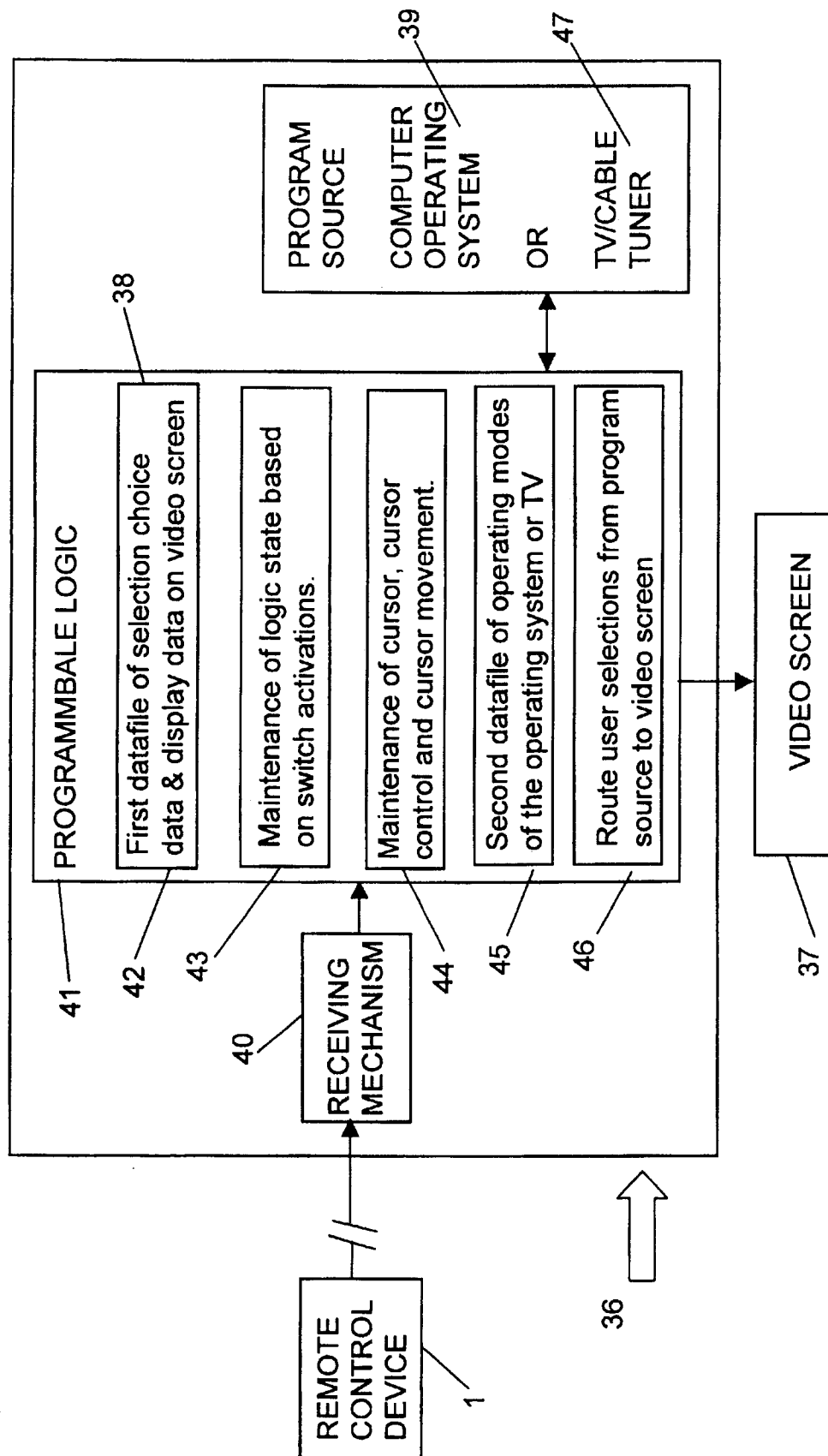


Figure 7

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MAN MACHINE INTERFACE VIA DISPLAY PERIPHERAL

CROSS REFERENCE

This application is continuation in part of the application titled "Remote Control Device" by Tara Chand Singhal, serial number 08/433,992, filed on May 04, 1995, now pending before the Patent and Trademark Office.

BACKGROUND

In computer applications, using a mouse or arrow keys on a keyboard, users first position a cursor on a display peripheral, select an object identified by cursor, and then sequentially traverse many layers of decision making screens or lists to be able to make a final selection. In applications such as TV control, users use a remote control device with a key pad with many push button switches, to select one of many TV/Cable program channel options as well as make other choices for control. In operation of display peripheral based devices such as a computer or television, a user usually has many choices to make a final selection therefrom.

With the arrival of multi-media computer technology, and other related technologies in pipeline such as video servers providing programming on demand and concurrent proliferation of software titles, users would be and are faced with making selections from a much larger array of choices before them. Such choice information has to be well presented, readily understood, and means available to the users for them to make intelligent and rapid choice decisions.

Devices for control/select, to allow rapid and easy selection, are inadequate. Computer mouse based pointing and selecting devices, TV remote controls, icons, windows/layers, in how they function, do not offer any real help in rapid selection of choices.

Thus there is a need for an improvement in man machine interface as it relates to the selection of choices on computers, Televisions and other such devices, thereby making selections rapid, easy, and natural, from a very large list of choices numbering in hundreds and in thousands.

SUMMARY

This invention relates to improvements in Man Machine Interface via Display Peripheral. The invention provides: an improved means of man machine interface in operating and controlling devices such as computer, television, electronic games and appliances; an improved means to effect the movement of a cursor on a display peripheral; an improved means to select an object identified by the cursor position; an improved means to display selection choices on a display peripheral; and an improved means to make a final selection from a large array of choices.

The invention has an embodiment called Control Device providing an improved means to effect the movement of the cursor, an improved means to select an object identified by the cursor, and improved control means. The invention has another embodiment called Display Configuration, which provides an improved means to display selection data and improved means to make a final selection from a large array of choices. These embodiments of the invention are intended to work and be utilized in conjunction with each other and are an embodiment called Control Mechanism. They can also work and be utilized independently of each other as Control Device and Display Configuration.

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The control device has a multi-function thumb switch (hereinafter referred to as multi-function switch). Appearance wise the multi-function switch looks like a slightly bigger than thumb size circle or oval that is contoured to the contours of a thumb. The multi-function switch performs three separate functions. The switch incorporates: a center push switch (hereinafter referred to as center switch) activated by applying thumb pressure in the center of the multi-function switch; an annular switch, surrounding the center switch, activated by applying thumb pressure on any part of the annular switch; and a cursor movement rate, activated by the degree of thumb pressure to any part of the annular switch.

Thumb pressure in the center of the multi-function switch activates the center switch and may be used to make the selection. Thumb pressure on the annular switch, is used to make a cursor traverse the display peripheral screen. The duration of thumb pressure controls the distance of movement whereas the degree of thumb pressure controls the rate of motion of the cursor on a coarse to fine scale. The annular switch incorporates a thumb pressure detector which is used to control the rate of cursor movement, such that with this one multi-function switch, a user without physically separating the thumb from the switch can traverse to any part of the screen very rapidly, precisely and at the same time make a selection. Such a control device can be incorporated in laptop type computers and made an integral part of lap top computer body.

Preferably, the control device as described above is part of a remote control device, which is an elongated hand held body shape. In the Remote Control Device, the multi-function switch is placed in the natural position of the thumb and it also has another switch placed in the natural position of the index finger (hereinafter called index finger switch). In this remote control device, the index finger switch is positioned on the opposite side of the thumb switch, to naturally align with the index finger position when the remote control device is held in the hand. This switch, which is operated by sliding the index finger in the forward or backward direction is also used in making selections or for making mode changes. The remote control device works for left hand, right hand and different size hands equally well.

The Remote Control Device is preferably equipped with a display window, positioned next to and forward of the multifunction switch. The display window shows the status or the mode of the Remote Control Device, as the index finger switch position can be used to place the Remote Control Device in different control modes. Some examples of these control modes are: program control, volume control, aircraft surface control mode etc.

The remote control device's switch activation signals from the center switch, the annular switch and the index finger switch, are transmitted via a wire or preferably wireless/infra-red interface mechanism to a program logic in the equipment to be controlled and selected. The program logic, in response to this transmission, manages the logic to move and maintain the cursor position. The program logic outputs the final selection as a command to the computer operating system or to the TV/Cable tuner.

Preferably, the control device or the remote control device is used in conjunction with a special Display Configuration (hereinafter referred to as Display Configuration) that organizes and arranges selection choices for ease of selection. The Display Configuration displays the choices in a three dimensional grid. The choices are arranged in an x-y axes rectangular grid of box like figures. Each box can have a

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stack of boxes behind it in a Z axis. Each choice is represented by a box, with the choice identified in alphanumeric characters inside the box.

The selection choices may be presented to the user on the screen structured such that the main choices are arrayed along the first vertical column of boxes and the sub-choices are spread along the horizontal row of boxes. Additional screen may be used for each of the sub-choices. This arrangement of selection choices allows as few as two screens to display choices in thousands. The program logic contains a user alterable data file which defines the choices.

On the Display Configuration, the cursor location is indicated by the boundary of the box being highlighted. The cursor movement is restricted to being on one of the boxes. For the boxes that are hidden, the visible part of the box boundary is highlighted.

In the Display Configuration, the boxes in the left column may be colored differently than the boxes in the rows. The boxes may be dressed up with a colored border and a different color inside. Each box may have a number on corners of the box. These numbers may be used to show the unique selection number of the box and the session selection number, in case more than one selection is made at one time to be used in a sequence. There may also be cross hashed or shaded smaller boxes in the left lower corner, that are used to indicate status of the selections.

An area of the screen may be set aside for showing the selection history. It may be set aside on the right of the screen, in the form of a long vertical box. It may be used to store and display the selections as they are being made on the screens. An additional vertical box may be similarly placed and may be used to show and set the priority of the channels. Priority in this context refers to what other channels can interrupt the currently active channel. For example Internet mail message, or News Channel can interrupt movie channel.

Inside the boxes, in letters, is written the topic of the box. Combination of stylish and colored letters are preferred over picture icons. When a final selection is made, it is activated by the logic issuing operating system command in a computer or commanding the tuner or video server in a TV/cable box. The information from that program source is then routed to the video screen.

Preferred embodiments of this invention in TV control, Computer control, Electronic Game control and Appliance control, are described as follows:

In remote control of Television, the Display Configuration would be used to display large number of channels such as hundred plus channels being made available via Digital satellite technology as well as many choices within a channel such as pay per view movies and programs. The Display Configuration would categorize, identify and visually arrange the channels by their topic, such as news, movie, sports etc. The remote control device display window would indicate control mode such as channel mode in this case, based on the position of index finger switch. With the annular switch of the multi-function thumb switch a user would rapidly move the cursor to one of those choices of program channels because the cursor movement is restricted to hop from one choice to another choice and the cursor movement is rate sensitive based on degree of thumb pressure. The selected choice is clearly identified by the choice box border that has been highlighted. Then the same multi-function thumb switch, without having moved the thumb away from it and using its center switch and without doing anything, that particular selected channel would be tuned.

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A user could slide the index finger switch to other positions, select other modes for control such as volume and picture control mode, and then the multi-function thumb switch can be used for volume control and picture control.

A user could slide the index finger switch to clock setting control, and use the thumb switch to change the clock setting, the center switch is used to finalize the selection and return to previous or the newly selected mode.

These features of Remote Control Device and Display Configuration can also be used to perform other control functions, such as programming the TV's functions, and power turn on/off.

In this TV embodiment the benefits over prior art are: allowing rapid transition between channels, without consciously pressing a channel number or sequencing channels as in prior art TV controls; selection of program channels not by their channel number as in prior art but by their name and content; simpler viewing and rapid selection of choices; and a simplified and natural hand held control.

In computer type embodiments the control device with its multi-function thumb switch will become an integral part of the lap top base. In this embodiment, a user using his thumb would use the multi-function switch to effect a precise and rapid movement of cursor and select the identified object, without having have to lift his thumb. This control device would preferably be used in conjunction with Display Configuration, which can organize, categorize and visually present a large number of choices on one screen for rapid selection and control of laptop functions and operating modes.

In desk top computer embodiments, either the control device or the remote control device can be used, which can be used in conjunction with the Display Configuration. With the Remote Control device, a user would employ a casual and relaxed attitude as the remote control device is not desk and therefore position bound by where it is placed on the desk. It is conveniently held in user's left or right hand, as convenient to him, and thus free to be held and moved around.

The benefits of computer control embodiment over prior art are: ease of use as the device is not desk bound, while being used or not used, therefore can be kept and held in more user convenient positions and postures; the method of operation is different, as there is no roller ball or surface over which the thumb or finger is slid, but pressure sensitive digital contacts enabling precise and rapid rate sensitive cursor movement, are utilized; one multi-function switch operated by thumb is used for both the cursor movement and the selection; and Display Configuration would categorize and visually display a large number of choices on very few screens, making simpler viewing and rapid selection of the final choice.

In electronic game control embodiment, the Remote Control viewing and rapid selection of the final choice.

In electronic game control embodiment, the Remote Control Device would be used for rapid control of game functions, as it allows multiple functions to be conveniently performed without shifting of hand and fingers and thumbs from switch to switch.

The prior art use of Joystick type control for the same purpose necessitated that the Joystick be positioned near a player's waist level and user's elbow be bent to properly use it. No such restriction exists in use of Remote control device, as its features would permit it to be held in any position relative to the body.

In embodiment such as appliance control, since the Remote Control Device is equipped with a display window,

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Preferably, the index finger switch, has ribbed surface (21), front and back finger stops (22), enabling the slide switch to be operated by sliding the index finger forward or backward. The index finger switch is operated by sliding it into one of a plurality of the switch positions (23). The index finger switch is described in more detail herein later with the help of FIGS. 4A, 4B and 4C.

Preferably, an electronic display window on the remote control device's body, driven and controlled by the electronic means, displays the switch activation and the remote control device status (19). The display window is positioned near the multi-function switch and ahead of it.

LED or LCD type display window, which shows alphanumeric characters is used. Such displays are common in prior art. The display is being controlled by the logic circuit. The purpose of this display window is to show the state of the switch activations from thumb switch and the mode in which such activations exist represented by the index finger switch. For example, a mode could be cursor movement control, a clock setting control, simulated aircraft surface control etc.

Electronic means within the Remote Control Device is a logic circuit, that is common in prior art, where signals are input and based on the specified logic designed in the logic circuit, output signals are produced. The electronic means also incorporate memory. No new art is disclosed or claimed in this respect.

The transmitting means is what is provided in the prior art. For example home audio/video systems use remote controls and computers use mouse pointing devices, both of which employ either infrared type or a wire connections as transmitting means. No new art is presented or claimed in this respect.

The hand with the help of palm and its fingers grips the Remote control device body, while the thumb is loosely held against the thumb switch and finger is loosely held against the sliding switch. The limiting structure is the body of the remote control device. Since the motion of thumb switch is push, and finger switch is slide, it is possible for the hand to distinguish and exercise independent control on the switch that is being activated.

When the thumb switch is used by itself on its own in a lap top computer or similar device application, the limiting structure is the lap top body or the device body itself.

In the current art, the input signals are the thumb switch activations from the four quadrants and center switch and index finger switch. The signals that are output are to the transmitting means and the display. Input signals are switch contact on/off digital signals. Based on the description of the switches as provided here, there will be twenty two on/off signals from the thumb and index finger switches. These are converted to output signals for the display to indicate the mode, depending on one of the finger switch positions and on/off states to be sent by transmitting means. The on/off output signals are coded to identify which switch activation they correspond to.

Refer to FIG. 3A. It shows a vertical cross sectional view of one quadrant consisting of: spring (100), thumb plate (101), base plate (102), vertical walls on the thumb plate (103), vertical walls on the base plate (104), contact making bar (105) on the wall of thumb plate, multiple electrical contacts (106) on the vertical wall of the base plate. Electrical wire connections (107) from multiple electrical contacts (106).

The spring mechanism is a spring commonly used in prior art, such as a coiled spring or similar purpose means. It is

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positioned between the underside of the thumb plate and the upside of the base plate. It resists the thumb pressure on the quadrant, allowing the thumb plate to move up and down in relation to the base plate.

Multiple electrical contacts (106) are positioned in the vertical walls (104) on the base plate and an electrical contact closing bar (105) on the vertical walls (103) of the thumb plate. This electrical contact closing bar (105) and the multiple electrical contacts (106) run all around the four sides of the quadrant. Refer to a perspective view (108) of vertical walls on the base plate. There are plurality levels of electrical contacts, called level 1 (109), level 2 (110) and so on. About four levels are desirable, although they could be many more giving a finer/precise rate of cursor movement.

The wall (103) and wall (104) move parallel to each other, as the quadrant is pressed and in the process the contact closing bar (105) and the electrical contacts (106) rub against each other, thereby the contact closing bar making electrical contact with one of the levels depending upon the thumb pressure on the quadrant.

The multiple electrical contacts (106) are connected to wires that go to the logic circuit. The contact closing bar and the thumb plate are of metallic base which makes contact with the top end of the spring (111), the other end of the spring is making contact with the base plate, which has the electrical wire (112) that represent the contact closing bar. Electrical wires to the logic circuit for four levels of connections represented by Q11, Q12, Q13 and Q14 are shown (115).

The top end of the wall (104) is curved outward (104a), allowing the thumb plate with the help of its contact closing bar to remain in position and engaged with the base plate, when the thumb pressure is released.

Refer to FIG. 3B. If the thumb pressure was applied on the extremity areas of thumb plate, the spring would allow only that part of thumb plate to move down and make electrical contact on that side, in the process tilting the thumb plate slightly upward on the opposite end of this plate. The electrical contact between the contact closing bar and one of the multiple contacts is made, no matter which extremity edge of the thumb plate is pushed, since the same multiple contacts are on all four sides walls as shown in the perspective view (108).

Refer to FIG. 3C. When the thumb pressure is applied to two quadrants that are side by side, and the thumb pressure is even between both the quadrants, then, same level electrical contacts on both quadrants are made. However if the thumb pressure is uneven, then different levels of contacts on the two quadrants are made as illustrated (113).

These contact wires from the different levels on the four quadrants are connected as input to the logic circuit. Let us say the contact wire signals are named Q11, Q12, Q13, Q14 from Quadrant 1 (top quadrant), Q21, Q22, Q23, Q24, Q31, Q32, Q33, Q34, Q41, Q42, Q43, Q44, from the other three quadrants. The outputs of the logic circuit are X-Y movement commands for the cursor. The X-Y movement of cursor is related to the time duration these Quadrant contacts are made as follows:

Q11 being on corresponds to X direction movement at rate of movement equal to 0.5 inches/sec.(0.5 is illustrative) Q12 being on corresponds to X direction movement at rate of movement equal to 1.0 inches/sec. (1.0 is illustrative) Q13 being on corresponds to X direction movement at rate of movement equal to 2.0 inches/sec.(2.0 is illustrative) Q14 being on corresponds to X direction movement at rate of movement equal to 4.0 inches/sec.(4.0 is illustrative)

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Q21, Q22, Q23, or Q24 being on corresponds to Y direction movement at rate of movement equal to 0.5, 1.0, 2.0 or 4.0 inches/sec.

Q31, Q32, Q33, or Q34 being on corresponds to -X direction movement at rate of movement equal to 0.5, 1.0, 2.0 or 4.0 inches/sec.

Q41, Q42, Q43, or Q44 being on corresponds to -Y direction movement at rate of movement equal to 0.5, 1.0, 2.0 or 4.0 inches/sec.

Q11, Q21 both being on corresponds to X direction movement at 0.5 inches/sec and at the same time Y direction movement at 0.5 inches/sec.

Q12, Q21 both being on corresponds to X direction movement at 1.0 inches/sec and at the same time Y direction movement at 0.5 inches/sec.

Q13, Q21 both being on corresponds to X direction movement at 2.0 inches/sec and at the same time Y direction movement at 0.5 inches/sec.

Q14, Q21 both being on corresponds to X direction movement at 4.0 inches/sec and at the same time Y direction movement at 0.5 inches/sec.

Q14, Q22 both being on corresponds to X direction movement at 4.0 inches/sec and at the same time Y direction movement at 1.0 inches/sec.

... and so on, allowing control of cursor movement in the X-Y plane on the display peripheral. For example, If the quadrant Q1 is pressed for one tenth of second with enough pressure to engage level 1 contact, the cursor would move 0.05 inches in X direction. If the quadrant 2 is pressed for 1 second engaging level 2 contact, the cursor would move 1 inch in Y direction. If quadrants 1 and 2 are both pressed at the same time, the cursor would simultaneously move in X-Y direction. If the pressure on quadrants 1 and 2 is uneven, then the cursor would move in X and Y direction at rates depending on the level of contacts made in quadrants 1 and 2.

With reference to FIGS. 4A, 4B, and 4C, the index finger switch is a nearly horizontal movement switch activated by sliding motion of a curved index finger. The switch incorporates a sliding member (201) and a fixed member (202). The sliding member has a metallic bar (203) in the middle on one of its side, and the fixed member has plurality of spaced apart dual metallic contact bars (204). The dual bars are electrically connected when the metallic bar of the sliding member is brought on them. Five metallic dual bars are shown in the figure. Each of these are connected to electrical wires (205) that are input to the logic circuit, enabling logic circuit to know which one of the five the sliding member metallic bar is positioned on.

The sliding switch positions corresponding to the five dual contacts are indented (209) enabling the finger to feel when a contact is being made.

The sliding member is firmly held against the fixed member and allowed to slide against the fixed member with the help of housings at both ends of the switch (206). The housing has the sliding member ends enclosed in the fixed member ends.

The side of the sliding member that comes in contact with the index finger has protruding bars (207) and stops bars (208), allowing the finger to get friction grip on the sliding member and to mark the two ends of the sliding member between which the index finger can be positioned.

FIG. 5A and 5B show, for video screen based devices, a selection data display format called Display Configuration. The format shows a set of choices, and for each choice a set of sub-choices, from which a selection of one or more is

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desired (26). This format may be co-used on a screen on the upper or the lower part of the screen along with the display of application data on the remainder of the screen by overlaying it on the video screen along with the application data (27). It may also be used by itself to cover the entire video screen (26). In this format, the choice and sub-choice are represented by a closed figure with borders (28), while the space inside the figure identifies the choice (29). The sub-choice may also be represented by a partially hidden figure behind the closed figure in the front (30). The choice figures are displayed in a column (26a) and the sub-choice figures are displayed in rows (26b).

FIG. 6 shows the details of closed figures. The format for each closed figure may further include the closed figure having four sides (31) and the four sided figure having smaller closed figures and or numbers defining choice selection history and selection sequence within the closed figure (32). In this format, the cursor may rest on one of the choices and may further include a choice selection highlighted by highlighting in color and or thickness atleast two sides of the closed figure (33).

The format may also include one or more additional closed figures. The content of one may be used to record the selection history of the choices (34). The content of another may be used to identify the events in the form of priority of channels for interrupt (35).

With reference to FIG. 7, it shows the remote control device is part of a Control Mechanism, including a device to be controlled. The controlled device (36) has a video screen (37) enabling the visual display of control and selection choices, a digital general purpose computer (38), a computer operating system for operating modes to be controlled (39), and a receiving mechanism (40). In the remote control device, the transmitting means transmit the signals out of the remote control body. The receiving mechanism of the controlled device (40) receives the signals.

A programmable logic (41), within the computer, receives the signals via the receiving mechanism, controls the display of selection choices on the video screen and interfaces with the computer operating system to affect its operating modes.

The programmable logic includes: a first datafile containing content of selection choice data and display of this data on video screen (42); maintenance of logic state based on sequence of the switch activations (43); maintenance and control of cursor movement based on the annular switch activations (44); a second data file (45) containing information on operating modes of the operating system.

The programmable logic enables the display of selection screens, enables selection of a choice from the first data file, enables the operating mode identified in the second data file for display of the selected operating mode on to the video screen (46).

First datafile content (42) and its display format consists of a set of choices, and for each choice a set of sub-choices, from which a selection of one or more is desired.

In the Control Mechanism embodiment, the Remote Control Device using its annular switch is used to issue the cursor movement and rate of movement commands. The center switch activates the cursor identified selection. The index finger switch is used for escape forward, backward command and other mode commands.

In the Control Mechanism, the device to be controlled could be television set (47). The television preferably has means to externally input a datafile containing current and future program selection choices via cable/TV top set.

Although the present invention has been described in considerable detail with regard to the preferred version

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thereof, other versions are possible. Therefore, the appended claims should not be limited to the description of the preferred versions contained herein.

What is claimed is:

1. A remote control device adapted for use by a human to control and select from a screen, the screen including a plurality of choices and a cursor, the remote control device comprising:

a body adapted to be held by the human hand, the body having a top side and a bottom side;

a thumb switch positioned on the top side of the body, the thumb switch being adapted for activation by a human thumb, the thumb switch being adapted to perform multiple functions; wherein the thumb switch includes a center switch and an annular switch which surrounds the center switch, the annular switch being adapted to operate independently from the center switch; wherein the annular switch is adapted to effect movement of the cursor between the plurality of choices and the center switch is adapted to effect selection of one of the choices identified by the cursor;

electronic means adapted to generate a signal upon activation of one of the switches; and

transmitting means for transmitting the signal from the electronic means.

2. The remote control device of claim 1, wherein the annular switch including four individual quadrant switches.

3. The device of claim 2 wherein at least one of the quadrant switches includes a thumb base plate having a plurality of spaced apart electrical contacts and a thumb switch plate which is adapted to move relative to the thumb base plate, wherein the thumb switch plate selectively and independently contacts each of the electrical contacts upon sufficient movement of the thumb switch plate relative to the thumb base plate, wherein the electrical contacts are fixed relative to the thumb base plate.

4. The remote control device of claim 1 further comprising a finger switch positioned on the bottom side of the body, the finger switch being adapted to be activated by a human finger.

5. The device of claim 4 wherein the finger switch is adapted to perform multiple functions and the finger switch includes a slidable, finger switch plate which is adapted to be moved by the human finger relative to a finger base plate, the finger base plate including a plurality of electrical contacts, wherein the electrical contacts are fixed relative to the body; wherein movement of the finger switch plate relative to the finger base plate causes the finger switch plate to selectively interact with the electrical contacts on the finger base plate.

6. The device of claim 2 wherein the electronic means includes logic converting means for converting movement of individual quadrant switches to movement of a cursor on a display peripheral, wherein the distance of movement of the cursor varies according to the degree of thumb pressure on the quadrant switch and duration of contact.

7. The device of claim 1 including an electronic display window secured to the body; wherein the electronic means generates status information which is displayed on the electronic display.

8. A control mechanism comprising:

a display peripheral including a set of choices and a cursor, each choice having a set of sub-choices from

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which a selection of one or more sub-choices is desired, the cursor being movable between the choices and the sub-choices; and

a control device including a multiple function, thumb switch, the thumb switch including a center switch and an annular switch substantially surrounding the center switch, the annular switch being adapted to effect movement of the cursor between the plurality of choices and sub-choices and the center switch being adapted to effect selection of one of the choices and sub-choices identified by the cursor, wherein the annular switch is adapted to operate independently of the center switch.

9. The control mechanism of claim 8 including a programmable logic, the programmable logic comprising:

a first data file containing the selection choice data;

a first function means for maintenance of logic state based on sequence of the switch activations and a second function means for maintenance of a cursor's movement based on the annular switch activations;

a second data file containing operating modes of an operating system, wherein each choice data from the first data file has a corresponding operating mode in the second data file, whereby the programmable logic enabling the display of a selection screen populated with selection choice data from the first data file, enabling selection of a choice from the selection screen, enabling the corresponding operating mode identified in the second data file to be invoked.

10. The control mechanism of claim 8, wherein the sub-choices for one of the choices are represented by a Figure partially hidden by the sub-choices.

11. The control device of claim 8, wherein the degree of pressure on the annular switch controls the rate of cursor movement.

12. A control mechanism adapted to be used with a device which utilizes a computer, the control mechanism comprising:

a display peripheral for the computer, the display peripheral including a plurality of choices, at least one of the choices including a plurality of sub-choices, the display peripheral also including a cursor adapted to be moved between the choices and sub-choices; and

a remote control device including: (i) a body adapted to be held by a human hand, the body having a top side and a bottom side; (ii) a multiple function thumb switch positioned proximate to the top side, the thumb switch being adapted to be activated by a human thumb to activate the multiple functions of the thumb switch without physically separating the thumb from the thumb switch; (iii) an index finger switch positioned on the bottom side, the finger switch being adapted to be operated by sliding motion of index finger; (iv) an electronic means secured to the body, the electronic means converting the thumb and index finger switch activations to a signal; and (v) transmitting means adapted to transmit the signal from the electronic means.

13. The control mechanism of claim 12 comprising:

a first data file containing the selection choice data;

a first function means for maintenance of logic state based on sequence of the switch activations and a second function means for maintenance of a cursor's movement based on the switch activations; and

a second data file containing operating modes of an operating system, wherein each choice data from the

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first data file has a corresponding operating mode in the second data file, whereby the programmable logic enabling the display of a selection screen populated with selection choice data from the first data file, enabling selection of a choice from the selection screen, enabling the corresponding operating mode identified in the second data file to be invoked.

14. The control mechanism of claim 12, wherein the sub-choices of at least one by a figure which is partially hidden by the choice.

15. The control mechanism of claim 12, wherein the annular switch controls cursor rate and duration of movement among the choices and sub-choices, and the center

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switch identifies the selection and wherein the annular switch is adapted to operate independently of the center switch.

16. The device of claim 1 wherein the annular switch includes four individual quadrant switches, at least one of the quadrant switches including a thumb base plate having a plurality of spaced apart electrical contacts and a thumb switch plate which is adapted to move relative to the thumb base plate, wherein the thumb switch plate selectively and independently contacts each of the electrical contacts upon sufficient movement of the thumb switch plate relative to the thumb base plate.

* * * * *

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**EX PARTE
REEXAMINATION CERTIFICATE
ISSUED UNDER 35 U.S.C. 307**

THE PATENT IS HEREBY AMENDED AS
INDICATED BELOW.

Matter enclosed in heavy brackets [] appeared in the patent, but has been deleted and is no longer a part of the patent; matter printed in italics indicates additions made to the patent.

AS A RESULT OF REEXAMINATION, IT HAS BEEN
DETERMINED THAT:

The patentability of claims 12-15 is confirmed.

Claims 1 and 8 are determined to be patentable as amended.

Claims 2-7, 9-11 and 16, dependent on an amended claim, are determined to be patentable.

New claim 17 is added and determined to be patentable.

1. A remote control device adapted for use by a human to control and select from a screen, the screen including a plurality of choices and a cursor, the remote control device comprising:

- a body adapted to be held by the human hand, the body having a top side and a bottom side;
- a thumb switch positioned on the top side of the body, the thumb switch being adapted for activation by a human thumb, the thumb switch being adapted to perform multiple functions; wherein the thumb switch includes a center switch [and], an annular switch [which] and a cover plate, the annular switch including only four switches and the cover plate covers the four switches, wherein the annular switch surrounds the center switch, the annular switch being adapted to operate independently from the center switch; wherein the annular switch is adapted to effect movement of the cursor between the plurality of choices and the center switch is adapted to effect selection of one of the choices identified by the cursor;

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electronic means adapted to generate a signal upon activation of one of the switches; and

transmitting means for transmitting the signal from the electronic means.

8. A control mechanism comprising:

a display peripheral including a set of choices and a cursor, each choice having a set of sub-choices from which a selection of one or more sub-choices is desired, the cursor being movable between the choices and the sub-choices; and

a control device including a multiple function, thumb switch, the thumb switch including a center switch [and], an annular switch *including only four switches* substantially surrounding the center switch, and a cover plate that covers the annular switch, wherein the annular switch being adapted to effect movement of the cursor between the plurality of choices and sub-choices and the center switch being adapted to effect selection of one of the choices and sub-choices identified by the cursor, wherein the annular switch is adapted to operate independently of the center switch.

17. A control mechanism comprising:

a display peripheral including a set of choices and a cursor, each choice having a set of sub-choices from which a selection of one or more sub-choices is desired, the cursor being movable between the choices and the sub-choices;

a control device including a multiple function thumb switch, the thumb switch including a center switch, an annular switch having only four switches that substantially surround the center switch, and a cover plate that covers a plurality of these switches, the annular switch being adapted to effect movement of the cursor between the plurality of choices and sub-choices and the center switch being adapted to effect selection of one of the choices and sub-choices identified by the cursor, wherein the annular switch is adapted to operate independently of the center switch; and

a hand held device having, the multi-function thumb switch that is able to be operated by either hand's thumb and a display screen of the display peripheral as part of the hand held device.

* * * * *

**UNITED STATES DISTRICT COURT
CENTRAL DISTRICT OF CALIFORNIA**

NOTICE OF ASSIGNMENT TO UNITED STATES MAGISTRATE JUDGE FOR DISCOVERY

This case has been assigned to District Judge Christina A. Snyder and the assigned discovery Magistrate Judge is Andrew J. Wistrich.

The case number on all documents filed with the Court should read as follows:

CV10- 2232 CAS (AJWx)

Pursuant to General Order 05-07 of the United States District Court for the Central District of California, the Magistrate Judge has been designated to hear discovery related motions.

All discovery related motions should be noticed on the calendar of the Magistrate Judge

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NOTICE TO COUNSEL

A copy of this notice must be served with the summons and complaint on all defendants (if a removal action is filed, a copy of this notice must be served on all plaintiffs).

Subsequent documents must be filed at the following location:

☒ **Western Division**
312 N. Spring St., Rm. G-8
Los Angeles, CA 90012

☐ **Southern Division**
411 West Fourth St., Rm. 1-053
Santa Ana, CA 92701-4516

☐ **Eastern Division**
3470 Twelfth St., Rm. 134
Riverside, CA 92501

Failure to file at the proper location will result in your documents being returned to you.

UNITED STATES DISTRICT COURT, CENTRAL DISTRICT OF CALIFORNIA
CIVIL COVER SHEET

I (a) PLAINTIFFS (Check box if you are representing yourself <input type="checkbox"/>) MAN MACHINE INTERFACE TECHNOLOGIES, LLC	DEFENDANTS PHILIPS ELECTRONICS NORTH AMERICA CORPORATION
(b) Attorneys (Firm Name, Address and Telephone Number. If you are representing yourself, provide same.) Robert A. Schroeder, SHELDON MAK ROSE & ANDERSON PC 100 Corson Street, Third Floor, Pasadena, California 91103-3842 T: 626.796.4000; F: 626.79.6321	Attorneys (If Known)

II. BASIS OF JURISDICTION (Place an X in one box only.) <input type="checkbox"/> 1 U.S. Government Plaintiff <input checked="" type="checkbox"/> 3 Federal Question (U.S. Government Not a Party) <input type="checkbox"/> 2 U.S. Government Defendant <input type="checkbox"/> 4 Diversity (Indicate Citizenship of Parties in Item III)	III. CITIZENSHIP OF PRINCIPAL PARTIES - For Diversity Cases Only (Place an X in one box for plaintiff and one for defendant.) <table style="width:100%; border: none;"> <tr> <td style="width:33%; border: none;">Citizen of This State</td> <td style="width:10%; border: none; text-align: center;">PTF</td> <td style="width:10%; border: none; text-align: center;">DEF</td> <td style="width:33%; border: none;"></td> <td style="width:10%; border: none; text-align: center;">PTF</td> <td style="width:10%; border: none; text-align: center;">DEF</td> </tr> <tr> <td style="border: none;"></td> <td style="border: none; text-align: center;"><input type="checkbox"/> 1</td> <td style="border: none; text-align: center;"><input type="checkbox"/> 1</td> <td style="border: none;">Incorporated or Principal Place of Business in this State</td> <td style="border: none; text-align: center;"><input type="checkbox"/> 4</td> <td style="border: none; text-align: center;"><input type="checkbox"/> 4</td> </tr> <tr> <td style="border: none;">Citizen of Another State</td> <td style="border: none; text-align: center;"><input type="checkbox"/> 2</td> <td style="border: none; text-align: center;"><input type="checkbox"/> 2</td> <td style="border: none;">Incorporated and Principal Place of Business in Another State</td> <td style="border: none; text-align: center;"><input type="checkbox"/> 5</td> <td style="border: none; text-align: center;"><input type="checkbox"/> 5</td> </tr> <tr> <td style="border: none;">Citizen or Subject of a Foreign Country</td> <td style="border: none; text-align: center;"><input type="checkbox"/> 3</td> <td style="border: none; text-align: center;"><input type="checkbox"/> 3</td> <td style="border: none;">Foreign Nation</td> <td style="border: none; text-align: center;"><input type="checkbox"/> 6</td> <td style="border: none; text-align: center;"><input type="checkbox"/> 6</td> </tr> </table>	Citizen of This State	PTF	DEF		PTF	DEF		<input type="checkbox"/> 1	<input type="checkbox"/> 1	Incorporated or Principal Place of Business in this State	<input type="checkbox"/> 4	<input type="checkbox"/> 4	Citizen of Another State	<input type="checkbox"/> 2	<input type="checkbox"/> 2	Incorporated and Principal Place of Business in Another State	<input type="checkbox"/> 5	<input type="checkbox"/> 5	Citizen or Subject of a Foreign Country	<input type="checkbox"/> 3	<input type="checkbox"/> 3	Foreign Nation	<input type="checkbox"/> 6	<input type="checkbox"/> 6
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IV. ORIGIN (Place an X in one box only.)
☒ 1 Original Proceeding ☐ 2 Removed from State Court ☐ 3 Remanded from Appellate Court ☐ 4 Reinstated or Reopened ☐ 5 Transferred from another district (specify): ☐ 6 Multi-District Litigation ☐ 7 Appeal to District Judge from Magistrate Judge

V. REQUESTED IN COMPLAINT: JURY DEMAND: ☒ Yes ☐ No (Check 'Yes' only if demanded in complaint.)
CLASS ACTION under F.R.C.P. 23: ☐ Yes ☒ No **MONEY DEMANDED IN COMPLAINT: \$** _____

VI. CAUSE OF ACTION (Cite the U.S. Civil Statute under which you are filing and write a brief statement of cause. Do not cite jurisdictional statutes unless diversity.)
 Title 35, Patent Infringement

VII. NATURE OF SUIT (Place an X in one box only.)

OTHER STATUTES <input type="checkbox"/> 400 State Reapportionment <input type="checkbox"/> 410 Antitrust <input type="checkbox"/> 430 Banks and Banking <input type="checkbox"/> 450 Commerce/ICC Rates/etc. <input type="checkbox"/> 460 Deportation <input type="checkbox"/> 470 Racketeer Influenced and Corrupt Organizations <input type="checkbox"/> 480 Consumer Credit <input type="checkbox"/> 490 Cable/Sat TV <input type="checkbox"/> 810 Selective Service <input type="checkbox"/> 850 Securities/Commodities/Exchange <input type="checkbox"/> 875 Customer Challenge 12 USC 3410 <input type="checkbox"/> 890 Other Statutory Actions <input type="checkbox"/> 891 Agricultural Act <input type="checkbox"/> 892 Economic Stabilization Act <input type="checkbox"/> 893 Environmental Matters <input type="checkbox"/> 894 Energy Allocation Act <input type="checkbox"/> 895 Freedom of Info. Act <input type="checkbox"/> 900 Appeal of Fee Determination Under Equal Access to Justice <input type="checkbox"/> 950 Constitutionality of State Statutes	CONTRACT <input type="checkbox"/> 110 Insurance <input type="checkbox"/> 120 Marine <input type="checkbox"/> 130 Miller Act <input type="checkbox"/> 140 Negotiable Instrument <input type="checkbox"/> 150 Recovery of Overpayment & Enforcement of Judgment <input type="checkbox"/> 151 Medicare Act <input type="checkbox"/> 152 Recovery of Defaulted Student Loan (Excl. Veterans) <input type="checkbox"/> 153 Recovery of Overpayment of Veteran's Benefits <input type="checkbox"/> 160 Stockholders' Suits <input type="checkbox"/> 190 Other Contract <input type="checkbox"/> 195 Contract Product Liability <input type="checkbox"/> 196 Franchise REAL PROPERTY <input type="checkbox"/> 210 Land Condemnation <input type="checkbox"/> 220 Foreclosure <input type="checkbox"/> 230 Rent Lease & Ejectment <input type="checkbox"/> 240 Torts to Land <input type="checkbox"/> 245 Tort Product Liability <input type="checkbox"/> 290 All Other Real Property	TORTS PERSONAL INJURY <input type="checkbox"/> 310 Airplane <input type="checkbox"/> 315 Airplane Product Liability <input type="checkbox"/> 320 Assault, Libel & Slander <input type="checkbox"/> 330 Fed. Employers' Liability <input type="checkbox"/> 340 Marine <input type="checkbox"/> 345 Marine Product Liability <input type="checkbox"/> 350 Motor Vehicle <input type="checkbox"/> 355 Motor Vehicle Product Liability <input type="checkbox"/> 360 Other Personal Injury <input type="checkbox"/> 362 Personal Injury-Med Malpractice <input type="checkbox"/> 365 Personal Injury-Product Liability <input type="checkbox"/> 368 Asbestos Personal Injury Product Liability IMMIGRATION <input type="checkbox"/> 462 Naturalization Application <input type="checkbox"/> 463 Habeas Corpus-Alien Detainee <input type="checkbox"/> 465 Other Immigration Actions	TORTS PERSONAL PROPERTY <input type="checkbox"/> 370 Other Fraud <input type="checkbox"/> 371 Truth in Lending <input type="checkbox"/> 380 Other Personal Property Damage <input type="checkbox"/> 385 Property Damage Product Liability BANKRUPTCY <input type="checkbox"/> 422 Appeal 28 USC 158 <input type="checkbox"/> 423 Withdrawal 28 USC 157 CIVIL RIGHTS <input type="checkbox"/> 441 Voting <input type="checkbox"/> 442 Employment <input type="checkbox"/> 443 Housing/Accommodations <input type="checkbox"/> 444 Welfare <input type="checkbox"/> 445 American with Disabilities - Employment <input type="checkbox"/> 446 American with Disabilities - Other <input type="checkbox"/> 440 Other Civil Rights	PRISONER PETITIONS <input type="checkbox"/> 510 Motions to Vacate Sentence <input type="checkbox"/> 530 Habeas Corpus General <input type="checkbox"/> 535 Death Penalty <input type="checkbox"/> 540 Mandamus/Other <input type="checkbox"/> 550 Civil Rights <input type="checkbox"/> 555 Prison Condition FORFEITURE / PENALTY <input type="checkbox"/> 610 Agriculture <input type="checkbox"/> 620 Other Food & Drug <input type="checkbox"/> 625 Drug Related Seizure of Property 21 USC 881 <input type="checkbox"/> 630 Liquor Laws <input type="checkbox"/> 640 R.R. & Truck <input type="checkbox"/> 650 Airline Regs <input type="checkbox"/> 660 Occupational Safety/Health <input type="checkbox"/> 690 Other	LABOR <input type="checkbox"/> 710 Fair Labor Standards Act <input type="checkbox"/> 720 Labor/Mgmt. Relations <input type="checkbox"/> 730 Labor/Mgmt. Reporting & Disclosure Act <input type="checkbox"/> 740 Railway Labor Act <input type="checkbox"/> 790 Other Labor Litigation <input type="checkbox"/> 791 Empl. Ret. Inc. Security Act PROPERTY RIGHTS <input type="checkbox"/> 820 Copyrights <input checked="" type="checkbox"/> 830 Patent <input type="checkbox"/> 840 Trademark SOCIAL SECURITY <input type="checkbox"/> 861 HIA (1395ff) <input type="checkbox"/> 862 Black Lung (923) <input type="checkbox"/> 863 DIWC/DIWW (405(g)) <input type="checkbox"/> 864 SSID Title XVI <input type="checkbox"/> 865 RSI (405(g)) FEDERAL TAX SUITS <input type="checkbox"/> 870 Taxes (U.S. Plaintiff or Defendant) <input type="checkbox"/> 871 IRS-Third Party 26 USC 7609
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FOR OFFICE USE ONLY: Case Number:

CV 10-02232

AFTER COMPLETING THE FRONT SIDE OF FORM CV-71, COMPLETE THE INFORMATION REQUESTED BELOW.

UNITED STATES DISTRICT COURT, CENTRAL DISTRICT OF CALIFORNIA
CIVIL COVER SHEET

VIII(a). **IDENTICAL CASES:** Has this action been previously filed in this court and dismissed, remanded or closed? ☒ No ☐ Yes
If yes, list case number(s): _____

VIII(b). **RELATED CASES:** Have any cases been previously filed in this court that are related to the present case? ☐ No ☒ Yes
If yes, list case number(s): CV-09-7901 JFW (AJWx)

Civil cases are deemed related if a previously filed case and the present case:

- (Check all boxes that apply) ☐ A. Arise from the same or closely related transactions, happenings, or events; or
☒ B. Call for determination of the same or substantially related or similar questions of law and fact; or
☐ C. For other reasons would entail substantial duplication of labor if heard by different judges; or
☒ D. Involve the same patent, trademark or copyright, and one of the factors identified above in a, b or c also is present.

IX. VENUE: (When completing the following information, use an additional sheet if necessary.)

- (a) List the County in this District; California County outside of this District; State if other than California; or Foreign Country, in which **EACH** named plaintiff resides.
☐ Check here if the government, its agencies or employees is a named plaintiff. If this box is checked, go to item (b).

County in this District:*	California County outside of this District; State, if other than California; or Foreign Country
Los Angeles County	

- (b) List the County in this District; California County outside of this District; State if other than California; or Foreign Country, in which **EACH** named defendant resides.
☐ Check here if the government, its agencies or employees is a named defendant. If this box is checked, go to item (c).

County in this District:*	California County outside of this District; State, if other than California; or Foreign Country
	Philips Electronics North America Corporation - Massachusetts

- (c) List the County in this District; California County outside of this District; State if other than California; or Foreign Country, in which **EACH** claim arose.
Note: In land condemnation cases, use the location of the tract of land involved.

County in this District:*	California County outside of this District; State, if other than California; or Foreign Country
Los Angeles County	

* Los Angeles, Orange, San Bernardino, Riverside, Ventura, Santa Barbara, or San Luis Obispo Counties

Note: In land condemnation cases, use the location of the tract of land involved

X. SIGNATURE OF ATTORNEY (OR PRO PER):

Robert A. Schuch

Date 3-26-01

Notice to Counsel/Parties: The CV-71 (JS-44) Civil Cover Sheet and the information contained herein neither replace nor supplement the filing and service of pleadings or other papers as required by law. This form, approved by the Judicial Conference of the United States in September 1974, is required pursuant to Local Rule 3-1 is not filed but is used by the Clerk of the Court for the purpose of statistics, venue and initiating the civil docket sheet. (For more detailed instructions, see separate instructions sheet.)

Key to Statistical codes relating to Social Security Cases:

Nature of Suit Code	Abbreviation	Substantive Statement of Cause of Action
861	HIA	All claims for health insurance benefits (Medicare) under Title 18, Part A, of the Social Security Act, as amended. Also, include claims by hospitals, skilled nursing facilities, etc., for certification as providers of services under the program. (42 U.S.C. 1935FF(b))
862	BL	All claims for "Black Lung" benefits under Title 4, Part B, of the Federal Coal Mine Health and Safety Act of 1969. (30 U.S.C. 923)
863	DIWC	All claims filed by insured workers for disability insurance benefits under Title 2 of the Social Security Act, as amended; plus all claims filed for child's insurance benefits based on disability. (42 U.S.C. 405(g))
863	DIWW	All claims filed for widows or widowers insurance benefits based on disability under Title 2 of the Social Security Act, as amended. (42 U.S.C. 405(g))
864	SSID	All claims for supplemental security income payments based upon disability filed under Title 16 of the Social Security Act, as amended.
865	RSI	All claims for retirement (old age) and survivors benefits under Title 2 of the Social Security Act, as amended. (42 U.S.C. (g))

Name & Address:

Robert A. Schroeder (State Bar No. 73913)
 Douglas H. Morseburg (State Bar No. 126205)
 SHELDON MAK ROSE & ANDERSON
 100 Corson Street, Third Floor
 Pasadena, California 91103-3842 T:626.796.4000

UNITED STATES DISTRICT COURT
 CENTRAL DISTRICT OF CALIFORNIA

MAN MACHINE INTERFACE TECHNOLOGIES,
 LLC,

PLAINTIFF(S)

v.

PHILIPS ELECTRONICS NORTH AMERICA
 CORPORATION, a *MASSACHUSETTS*
CORPORATION.

DEFENDANT(S).

CASE NUMBER

CV10-2232-CAS (AJWx)

SUMMONS

TO: DEFENDANT(S): PHILIPS ELECTRONICS NORTH AMERICA CORPORATION

A lawsuit has been filed against you.

Within 21 days after service of this summons on you (not counting the day you received it), you must serve on the plaintiff an answer to the attached ☒ complaint ☐ amended complaint ☐ counterclaim ☐ cross-claim or a motion under Rule 12 of the Federal Rules of Civil Procedure. The answer or motion must be served on the plaintiff's attorney, Robert A. Schroeder, whose address is 100 Corson Street, Third Floor, Pasadena, California 91103-3842. If you fail to do so, judgment by default will be entered against you for the relief demanded in the complaint. You also must file your answer or motion with the court.

Clerk, U.S. District Court

Dated: 26 MAR 2010By: *Maury Dan*

Deputy Clerk

(Seal of the Court)

[Use 60 days if the defendant is the United States or a United States agency, or is an officer or employee of the United States. Allowed 60 days by Rule 12(a)(3)].