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3,384,375

GAME BOARD WITH PROJECTILE RECEIVERS, SELECTIVELY
OPERATED SWITCHES, AND INDICATORS

Filed Jan. 4, 1966

3 Sheets-Sheet 1

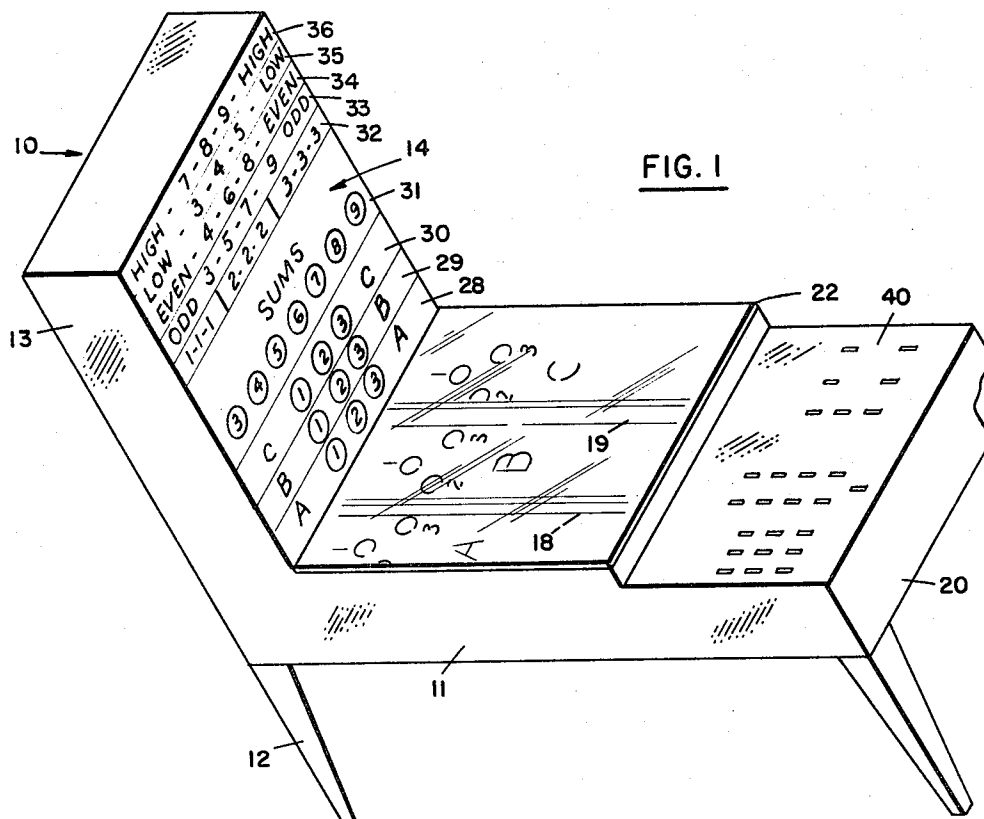


FIG. 1

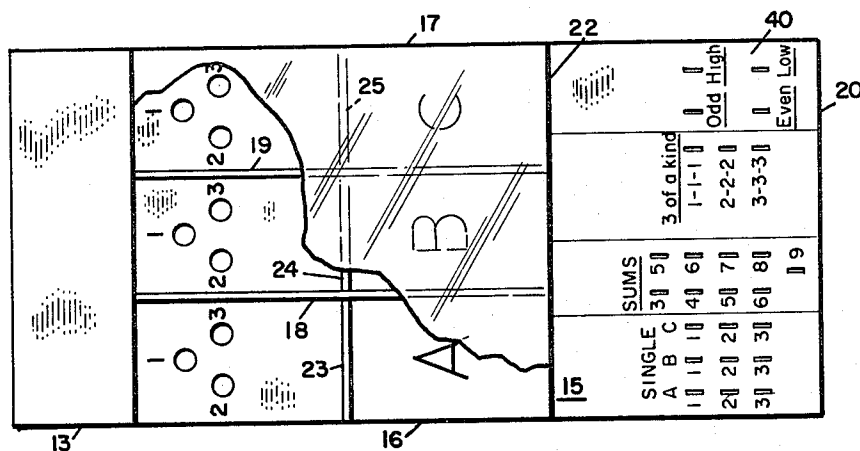


FIG. 2

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3 Sheets-Sheet 2

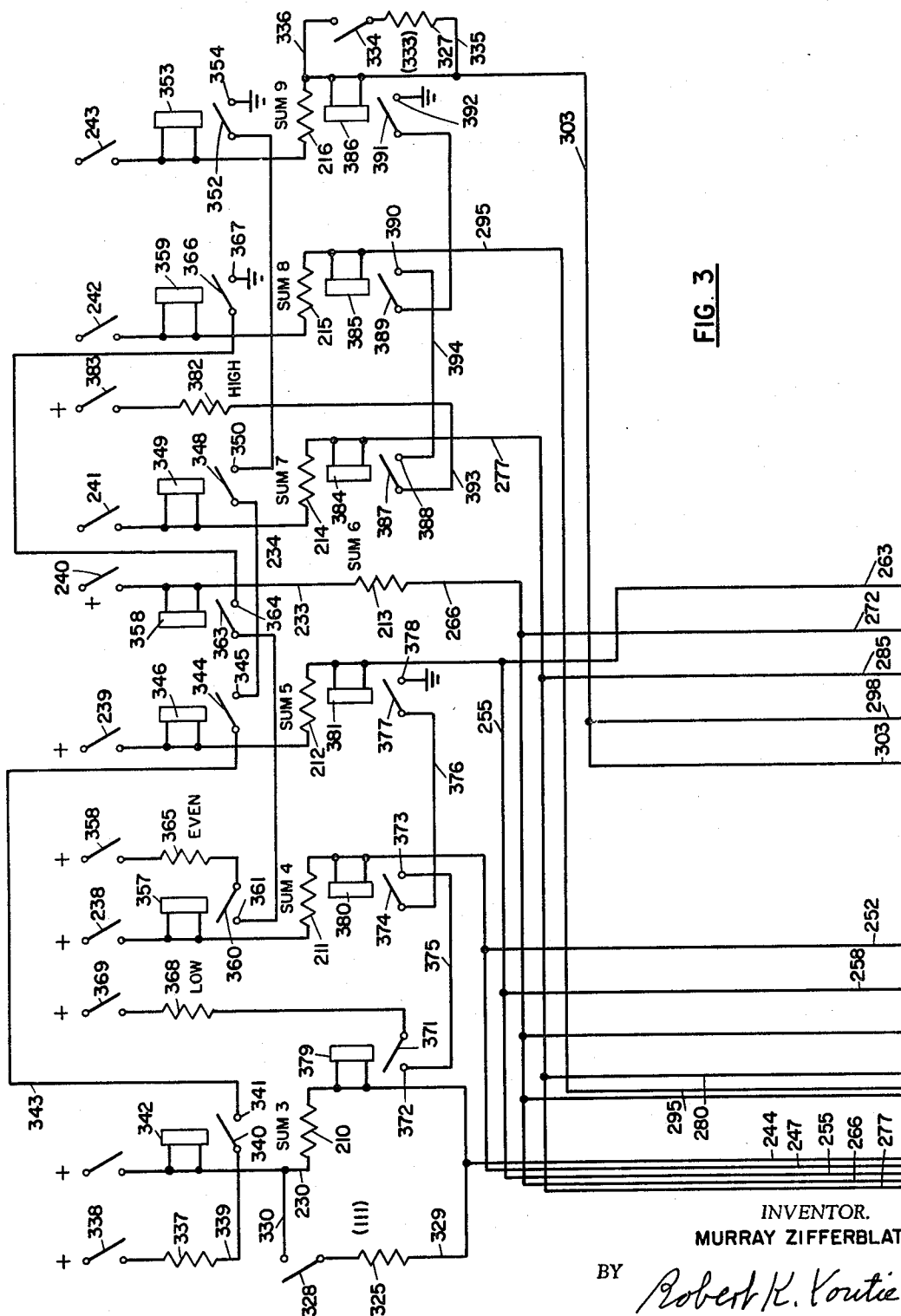


FIG. 3

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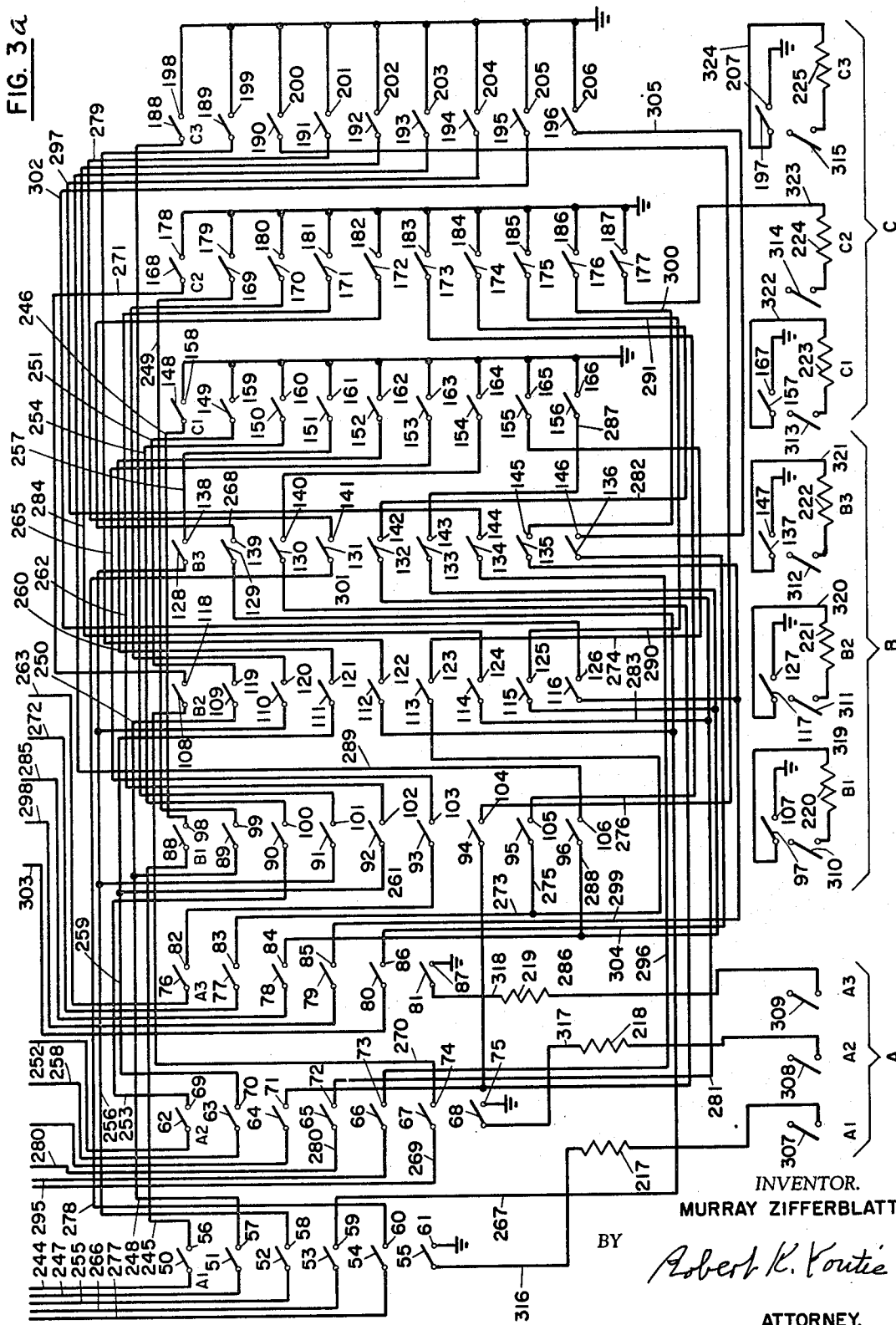
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3 Sheets-Sheet 3



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GAME BOARD WITH PROJECTILE RECEIVERS, SELECTIVELY OPERATED SWITCHES, AND INDICATORS

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ABSTRACT OF THE DISCLOSURE

This invention relates particularly to a surface-projectile-type game wherein a play area is provided with a plurality of lanes each of which includes a plurality of receivers at one end of the respective lane for receiving a projectile projected from the other lane end. Associated with each receiver is actuating-switch means for operation upon reception of a projectile, while selector-switch means is located for selective operation by a player, and circuit means connect the actuating- and selector-switch means, as well as signal means for indicating the occurrence of a selected combination of actuating switches being operated.

This invention relates generally to games, and is especially concerned with games of the surface-projectile type.

It is an important object of the present invention to provide a surface-projectile type of game construction which is extremely simple to play, requiring only a modicum of skill so as to be playable by substantially everyone, and wherein the rules and objects of the game involve only simple arithmetic so as to be easily understood.

It is a further object of the present invention to provide a game construction of the type described which is uniquely appealing in presenting an automatically operated display panel, which calculates and displays the players' results, without effort by the player.

It is still a further object of the present invention to provide a game construction having the advantageous characteristics mentioned in the preceding paragraphs, which is extremely durable and reliable throughout a long useful life, foolproof in operation, and which may be manufactured, installed and maintained at a reasonable cost.

While the game device of the present invention is not shown herein as employed for gambling, or for winning prizes or free replays of the game, it is understood that the instant game construction may be so used, as permitted by law, and that automatic free replay or payoff means may be incorporated, as desired.

Other objects of the present invention will become apparent upon reading the following specification and referring to the accompanying drawings, which form a material part of this disclosure.

The invention accordingly consists in the features of construction, combinations of elements, and arrangements of parts, which will be exemplified in the construction hereinafter described, and of which the scope will be indicated by the appended claims.

In the drawings:

FIGURE 1 is a top perspective view showing a game constructed in accordance with the teachings of the present invention;

FIGURE 2 is a top plan view of the game of FIGURE 1, showing the playing surface thereof; and

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FIGURES 3 and 3a are schematic representations illustrating the electrical circuitry in accordance with the teachings of the instant invention.

Referring now more particularly to the drawings, and specifically to FIGURES 1 and 2 thereof, the game is there generally designated 10, and may include a generally horizontal, elongate housing or body 11 suitably supported in elevated condition, as by legs 12. Upstanding from the horizontal body 11, at the rearward region thereof, is a hollow body 13 having on the forward side thereof a display panel 14.

The hollow housing or body 11 is provided on its upper side with a generally horizontal playing area or surface 15.

Upstanding along opposite sides or longitudinal edges of the playing area 15 are a pair of side walls 16 and 17, while a pair of inner longitudinally extending walls 18 and 19 upstand from the playing area 15 respectively adjacent to and spaced laterally inward from side walls 16 and 17. The walls 16, 18, 19 and 17 thus extend longitudinally on the upper or playing surface 15 in parallel, spaced relation and combine to define therebetween a plurality of alleys or lanes which may be suitably designated for play, say alphabetically, by letters A, B and C. That is, lane A is defined between side wall 16 and inner wall 18, lane B being defined between inner walls 18 and 19, and lane C being defined between inner wall 19 and side wall 17. The lanes A, B and C have their forward ends open at a location adjacent to and spaced rearward from the forward end 20 of the housing 11. The rear ends of lanes A, B and C may be closed, as by the upstanding housing 13. A transparent cover 22 may be located in spaced relation over the lanes A, B and C to exclude the players' hands from this area.

The rearward end of each lane A, B and C is provided with a plurality of receivers, which may be holes or other suitable projectile-receiving means. In the illustrated embodiment each lane A, B, C is provided, adjacent to its rearward end, with a circular arrangement of three receiving holes, respectively designated 1, 2 and 3. Any suitable number of holes or receivers may be provided, seven being preferred, but a lesser number being shown for simplicity. At a medial location of each lane A, B and C there may be formed on the surface thereof an obstacle or bump extending laterally across the respective lane, as at 23, 24 and 25.

Thus, the forward ends of the several lanes A, B, C are open and adapted to receive manually impelled projectiles, such as a ball 26 shown on lane A. The ball is rolled rearwardly toward the receivers or holes, and must pass over the obstacle 23 so that engagement of the ball in a selected receiver is impaired.

The play of the game may consist of rolling three projectiles, each in a respective lane A, B and C, with the projectiles engaging in receivers of the respective lanes. In order to repeat the playing operation, the projectiles or balls 26 are returned to the player, by any suitable ball-return means, which may be conventional, and rolling of the balls rearwardly on the lanes is repeated.

Referring now to the display panel 14, it will there appear that the lower areas 28, 29 and 30 are respectively designated A, B and C, and each provided with numerical indicia 1, 2 and 3 corresponding to the designated receivers of the respective lanes. That is, the display-panel area 28 refers to lane A, and the numerical indicia of panel area 28 refer to correspondingly designated receivers of lane A. This follows for panel areas 29 and

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30 with reference to lanes B and C. The indicia of panel areas 28, 29 and 30 may be referred to as singles, being illuminated upon the reception of a projectile in a single one of the indicated receivers, as will appear more fully hereinafter.

Immediately above the display-panel area 30 is a display-panel area 31 indicating combinations of receiver designations by addition, or summation, and represented as Sums. The indicia of display-panel area 31 are numerals 3 through 9, representing the possible sums of designations of a receiver of each lane. Immediately above the display-panel area 31 is the display-panel area 32, whereon are provided indicia corresponding to an identically designated receiver of each lane receiving a projectile. This panel area 32 may be designated Three of a Kind. Above the display-panel area 32 is a display-panel area 33 designated Odd, and having indicia corresponding to the odd sums of panel area 31. Above the panel area 33 is a panel area 34 designated Even and having indicia thereon of the even numbers of the sums of panel area 31. Directly over the panel area 34 is a panel area 35 entitled Low, and having indicia thereon corresponding to the low numerals of sums represented on panel area 31, while an uppermost panel area 36 is designated as High and is provided thereon with indicia corresponding to the high numerals of sums on panel area 31.

The forward region of surface 15, as at 40, may be a slot area, and is provided with a plurality of coin slots corresponding to the indicia represented on display panel 14. Thus, there is a coin slot for each Single, as at A1, B3, C2, etc. Similarly, there is a coin slot for each Sum represented by numerals 3 through 9. Also, there is a coin slot for each Three of a Kind, for Odd, for Even, for High and for Low.

Prior to play, the player inserts coins in selected slots of the slot area to activate switches associated therewith, as will appear more fully hereinafter. Then, if the projectiles 26 engage in the appropriate receivers of the selected coin slot, the corresponding indicia of the display panel 14 will be illuminated. In such event, there may be suitable means for providing free games or monetary return, in accordance with appropriate odds of the selected slot. However, such mechanism may be conventional and has been omitted from the drawing for simplicity and clarity.

Referring now to FIGURE 3 and FIGURE 3A, it will be seen that the circuitry there illustrated may be broadly subdivided into that associated with lanes A, B and C. Further, the circuitry associated with each lane may be further subdivided into that associated with each receiver, as numerically indicated 1, 2 and 3. In particular, actuating switch means may be associated with each receiver, which switch means may include a plurality of switch contacts and may be operated by any suitable means upon engagement of a projectile in the respective receiver. For example, the actuating switch means may be electrically actuated by suitable relay means, or may be gravitationally actuated by the movement of a projectile into a receiver. For simplicity, the actuating switch means illustrated in FIGURE 3 may be assumed to be operated in any suitable manner by the engagement of a projectile in the respective receiver.

In the illustrated embodiment, each actuating switch means includes a plurality of normally open switch contacts which are adapted to be closed upon engagement of a projectile in the associated receiver. Actuating switch means A1 includes contacts 50, 51, 52, 53, 54 and 55, adapted to close with respective contacts 56, 57, 58, 60 and 61. Actuating switch means A2 includes a plurality of contacts 62-68 respectively engageable with contacts 69-75. Actuating switch means A3 includes a plurality of contacts 76-81 adapted for respective engagement with contacts 82-87. The actuating switch means B1 includes a plurality of contacts 88-97 adapted for respec-

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tive engagement with contacts 98-107. The actuating switch means B2 includes a plurality of contacts 108-117 adapted for respective engagement with contacts 118-127, and the actuating switch means B3 includes a plurality of contacts 128-137 adapted for respective engagement with contacts 138-147. Similarly, the actuating switch means C1 includes a plurality of contacts 148-157 adapted for respective engagement with contacts 158-167, while the actuating switch means C2 includes a plurality of contacts 168-177 adapted for respective engagement with contacts 178-187, and the actuating switch means C3 includes a plurality of contacts 188-197 adapted for respective engagement with contacts 198-207.

Associated with each of the indicated sums of panel portion 31 is suitable signal means, such as a lamp, such signal means being diagrammatically represented by resistors 210, 211, 212, 213, 214, 215 and 216, respectively corresponding to the indicia of Sums 3, 4, 5, 6, 7, 8 and 9. Also, the indicia presented on display-panel portions 28, 29 and 30 may be provided with respective signal means, say lamps, such as represented by resistors 217, 218, 219, 220, 221, 222, 223, 224, and 225, respectively corresponding to displayed indicia A1, A2, A3, B1, B2, B3, C1, C2, and C3.

The signal means 210-216 are each respectively connected on one side by conductors 230, 231, 232, 233, 234, 235 and 236 to respective, normally open selector switches 237, 238, 239, 240, 241, 242 and 243. The several selector switches may be connected to one side of a source of electrical power.

Signal means 210 is connected by a conductor 244 in series with the contact 50 of switch 50-56. The contact 56 is connected by a conductor 245 to contact 88 of switch 88, 98, and the contact 98 is connected by a conductor 246 with contact 148 of switch 148, 158. Contact 158 is connected to the other side of a power source or ground. It will thus be apparent that signal means 210 is connected in series with switches of actuating switch means A1, B1 and C1, so that upon closure of these switches, together with selector switch 237, resistor 210 is energized and illuminates Sum 3. The remaining connections serve to illuminate the remaining sum numerals in accordance with closure of the several actuating switches, and the details of circuitry will be described herein for completeness.

The selector switch 238 and resistor 211 are connected in series with the A1 actuating switch contact 51 by a conductor 247. The other contact 57 of switch 51, 57 is connected by a conductor 248 to contact 89 of B1 actuating switch 89, 99, and the contact 99 is connected by a conductor 249 to contact 169 of C2 switch 169, 179. The contact 179 is connected to the other side of a power source or ground. A branch conductor 250 is connected between the conductor 248 and contact 109 of B2 switch 109, 119. The contact 119 is connected by a conductor 251 to contact 149 of C1 switch 149, 159. The contact 159 is connected to one side of a power source or ground. A branch conductor 252 extends from the conductor 247 for connection to the contact 62 of A2 switch 62, 69, a conductor 253 being connected between contact 69 and contact 90 of B1 switch 90, 100. Contact 100 is connected by a conductor 254 to contact 150 of C1 switch 150, 160, the contact 160 being connected to a power source or ground.

Signal means 212 for Sum 5 is connected by a conductor 255 to contact 52 of A1 switch 52, 58, contact 58 being connected by conductor 256 with contact 128 of B3 switch 128, 138, and contact 138 being connected by conductor 257 with contact 151 of C1 switch 151, 161. Contact 161 may be connected to one side of power or ground. A branch conductor 258 extends from conductor 255 to contact 63 of A2 switch 63, 70, and contact 70 is connected by conductor 259 to contact 111 of B2 switch 111, 121. Contact 121 is connected by conductor 260 to contact 152 of C1 switch 152, 162. Con-

tact 162 is connected to one side of power or ground. A branch conductor 261 is connected from conductor 259 to contact 92 of B1 switch 92, 102, contact 102 being connected by conductor 262 to contact 171 of C2 switch 171, 181. Contact 181 is connected to one side of power or ground. An additional branch conductor 263 is connected from conductor 255 to contact 76 of A3 switch 76, 82, contact 82 being connected by conductor 264 to contact 93 of B1 switch 93, 103. Contact 103 is connected by conductor 265 to contact 153 of C1 switch 153, 163, contact 163 being connected to the other side of power or ground.

From resistor 213, corresponding to the signal means of Sum 6, in series therewith, is connected a conductor 266 which is connected to contact 53 of A1 actuating switch 53, 59. The contact 59 is connected by a conductor 267 to contact 129 of B3 actuating switch 129, 139. The contact 139 is connected by conductor 268 to contact 172 of C2 actuating switch 172, 182. Contact 182 is connected to the other side of a power source or ground. A branch conductor 269 is connected from the conductor 266 to contact 67 of A2 actuating switch 67, 74, contact 74 being connected by conductor 270 to contact 108 of B2 actuating switch 108, 118. Contact 118 is connected by conductor 271 to conductor 168 of C2 actuating switch 168, 178, contact 178 being connected to the other side of a power source or ground. An additional branch conductor 272 is connected from the conductor 266 to contact 77 of A3 actuating switch 77, 83, contact 83 being connected by conductor 273 to contact 113 of B3 actuating switch 113, 123. Contact 123 is connected by conductor 274 to contact 155 of C1 actuating switch 155, 165, contact 165 being connected to the other side of a power source or ground. A branch conductor 275 is connected between conductor 273 and contact 95 of B1 actuating switch 95, 105, contact 105 being connected by conductor 276 to contact 173 of C2 actuating switch 173, 183. Contact 183 is connected to a power source or ground.

The resistor 214 of signal means designated Sum 7 is connected by a conductor 277 to contact 54 of A1 actuating switch 54, 60, contact 60 being connected by a conductor 278 to contact 131 of B3 actuating switch 131, 141. Contact 141 is connected by a conductor 279 to C3 actuating switch 191, 201, contact 201 being connected to a power source or ground. A branch conductor 280 is connected between conductor 277 and contact 65 of A2 actuating switch 65, 72, contact 72 being connected by conductor 281 to contact 132 of B3 actuating switch 132, 142. Contact 142 is connected by conductor 282 to contact 175 of C2 actuating switch 175, 185, contact 185 being connected to a power source or ground. A branch conductor 283 is connected between conductor 281 and contact 115 of B2 actuating switch 115, 125. Contact 125 is connected by a conductor 284 to contact 176 of C2 actuating switch 176, 186, contact 186 being connected to a power source or ground. A branch conductor 285 is connected between line 277 and contact 78 of A3 actuating switch 78, 84, contact 84 being connected by conductor 286 to contact 133 of B3 actuating switch 133, 143. Contact 143 is connected by conductor 287 to contact 156 of C1 switch 156, 166, contact 166 being connected to a power source or ground. A branch conductor 288 is connected between conductor 286 and contact 96 of B1 switch 96, 106, contact 106 being connected by conductor 289 to contact 193 of C3 actuating switch 193, 203, contact 203 being connected to one side of a power source or ground. An additional branch conductor 290 is connected between conductor 286 and contact 115 of B3 actuating switch 115, 125, contact 125 being connected by conductor 291 to contact 175 of C2 actuating switch 175, 185, contact 185 being connected to one side of a power source or ground.

Resistor 215 corresponding to signal means of Sum 8

is connected in series by a conductor 295 with contact 66 of A2 actuating switch 66, 73, contact 73 being connected by a conductor 296 to contact 134 of B3 actuating switch 134, 144. Contact 144 is connected by a conductor 297 to contact 194 of C3 actuating switch 194, 204, contact 204 being connected to one side of a power source or ground. A branch conductor 298 is connected between conductor 295 and contact 79 of A3 actuating switch 79, 85, contact 85 being connected by a conductor 299 to contact 135 of B3 actuating switch 135, 145. Contact 145 is connected by a conductor 300 to contact 176 of C2 actuating switch 176, 186, contact 186 being connected to one side of a power source or ground. A branch line or conductor 301 is connected between conductor 299 and contact 116 of B3 actuating switch 116, 126, contact 126 being connected by a conductor 302 to contact 195 of C3 actuating switch 195, 205, contact 205 being connected to one side of a power source or ground.

Resistor 216 associated with signal-means indicia of Sum 9 is connected in series by a conductor 303 to contact 80 of A3 actuating switch 80, 86, contact 86 being connected by a conductor 304 to contact 136 of B3 actuating switch 136, 146. A conductor 305 is connected between contact 146 and contact 196 of C3 actuating switch 196, 206, contact 206 being connected to one side of a power source or ground.

The signal means of the singles indicia, illustrated as the resistors 217-225 are each connected in series with a normally open selector switch 307-315, respectively. Through the selector switches 307-315 the resistors 217-225 are connected to one side of a power source. The resistor 217 is connected by a conductor 316 in series with contact 55 of A1 actuating switch 55, 61, contact 61 thereof being connected to the other side of a power source or ground. Resistor 218 is similarly connected in series by a conductor 317 to contact 68 of A2 actuating switch 68, 75, the latter contact being connected to the other side of a power source or ground. Resistor 219 is connected in series by a conductor 318 to contact 81 of A3 actuating switch 81, 87, the latter contact being connected to the other side of a power source or ground. Similarly, resistors 220, 221, 222, 223, 224 and 225 are each respectively connected in series by conductors 319, 320, 321, 322, 323 and 324 to respective contacts 97, 117, 137, 157, 177 and 197. The actuating switches 97, 107 and 117, 127 and 137, 147 and 157, 167 and 177, 187 and 197, 207, associated with respective receivers B1, B2, B3, C1, C2 and C3, have their respective contacts 107, 127, 147, 167, 187 and 207 each connected to one side of a power source or ground. Thus, it will be apparent that upon closure of selected ones of the selector switches 307-315, and upon engagement in the appropriate receiver, that the corresponding resistors will be energized.

Associated with the display-panel portion 32 are signal means or resistors 325, 326 and 327. The resistor 325 is connected in series with a selector switch 328 across or in parallel with the Sum 3 resistor 210. In particular, the resistor 325, at a location remote from the selector switch 328, is connected by a conductor 329 to the conductor 244, and the selector switch 328 at a location remote from the resistor 325 is connected by a conductor 330 to the conductor 230. Hence, upon selective closure of switch 328, and closure of actuating switch means A1, B1 and C1, the resistor 325 is energized corresponding to closure of actuating switches associated with receivers A1, B1 and C1.

Similarly, resistor 326 is connected in series with a selector switch 331, the resistor and selector switch being connected together in parallel with conductor 269, as by conductors 332 and 333. Current passes through conductor 269 upon closure of the receiver switch means A2, B2 and C2, so as to energize resistor 326 corresponding to 3-of-a-kind 2-2-2.

The resistor 327 is connected in series with a selector switch 334 corresponding to 3-of-a-kind 3—3. The resistor 327 and selector switch 333 are connected in parallel with conductor 303, as by conductors 335 and 336, so that the resistor 327 is energized, when the selector switch 334 is closed, upon closure of the actuating switch means A3, B3 and C3.

The display-panel portion 33 designated Odd, has associated therewith signal means, say resistor 337. A selector switch 338, associated with the Odd selector slot is connected in series with the resistor 337. One side of the selector switch 338 may be connected to a power source, and the remote side of resistor 337 may be connected by a conductor 339 to a movable relay-switch contact 340. The relay-switch contact 340 is normally open and closure thereof by engagement with a fixed relay contact 341 is effected by energization of a relay coil 342 connected in parallel with the conductor 230. The fixed relay contact 341 is connected by a conductor 343 to a movable relay-switch arm or contact 344 which is normally open with respect to a fixed relay-switch contact 345. The relay-switch contacts 344 and 345 are controlled by a relay coil 346 connected in parallel with the conductor 232 to effect closure of the relay switch upon energization of the coil from the conductor. The relay contact 345 is connected by a conductor 347 to an additional movable relay-switch arm or contact 348 controlled by a relay coil 349 connected in parallel with the conductor 234. The relay-switch contact 348 is normally open with respect to a fixed relay-switch contact 350 and moved into engagement therewith upon energization of the coil 349. Extending from the contact 350 is an additional conductor 351 which is connected to a relay-switch arm or contact 352 controlled by a relay coil 353 connected in parallel with the conductor 236. The relay-switch contact 352 is normally open with respect to a fixed relay-switch contact 354 and moved into engagement with the latter upon energization of the coil 353. The switch contact 354 may be connected to ground, or the other side of an employed power source.

It will thus be appreciated that the several relay coils 342, 346, 349 and 353 are connected to the several Odd Sums 3, 5, 7 and 9. Hence, when the selector switch 338 is closed and the Odd Sums are energized, the relay contacts 340 and 341, 344 and 345, 348 and 350, and 352 and 354 are all closed to energize the resistor 337.

A similar arrangement is provided in association with the display-panel portion 34 associated with the Even Sums. That is, a suitable signal means, such as resistor 355 is connected in series with an Even selector switch 356, which may have one side connected to a power source. Connected in parallel with the several Even Sum signal conductors 231, 233 and 235 are respective solenoid coils 357, 358 and 359. The solenoid coil 357 controls normally open solenoid switch contacts 360 and 361, the former being connected to the resistor 355 remote from the selector switch 356, and the latter being connected by a conductor 362 to contact 363 of switch 363, 364 controlled by solenoid 358. A conductor 365 is connected between solenoid switch contact 364 and contact 366 of solenoid switch 366, 367 controlled by solenoid coil 359. Solenoid switch contact 367 may be connected to ground or a suitable source of power. Upon energization of the several Even Sums signal means 211, 213 and 215, the contacts 360 and 361, 363 and 364, and 366 and 367 are all closed to energize Even signal means 355.

Associated with the display-panel portion 35 indicating Low Sums 3-4-5 is a suitable signal means or resistor 368 connected in series with a selector switch 369. The selector switch 369 may be connected to one side of a power source, and the distal side of resistor 368 is connected by a conductor 370 to contact 371 of solenoid switch 371, 372. The contact 372 is connected by a conductor 375 to contact 373 of solenoid switch 373, 374, and switch contact 374 is connected by a conductor 376 to contact 377 of solenoid switch 377, 378. The solenoid

switch contact 378 may be connected to ground or suitable power source. A plurality of relay coils 379, 380 and 381 are respectively connected in parallel with the conductors energizing resistors 210, 211 and 212 of Sums 3, 4 and 5. The relay coils 379, 380 and 381 serve to respectively operate the normally open relay switches 371, 372, and 373, 374, and 377, 378. Thus, upon energization of the Low Sums, when selector switch 359 is closed, a circuit is closed through resistor 368 to illuminate or otherwise signal panel portion 35.

The remaining panel portion 36 is designated High Sums 7-8-9. Associated with the panel portion 36, as signal means therefor, is a resistor 382 connected in series with a selector switch 383. A plurality of relay coils 384, 385 and 386 are respectively connected in parallel with High Sum conductors 277, 295 and 303. A normally open relay switch 387, 388 is controlled by relay coil 384, while a normally open relay switch 389, 390 is controlled by relay coil 385, and an additional normally open relay switch 391, 392 is controlled by relay coil 386. The resistor 382 is connected remote from selector switch 383 by a conductor 393 to contact 387, while a conductor 394 is connected between contacts 388 and 390. A conductor 395 is connected between contacts 389 and 391, and contact 392 may be grounded or connected to a suitable power source. Upon energization of the High Sum signal means 214, 215 and 216, when the High selector switch 383 is closed, the relays 384, 385 and 386 are energized to close a circuit through High signal means 382.

From the foregoing, it is seen that the present invention provides a game apparatus which fully accomplishes its intended objects and is well adapted to meet practical conditions of manufacture, installation, maintenance and use.

Although the present invention has been described in some detail by way of illustration and example for purposes of clarity of understanding, it is understood that certain changes and modifications may be made within the spirit of the invention and scope of the appended claims.

What is claimed is:

1. A game construction comprising a play area having a plurality of lanes in side-by-side relation, said lanes each being open at one end for receiving a projectile moving toward the other lane end, a plurality of receivers located adjacent to said other end of each lane for receiving a projectile, actuating-switch means associated with each receiver adapted to be operated upon reception thereby of a projectile, selector-switch means adapted to be selectively operated by a player and corresponding to predetermined combinations of projectiles in said receivers, circuit means connected to said actuating- and selector-switch means in accordance with said predetermined combinations, and signal means in said circuit means for indicating the occurrence of a selected combination, said receivers being numerically designated and said lanes being characteristically designated by other than numerical indicia, said signal means comprising selectively actuable numerical-indicia means corresponding to the sums of the numerical designation of receivers of several lanes, said circuit means comprising series connections between the actuating-switch means of each lane and the actuating-switch means of each other lane for energizing the appropriate signal-means-indicia means corresponding to the sum of the receivers receiving projectiles, said signal means comprising additional numerical indicia means corresponding to predetermined combinations of said sums, and said circuit means comprising additional means connected to said first-mentioned numerical indicia means for energizing said additional numerical indicia means responsive to predetermined combinations thereof.

2. A game construction according to claim 1, said actuating switch means comprising a plurality of normally open switches associated with each receiver and adapted to be closed upon reception of a projectile in the respective receiver.

3. A game construction according to claim 1, said

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selector switch means comprising a plurality of normally open selector switches connected in series with the series-connection circuit means and adapted to be closed by the player to permit energizing of corresponding signal means by engagement of projectiles in appropriate receivers. 5

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