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Vuong

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(54) **CHILD CAR SEAT WITH ENHANCED FEATURES**

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A47D 1/10 (2006.01)
A47C 7/72 (2006.01)

(52) **U.S. Cl.** **297/250.1**; 297/256.16; 297/217.3; 297/217.4; 297/217.6

(58) **Field of Classification Search** 297/217.3, 297/217.4, 217.6, 250.1, 256.16
See application file for complete search history.

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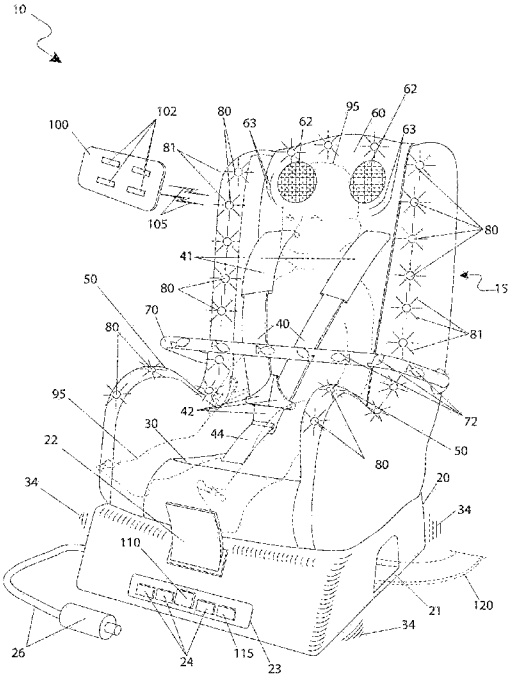
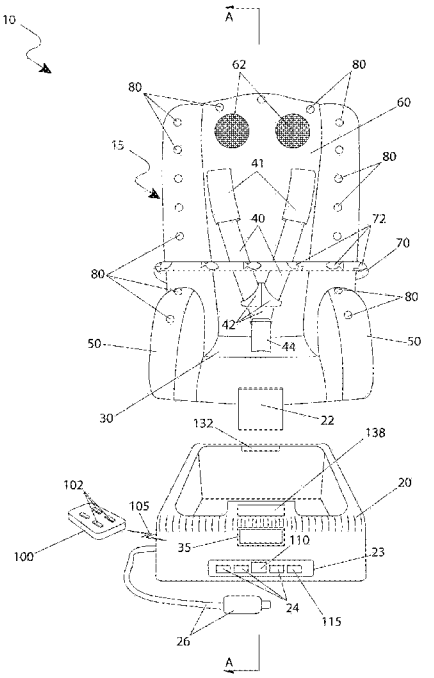
(57) **ABSTRACT**

A child car seat with electronic entertainment features is herein disclosed, comprising an integral sound system with pre-recorded sounds or music, and a pair of speakers embedded in the car seat near the child's head. Also, a plurality of flashing lights that can be synchronized with the music is provided along a perimeter region. Finally, a vibrating mechanism in the base of the seat may operate in a synchronous manner with the music or provide a soothing and comforting effect thereto the child to lull the child to sleep. The seat is capable of manual or automatic operation as selected using a front-mounted switch control panel or may be controlled remotely via a handheld wireless controller. The car seat is powered by connection to a cigarette lighter socket within the vehicle.

13 Claims, 4 Drawing Sheets





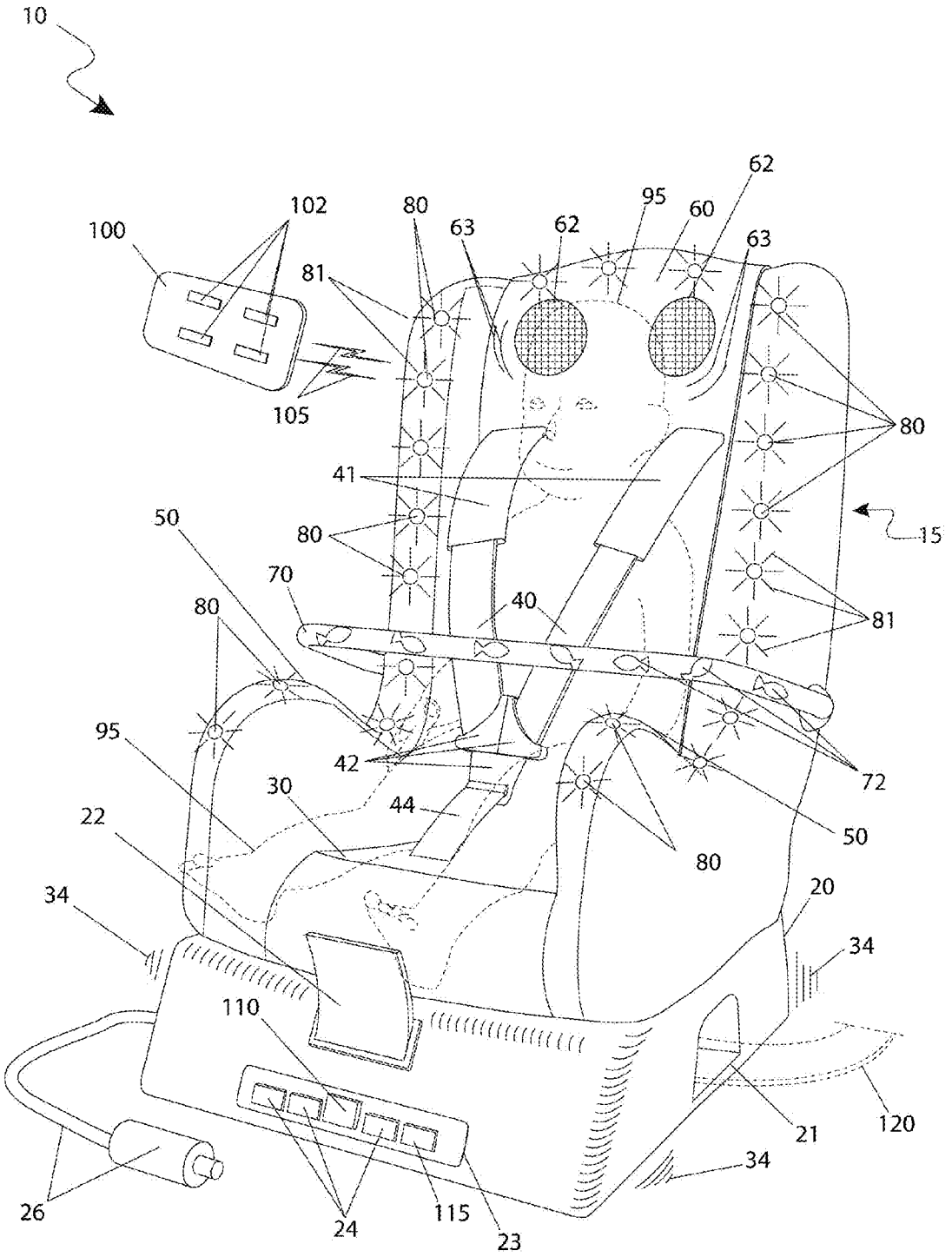

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Fig. 1

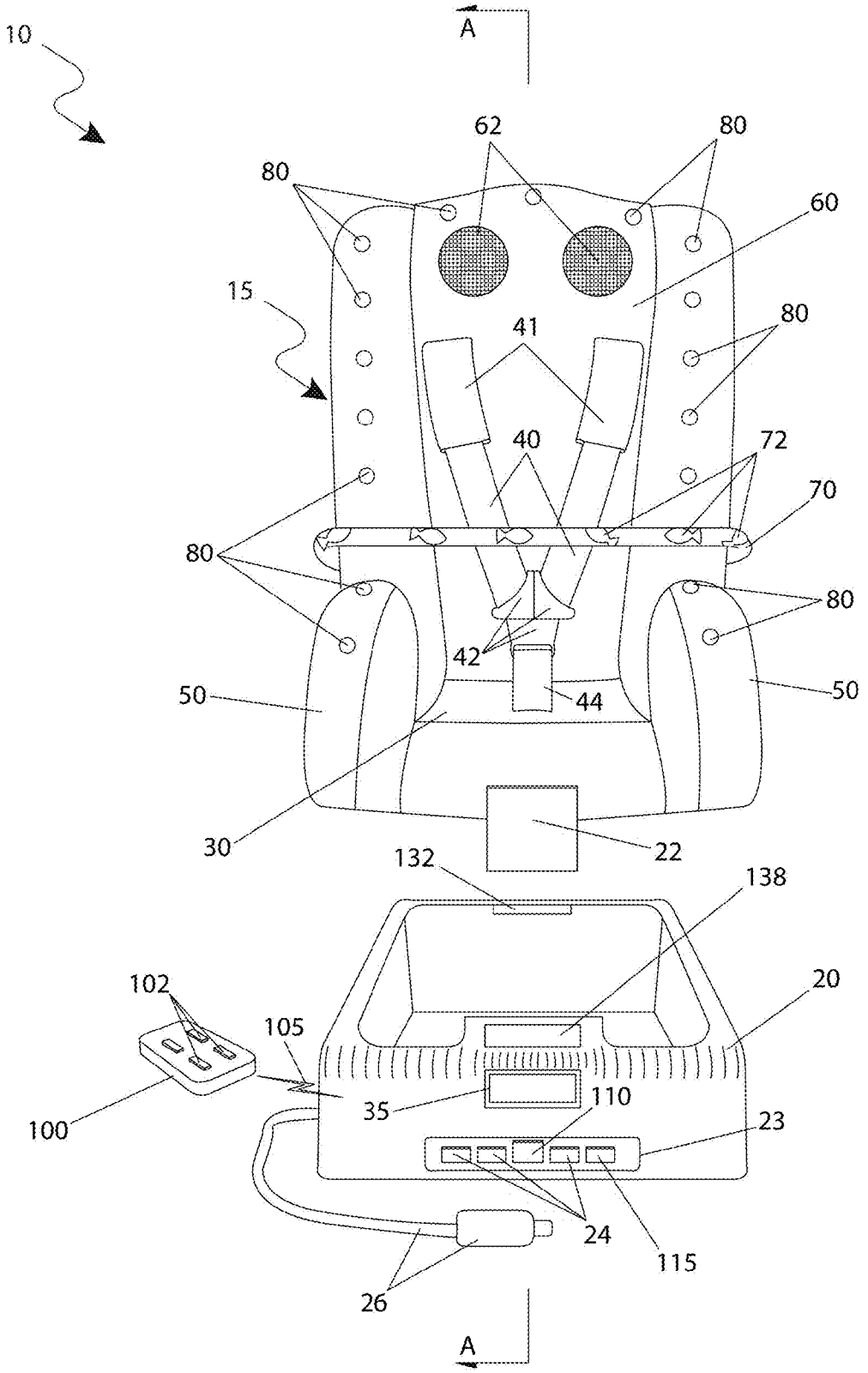
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Fig. 2

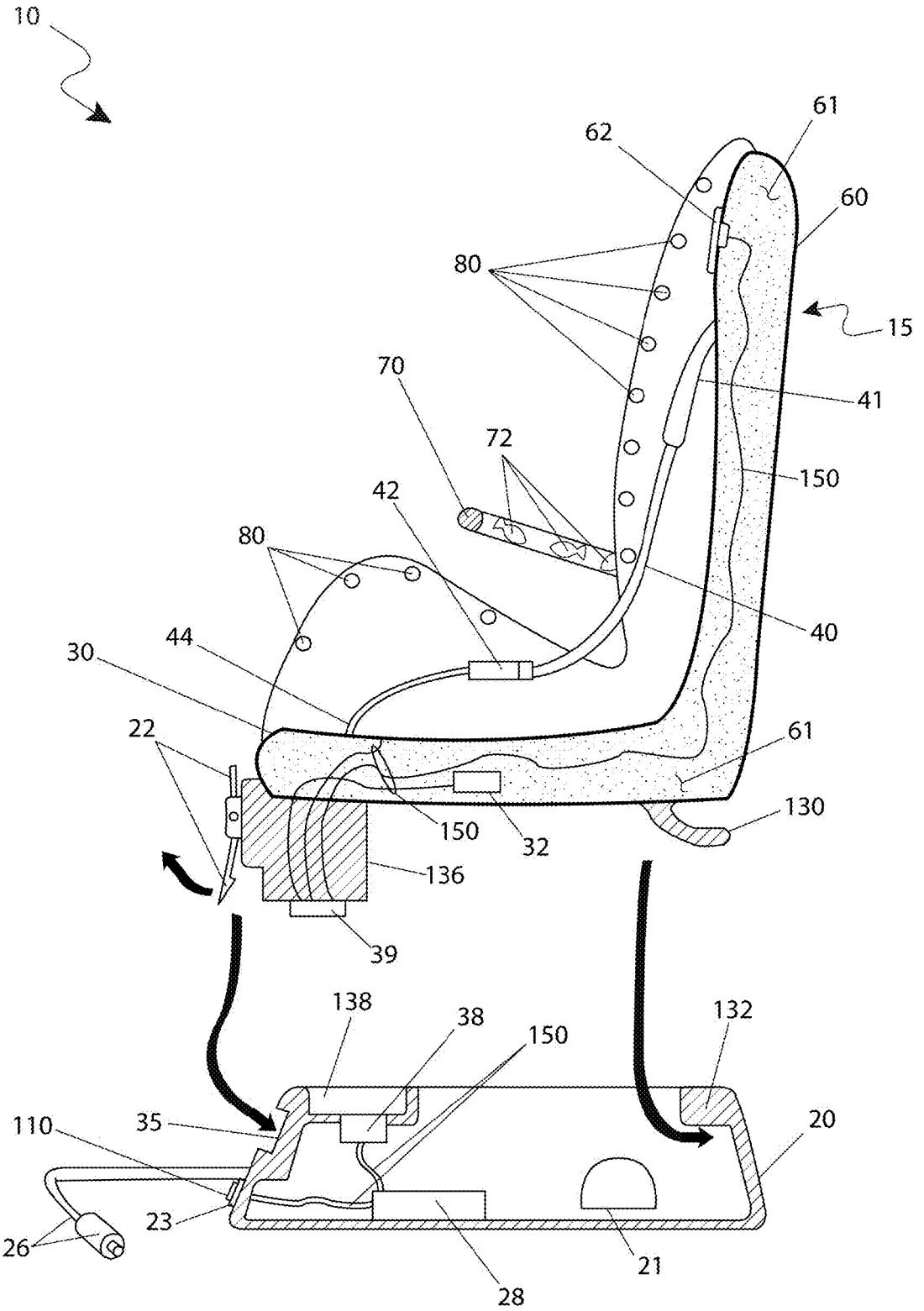
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Fig. 3

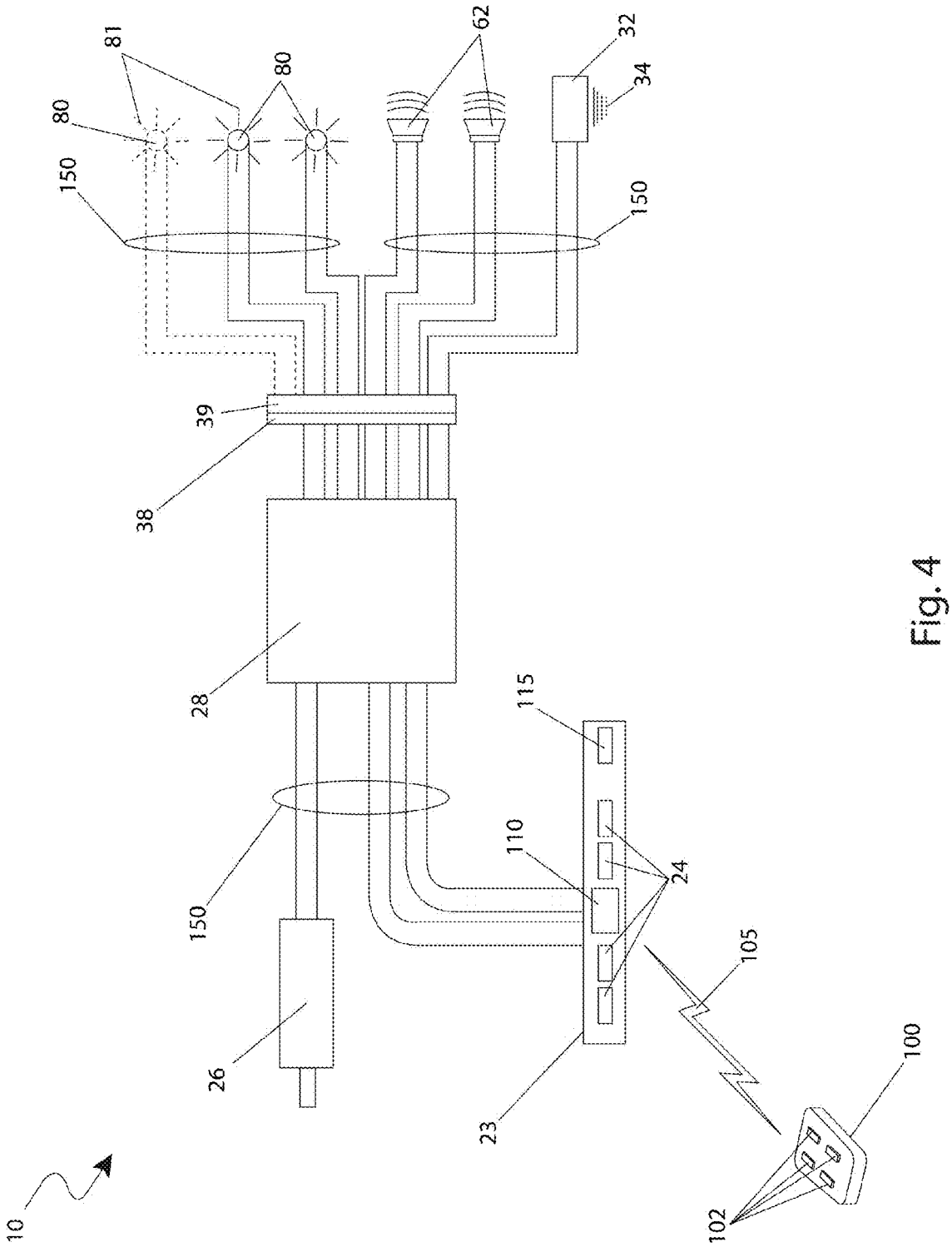
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Fig. 4

CHILD CAR SEAT WITH ENHANCED FEATURES

RELATED APPLICATIONS

The present invention was first described in and claims the benefit of U.S. Provisional Application No. 61/192,498, filed Sep. 19, 2008, the entire disclosures of which are incorporated herein by reference.

FIELD OF THE INVENTION

The present invention relates generally to child car seats, and more particularly, to a battery-operated child car seat that protects a child and entertains and stimulates the child by integral electronic entertainment features.

BACKGROUND OF THE INVENTION

For parents and others involved in raising children, nothing even comes close to the importance placed on ensuring the child's safety at all times, day and night. This notion is perhaps best demonstrated in the safety precautions taken while traveling in an automobile. By law, small children are to be placed in safety seats at all times while traveling in an automobile. Various types of child car seats and restraints exist to reduce the risk of injury to a child in the event of a vehicle accident or similar event which can occur while driving. While car seats provide the best safety for the child that technology can provide, these seats lack any entertainment or amusement for the child. In fact, the immobilization of the child may cause temper tantrums, crying, whining and the like, much to the dismay of the driver or fellow passengers.

Devices have attempted to provide entertainment and amusement to children while riding in a vehicle. These attempts can be seen by example is several U.S. patents, including U.S. Pat. Nos. 5,147,109, issued in the name of Jolly, which describes a car seat with an audible reproduction mechanism mounted within a base portion; 5,482,352, issued in the name of Leal et al., which describes a child seat with a compartment for carrying an audio source; 5,624,156, issued in the name of Leal et al., which describes a child safety seat with entertainment system having speakers and an audio source; and 7,039,207, issued in the name of Elrod et al., which describes an entertainment and pacification system for a car seat having speakers, audio sources, and an anti-noise audio system.

Additionally, ornamental designs for child seats exist, particularly, U.S. Pat. Nos. D 483,576, issued in the name of Kassai et al.; D 487,640, issued in the name of Chen; and D 537,640, issued in the name of Spence et al. However, none of these designs are similar to the present invention.

While these attempts fulfill their respective, particular objectives, each suffers from one or more of the disadvantages or deficiencies. Accordingly, there is a need for a means by which infants and children placed in car seats can be provided with a means to entertain, amuse, and soothe them. The development of the present invention substantially departs from the conventional solutions and in doing so fulfills this need.

SUMMARY OF THE INVENTION

In view of the foregoing references, the inventor recognized the aforementioned inherent problems and observed that there is a need for a child safety car seat provided with various electronic components which makes car travel enjoyable for both a child and thus, the object of the present invention is to solve the aforementioned disadvantages and provides for this need.

Another object of the present invention is to provide an apparatus that reduces the stress on a driver or passengers of an automobile caused by a non-entertained and fussy child.

Another object of the present invention is to provide an apparatus that provides various means of audible reproduction which sooth a child.

Another object of the present invention is to provide an apparatus that provides visual stimulus to a restrained child.

Another object of the present invention is to provide an apparatus that provides an integral means of vibration to sooth and comfort the child.

Another object of the present invention is to provide the child car seat with various means of operational control and electrical power.

Another object of the present invention is to provide a durable, safe, and effective child restraint for use while traveling in automobiles.

To achieve the above objectives, the present invention provides a child car seat with entertaining electronic effects including sound, illumination, and vibration. The apparatus generally comprises a car seat assembly having a base portion and a seat portion, a pushbutton housing, a power adapter, a pair of speakers, a handle, a plurality of lights, a vibration means, a remote controller, and a wireless signal receiver.

In a preferred embodiment a feature of the present invention is a music system that provides playback of pre-recorded or externally received music through a pair of speakers embedded in a car seat backrest portion that is adjacent to an occupying child's head.

Another feature of the present invention is a plurality of flashing color lights arranged along outer edges that provide various flashing illuminated effects.

Another feature of the present invention is a vibrating mechanism located within a base portion of the seat that produces vibration effects, which sooths and comforts the child.

Another feature of the present invention is functional control provided manually by using front-mounted pushbuttons or using a wireless remote controller.

Another feature of the present invention is to provide electrical power via a cigarette lighter adapter, thereby utilizing the vehicle's 12-volt electrical system.

The present invention provides a method of utilizing the apparatus that provides young children multiple activities to amuse them with while traveling in an automobile providing a more enjoyable trip for them and the driver and other passengers.

Further objects and advantages of the present invention will become apparent from a consideration of the drawings and ensuing description.

BRIEF DESCRIPTION OF THE DRAWINGS

The advantages and features of the present invention will become better understood with reference to the following more detailed description and claims taken in conjunction with the accompanying drawings, in which like elements are identified with like symbols, and in which:

FIG. **1** is a perspective view of a child car seat with enhanced features **10**, according to a preferred embodiment of the present invention;

FIG. **2** is a front view of the child car seat with enhanced features **10**, according to a preferred embodiment of the present invention;

FIG. **3** is a section view of the child car seat with enhanced features **10** taken along section line A-A (see FIG. **2**), according to a preferred embodiment of the present invention; and,

FIG. **4** is an electrical block diagram of the child car seat with enhanced features **10**, according to a preferred embodiment of the present invention.

DESCRIPTIVE KEY

10 child car seat with enhanced features
15 car seat assembly
20 base portion
21 seat belt tunnel
22 release clasp
23 pushbutton housing
24 pushbutton
26 power adapter
28 control module
30 seat portion
32 vibration means
34 vibration
35 release catch
38 first connector
39 second connector
40 shoulder strap
41 shoulder strap padding
42 strap latch
44 crotch strap
50 arm rest portion
60 backrest portion
61 foam filling
62 speaker
63 sound
70 handle
72 decorative indicia
80 light
81 illumination
95 child
100 remote controller
102 remote controller button
105 signal
110 signal receiver
115 interface port
120 seat belt
130 first rear latching feature
132 second rear latching feature
136 first front latching feature
138 second front latching feature
150 wiring

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

The best mode for carrying out the invention is presented in terms of its preferred embodiment, herein depicted within FIGS. **1** through **4**. However, the invention is not limited to the described embodiment and a person skilled in the art will appreciate that many other embodiments of the invention are possible without deviating from the basic concept of the invention, and that any such work around will also fall under scope of this invention. It is envisioned that other styles and configurations of the present invention can be easily incorporated into the teachings of the present invention, and only one particular configuration shall be shown and described for purposes of clarity and disclosure and not by way of limitation of scope.

The terms "a" and "an" herein do not denote a limitation of quantity, but rather denote the presence of at least one of the referenced items.

The present invention describes a child car seat with enhanced features (herein described as the "apparatus") **10** comprising entertaining electronic effects including sound **63**, illumination **81**, and vibration **34**. A music system provides playback of pre-recorded or externally received music **63** through a pair of speakers **62** embedded therein a car seat backrest portion **60** being adjacent thereto an occupying child's head **95**. A plurality of flashing color lights **80** arranged along outer edges provide various flashing illuminated effects **81**. A vibrating mechanism **32** located within a base portion **20** of the apparatus **10** produces vibration effects **34**, which sooths and comforts the child **95**. The features of the apparatus **10** are controlled manually using front-mounted pushbuttons **24** or from a distance using a wireless remote controller **100**. The apparatus **10** is powered via a cigarette lighter adapter **26**, thereby utilizing a vehicle's 12-volt electrical system.

Referring now to FIGS. **1** and **2**, a perspective view and a front view of the apparatus **10**, according to the preferred embodiment of the present invention, are disclosed. The apparatus **10** comprises a car seat assembly **15**, a pushbutton housing **23**, a power adapter **26**, a pair of speakers **62**, a handle **70**, a plurality of lights **80**, a remote controller **100**, and a wireless signal receiver **110**.

The apparatus **10** is depicted here comprising a two-piece unit comprising a hard plastic base portion **20** and a removably attached car seat assembly **15**. The base portion **20** provides attachment thereto a vehicle using an existing seatbelt **120**. The apparatus **10** further comprises standard and expected features being similar to those found on many popular car seat models such as, but not limited to: a seat belt tunnel **21**, a foam-filled **61** seat portion **30**, a pair of shoulder straps **40** having padded portions **41**, a strap latch **42**, a crotch strap **44**, a pair of arm rests **50**, a foam-filled **61** backrest portion **60**, and a carrying handle **70**. The seat portion **30** provides manual detachment means therefrom the base portion **20** via a release clasp **22** mechanism. The shoulder straps **40** are envisioned to be affixed securely thereto the seat **30** and back rest **60** portions via common strapping elements including a strap latch **42** and a restraining crotch strap **44** in an expected manner. The car seat assembly **15** is envisioned to be made using common plastic, vinyl, and fabric outer materials introduced in a variety of different colors and patterns, and an inner foam filling **61**. In use, the base portion **20** is secured thereto the vehicle via routing of an existing seatbelt **120** therethrough a seatbelt tunnel feature **21** being integrally-molded thereinto the base portion **20** as seen in FIG. **1**.

The car seat assembly portion **15** further comprises particular enhancements designed to entertain and/or calm a child **95** while seated therein a vehicle. The base portion **20** further comprises an integral pushbutton housing **23** thereabout a front surface providing a user manual control of the entertaining enhancements of the apparatus **10**. The pushbutton housing **23** is envisioned to comprise electronic components such as, but not limited to: a plurality of pushbuttons **24**, a remote controller signal receiver **110** and a software interface port **115**. The pushbuttons **24** comprise common momentary contact-closure devices providing various input signals thereto an internal control module **28** located therewithin the base portion **20** (see FIG. **3**). The pushbuttons **24** provide manual activation of various functions such as, but not limited to: ON/OFF switching, selection of various sleep and entertainment modes, different sound **63** and illumination

effects **81**, menu and routine selection, selection of sounds and music **63**, volume control, illumination **81** brightness control, and the like.

The apparatus **10** receives electrical power via the power adapter **26**, thereby utilizing an available vehicle electrical system to produce said entertaining sounds **63**, illumination **81**, and vibrations **34**. The sounds and music **63** are to be locally broadcasted thereto the child **95** via a pair of common speakers **62**. Said sounds and music **34** are envisioned to comprise various pre-recorded sounds **63** such as, but not limited to: music, calming nature sounds, stories, nursery rhymes, animal sounds, and the like. Said sounds and music are to be received therefrom sound-generating microprocessor-based circuitry providing common memory and digital sound conversion functions and being integral thereto the aforementioned control module **28** (see FIG. **3**).

The lights **80** provide an attractive visual illumination **81** effect to further entertain the child **95**. The lights **80** comprises a linear or random arrangement of variegated and colorful light bulbs located along forward facing surfaces and perimeter edge portions of the car seat assembly **15**. Said lights **80** comprise common illuminating devices such as light-emitting diodes (LED), incandescent bulbs, or other current illumination **81** technology. The lighting **80** and the sounds emitted therefrom the speakers **62** are to be capable of operating in either an independent manner or in a synchronous manner being responsive thereto each other so as to respond thereto certain sound elements **63** such as a musical beat, a musical rhythm, sound amplitude, and the like. The backrest portion **60** provides a pivoting attachment means thereto a "U"-shaped handle **70** which extends therefrom opposing outer side surfaces and extends laterally in front of the child **95** in a protective manner as well as pivoting upwardly to provide a grasping and carrying means. Said handle **70** further provides the child **95** with visually stimulating surface features such as colorful printed and/or molded decorative indicia **72** depicting symbols such as, but not limited to: animal figurines, cartoon characters, alphanumeric characters, and the like, being arranged along outer surfaces thereupon.

The seat portion **30** further comprises an internal motorized vibration means **32** being capable of conducting vibrations **34** having a variety of frequencies and corresponding amplitudes. The vibration means **32** is to be capable of also operating in a synchronous manner therewith the aforementioned sound and lighting portions of the apparatus **10** to enhance entertainment of the child **95**. Furthermore, the vibration means **32** may also be capable of providing a continuous vibration mode, thereby providing a soothing vibration **34** to comfort the child **95** and/or encourage the child **95** to sleep.

Referring now to FIG. **3**, a section view of the apparatus **10** taken along section line A-A (see FIG. **2**), according to a preferred embodiment of the present invention, is disclosed. The apparatus **10** provides quick and easy loading and unloading of the child seat assembly **15** therefrom the base portion **20** by a user or care giver. The apparatus **10** comprises a release clasp **22**, a release catch **35**, a first rear latching feature **130**, a second rear latching feature **132**, a first front latching feature **136**, and a second front latching feature **138**. The latching features **130**, **132**, **136**, **138** comprise geometrically matching pairs of plastic-molded interlocking and captivating stationary elements which are to be sequentially inserted thereinto each other and subsequently retained therein an engaged state via the spring-loaded release clasp **22** being engaged therein the release catch **35**. The release clasp **22** and release catch **35** are located therealong front surfaces of the car seat assembly **15** and base portions **20**, respectively. However, it is understood that the method utilized to latch the car seat assembly **15** thereto the base portion **20** is not limited to the described embodiment, and a person skilled in the art will appreciate that many other latching mechanisms, common in the industry, may be utilized without deviating from the basic concept, and as such should not be interpreted as a limiting factor of the apparatus **10**.

The apparatus **10** further provides a plurality of electrical connections therebetween the child seat assembly **15** and the base portion **20** via vertical mechanical engagement of a male first connector **38** and a female second connector **39**. Said connectors **38**, **39** comprise multiple pin-out construction and male/female molded features. Furthermore, said connectors **38**, **39** are arranged so as to be pre-aligned and engaged in a coincidental engaging motion therewith the aforementioned latching features **130**, **132**, **136**, **138** when installing the child seat assembly **15** thereto the base portion **20**. Said connectors **38**, **39** provide enabling electrical circuitry therefrom the internally mounted control module **28** located therewithin the base portion **20**, thereto the aforementioned vibration means **32**, speakers **62**, and lights **80** via common internal wiring **150** (see FIG. **4**).

Referring now to FIG. **4**, an electrical block diagram of the apparatus **10**, according to the preferred embodiment of the present invention, is disclosed. The apparatus **10** receives a 12-volt current therefrom a vehicle's 12-volt system via connection therewith a common cigarette lighter socket power adapter **26**. Said electric power is subsequently conducted thereto the control module **28** via internal wiring **150** within the base portion **20**. The control module **28** comprises a common plastic or metal electronic enclosure providing a protection and durable mounting means thereto internal electrical and electronic equipment and components such as, but not limited to: printed circuit boards, relays, memory chips, embedded software, sound processing circuitry, input/output signal processors, and the like. The control module **28** is in electrical communication therewith the pushbutton housing **23** which comprises a plurality of electronic input devices along an external surface including a plurality of pushbuttons **24**, a signal receiver **110**, and an interface port **115**. In use, the pushbuttons **24** are manually pressed by a user to provide selection and configuration of various sound **63** and illumination **81** functions of the apparatus **10** based upon active software and hardware configurations therewithin the control module **28**. The signal receiver **110** works in conjunction therewith a remote controller **100**, thereby providing a user alternate wireless activation of said sound and lighting functionality via a transmitted and received radio frequency (RF) or inferred (IR) signal **105**. The remote controller **100** comprises a plurality of remote controller buttons **102** along a front surface which emulate similar functions as the aforementioned pushbuttons **24**. The remote controller **100** is especially convenient in such cases as when the user is located at a distance therefrom the child **95** or while operating the vehicle. The control module **28** further provides a plurality of enabling electrical output signals via internal wiring **150**, being connected and conducted thereto the child seat assembly **15** therethrough the aforementioned first **38** and second **39** connectors. Said enabling electrical output signals are in turn in electrical communication therewith the aforementioned speakers **62**, lights **80**, and vibration means **32**. The control module **28** further comprises user configurable microprocessor-based software providing various sound **63**, vibration **34**, and illumination **81** effects designed to entertain and/or sooth the child **95** while he/she occupies the car seat assembly **15**. The pushbutton housing **23** is also envisioned to

provide an external interface port **115** capable of establishing digital communication therebetween the control module **28** and various peripheral devices such as computers, MP3 players, and the like, thereby enabling downloading of data such as, but not limited to: music, sounds, stories, operational software, and the like.

It is envisioned that other styles and configurations of the present invention can be easily incorporated into the teachings of the present invention, and only one particular configuration shall be shown and described for purposes of clarity and disclosure and not by way of limitation of scope.

The preferred embodiment of the present invention can be utilized by the common user in a simple and effortless manner with little or no training. After initial purchase or acquisition of the apparatus **10**, it would be utilized as indicated in FIGS. **1** and **2**.

The method of utilizing the apparatus **10** may be achieved by performing the following steps: installing the base portion **20** of the apparatus **10** therewithin a vehicle in a forward-facing orientation by routing an existing vehicle seatbelt **120** therethrough the seatbelt tunnel feature **21** of the base portion **20**; latching and tightening said vehicle seatbelt **120** in a normal manner; securing the child seat assembly **15** thereto the base portion **20**, if not previously installed, by initially engaging the rear latching features **130**, **132**; and engaging the front latching features **136**, **138**, wherein the first connector **38** couples therewith the second connector **39**; verifying that the spring-loaded release clasp **22** is latched securely thereto the release catch **35**; loading and securing a child **95** thereinto the car seat assembly **15** by securing the shoulder straps **40**, strap latch **42**, and crotch strap **44** thereto said child **95** in a conventional manner; plugging the power adapter **26** thereinto a suitable 12-volt DC receptacle therewithin the vehicle; pressing the pushbuttons **24** to activate, configure, select, and activate desired sound **63**, illumination **81**, and vibration **34** effects of the apparatus **10**; proceeding to drive the vehicle while utilizing the entertaining features of the apparatus **10**, thereto a destination in a normal manner; switching or reconfiguring the sound **63**, illumination **81**, and vibratory **34** effects of the apparatus **10** using the pushbuttons **24** or the remote controller **100** as desired; deactivating the apparatus **10** upon reaching one's destination, or until operation is once again needed using said push buttons **24**; and, providing enjoyable and entertaining effects of the apparatus **10** thereto an occupying child **95** as well as experiencing improved operation of a vehicle by a care giver while utilizing the present invention **10**.

The foregoing descriptions of specific embodiments of the present invention have been presented for purposes of illustration and description. They are not intended to be exhaustive or to limit the invention and method of use to the precise forms disclosed. Obviously many modifications and variations are possible in light of the above teaching. The embodiment was chosen and described in order to best explain the principles of the invention and its practical application, and to thereby enable others skilled in the art to best utilize the invention and various embodiments with various modifications as are suited to the particular use contemplated. It is understood that various omissions or substitutions of equivalents are contemplated as circumstance may suggest or render expedient, but is intended to cover the application or implementation without departing from the spirit or scope of the claims of the present invention.

What is claimed is:

1. A child car seat with enhanced entertainment features comprising:

a car seat assembly including a base portion and a seat portion removably attached thereto, said base portion including a pushbutton housing attached thereto;

a plurality of speakers coupled to said seat portion for emitting sounds and vibrations;

an internal motorized vibration mechanism situated within said base portion for generating vibrations having a variety of frequencies and corresponding amplitudes;

a plurality of lights including an arrangement of variegated light bulbs located along forward facing surfaces and perimeter edge portions of said seat portion respectively; and,

an internal control module communicatively coupled to said speakers, said internal motorized vibration mechanism and said lights respectively;

wherein said internal motorized vibration mechanism synchronously operates with said lights and speakers respectively.

2. The child car seat with enhanced entertainment features of claim **1**, wherein said pushbutton housing comprises:

a plurality of pushbuttons for generating entertaining sounds, illumination and vibrations from said speakers, said lights and said internal motorized vibration mechanism;

a receiver communicatively coupled to said internal control module; and,

a remote controller in wireless communication with said receiver.

3. The child car seat with enhanced entertainment features of claim **1**, wherein said seat portion further comprises:

a handle; and,

a backrest portion pivotally mated to said handle;

wherein said handle extends from opposing outer side surfaces of said backrest portion and extends laterally in front of said seat portion.

4. The child car seat with enhanced entertainment features of claim **1**, wherein said child seat assembly further comprises:

a release clasp connected to said seat portion;

a release catch situated at said base portion and being removably mated with said release clasp;

a first rear latching feature;

a second rear latching feature removably engaged to said first rear latching feature;

a first front latching feature; and,

a second front latching feature removably engaged to said first front latching feature;

wherein each of said first and second rear latching features as well as each of said first and second front latching features include geometrically matching pairs of interlocking stationary elements sequentially inserted into each other respectively; and,

wherein said first and second rear latching features as well as said first and second front latching features are retained at an engaged state when said release clasp is engaged in said release catch respectively.

5. The child car seat with enhanced entertainment features of claim **4**, wherein said release clasp and release catch are located along front surfaces of said seat portion and said base portion, respectively.

6. The child car seat with enhanced entertainment features of claim **4**, further comprising: a plurality of electrical connectors situated between said seat portion and said base portion, said electrical connectors being pre-aligned and engaged in a coincidental engaging motion with said first and

second front latching features as well as said first and second rear latching features respectively when said seat portion is attached to said base portion;

wherein said electrical connectors are electrically coupled to said internal control module.

7. A child car seat with enhanced entertainment features comprising:

a car seat assembly including a base portion and a seat portion removably attached thereto, said base portion including a pushbutton housing attached thereto;

a plurality of speakers coupled to said seat portion for emitting sounds and vibrations;

an internal motorized vibration mechanism situated within said base portion for generating vibrations having a variety of frequencies and corresponding amplitudes;

a plurality of lights for creating an attractive visual illumination effect, said lights including an arrangement of variegated light bulbs located along forward facing surfaces and perimeter edge portions of said seat portion respectively; and,

an internal control module located within said base portion and being communicatively coupled to said speakers, said internal motorized vibration mechanism and said lights respectively;

wherein said internal motorized vibration mechanism synchronously operates with said lights and speakers respectively.

8. The child car seat with enhanced entertainment features of claim **7**, wherein said pushbutton housing comprises:

a plurality of pushbuttons for generating entertaining sounds, illumination and vibrations from said speakers, said lights and said internal motorized vibration mechanism;

a receiver communicatively coupled to said internal control module; and,

a remote controller in wireless communication with said receiver.

9. The child car seat with enhanced entertainment features of claim **7**, wherein said seat portion further comprises:

a handle; and,

a backrest portion pivotally mated to said handle;

wherein said handle extends from opposing outer side surfaces of said backrest portion and extends laterally in front of said seat portion.

10. The child car seat with enhanced entertainment features of claim **7**, wherein said child seat assembly further comprises:

a release clasp connected to said seat portion;

a release catch situated at said base portion and being removably mated with said release clasp;

a first rear latching feature;

a second rear latching feature removably engaged to said first rear latching feature;

a first front latching feature; and,

a second front latching feature removably engaged to said first front latching feature;

wherein each of said first and second rear latching features as well as each of said first and second front latching features include geometrically matching pairs of interlocking stationary elements sequentially inserted into each other respectively; and,

wherein said first and second rear latching features as well as said first and second front latching features are retained at an engaged state when said release clasp is engaged in said release catch respectively.

11. The child car seat with enhanced entertainment features of claim **10**, wherein said release clasp and release catch are located along front surfaces of said seat portion and said base portion, respectively.

12. The child car seat with enhanced entertainment features of claim **11**, further comprising: a plurality of electrical connectors situated between said seat portion and said base portion, said electrical connectors being pre-aligned and engaged in a coincidental engaging motion with said first and second front latching features as well as said first and second rear latching features respectively when said seat portion is attached to said base portion;

wherein said electrical connectors are electrically coupled to said internal control module.

13. A method of utilizing a child car seat with enhanced entertainment features, said method comprising the steps of:

providing a car seat assembly by obtaining a base portion and a seat portion;

providing and coupling a plurality of speakers to said seat portion for emitting sounds and vibrations;

providing and situating an internal motorized vibration mechanism within said base portion for generating vibrations having a variety of frequencies and corresponding amplitudes;

providing a plurality of lights for creating an attractive visual illumination effect by providing and arranging variegated light bulbs along forward facing surfaces and perimeter edge portions of said seat portion respectively;

providing and locating an internal control module within said base portion;

communicatively coupling said internal control module to said speakers, said internal motorized vibration mechanism and said lights respectively;

removably attaching said seat portion to said base portion, said base portion including a pushbutton housing attached thereto; and,

said internal control module causing said internal motorized vibration mechanism to synchronously operate with said lights and speakers respectively.

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