

#### (12) United States Design Patent (10) Patent No.: US D869,567 S **\*\* Dec. 10, 2019** (45) **Date of Patent:** Holman

- LOCOMOTION PLAY CONSTRUCTION KIT (54)
- Applicant: Heroes Will Rise, Inc., Hope, RI (US) (71)
- Inventor: Cas Holman, Hope, RI (US) (72)
- **15 Years** (\*\*)l'erm:
- Appl. No.: 29/663,698 (21)

FIG. 4 is a top, front, right isometric view of a second part of the locomotion play construction kit; FIG. 5 is a front view of the second part, the rear view being a mirror image thereof; FIG. 6 is a right view of the second part, the left view being a mirror image thereof; FIG. 7 is a top, front, right isometric view of a third part of the locomotion play construction kit; FIG. 8 is a front view of the third part, the rear view being

(22) Filed: Sep. 18, 2018 a mirror image thereof; (51)(52)U.S. Cl. USPC ..... **D21/484**; D21/492 Field of Classification Search (58)USPC ..... D21/333, 373, 386, 389, 404, 468, 470, D21/471, 475, 484–505 (Continued) **References Cited** (56)U.S. PATENT DOCUMENTS 1,166,688 A \* 1/1916 Hornby ..... E04B 1/1903 403/218 4/1935 Gilbert ..... A63H 33/12 1,996,722 A \* 446/116 (Continued) *Primary Examiner* — Cynthia M. Chin (74) Attorney, Agent, or Firm — Joseph D. Hodler

FIG. 9 is a right view of the third part, the left view being a mirror image thereof; FIG. 10 is a top, front, right isometric view of a fourth part of the locomotion play construction kit; FIG. 11 is a front view of the fourth part, the rear view being a mirror image thereof; FIG. 12 is a right view of the fourth part, the left view being a mirror image thereof; FIG. 13 is a top, front, right isometric view of a fifth part of the locomotion play construction kit; FIG. 14 is a front view of the fifth part, the rear view being a mirror image thereof; FIG. 15 is a right view of the fifth part, the left view being a mirror image thereof; FIG. 16 is a top, front, right isometric view of a sixth part of the locomotion play construction kit; FIG. 17 is a front view of the sixth part, the rear view being a mirror image thereof; FIG. 18 is a right view of the sixth part, the left view being a mirror image thereof;

#### (57)CLAIM

The ornamental design for a locomotion play construction kit, as shown and described.

#### DESCRIPTION

FIG. 1 is a top, front, right isometric view of a first part of the locomotion play construction kit;

FIG. 2 is a front view of the first part, the rear view being a mirror image thereof;

FIG. 3 is a right view of the first part, the left view being a mirror image thereof;

FIG. 19 is a top, front, right isometric view of a seventh part of the locomotion play construction kit;

FIG. 20 is a front view of the seventh part, the rear view being a mirror image thereof;

FIG. 21 is a right view of the seventh part, the left view being a mirror image thereof;

FIG. 22 is a top, front, right isometric view of an eighth part of the locomotion play construction kit;

FIG. 23 is a front view of the eighth part, the rear view being a mirror image thereof;

FIG. 24 is a right view of the eighth part, the left view being a mirror image thereof;

(Continued)



#### US D869,567 S

#### Page 2

FIG. 25 is a reduced top, front, right isometric view of a ninth part of the locomotion play construction kit;

FIG. 26 is a reduced front view of the ninth part, the rear view being a mirror image thereof;

FIG. 27 is a reduced right view of the ninth part, the left view being a mirror image thereof;

FIG. 28 is a reduced bottom view of the ninth part, the top view being a mirror image thereof;

FIG. 29 is a reduced top, front, right isometric view of a tenth part of the locomotion play construction kit;

FIG. 30 is a reduced front view of the tenth part, the rear view being a mirror image thereof;

FIG. 58 is a reduced top, front, right isometric view of a sixteenth part of the locomotion play construction kit; FIG. **59** is a reduced left view of the sixteenth part, the right view being identical when rotated 180 degrees; FIG. 60 is a reduced front view of the sixteenth part; FIG. 61 is a reduced bottom view of the sixteenth part, the top view being identical when rotated 180 degrees; FIG. 62 is a reduced rear view of the sixteenth part; FIG. 63 is a reduced top, front, right isometric view of a seventeenth part of the locomotion play construction kit; FIG. 64 is a reduced left view of the seventeenth part, the right view being identical when rotated 180 degrees; FIG. 65 is a reduced front view of the seventeenth part; FIG. 66 is a reduced bottom view of the seventeenth part, the top view being identical when rotated 180 degrees; FIG. 67 is a reduced rear view of the seventeenth part; and, FIG. 68 is a rear, right view of the fifth part of the locomotion play construction kit shown in an exemplary assembly. The broken lines represent an exemplary arrangement in which the article resides and forms no part of the claim.

FIG. 31 is a reduced right view of the tenth part, the left view being a mirror image thereof;

FIG. 32 is a reduced bottom view of the tenth part, the top view being a mirror image thereof;

FIG. 33 is a reduced top, front, right isometric view of an eleventh part of the locomotion play construction kit;

FIG. 34 is a reduced top view of the eleventh part;

FIG. **35** is a reduced front view of the eleventh part, the rear view being a mirror image thereof;

FIG. 36 is a reduced right view of the eleventh part, the left view being a mirror image thereof;

FIG. **37** is a reduced bottom view of the eleventh part; FIG. 38 is a reduced top, front, right isometric view of a twelfth part of the locomotion play construction kit; FIG. 39 is a reduced top view of the twelfth part;

FIG. 40 is a reduced front view of the twelfth part, the rear view being a mirror image thereof;

FIG. **41** is a reduced right view of the twelfth part, the left view being a mirror image thereof;

FIG. 42 is a reduced bottom view of the twelfth part;

FIG. 43 is a reduced top, front, right isometric view of a thirteenth part of the locomotion play construction kit; FIG. 44 is a reduced front view of the thirteenth part, the rear view being a mirror image thereof; FIG. 45 is a reduced right view of the thirteenth part, the left view being a mirror image thereof; FIG. 46 is a reduced bottom view of the thirteenth part, the top view being a mirror image thereof; FIG. 47 is a reduced top, front, right isometric view of a fourteenth part of the locomotion play construction kit; FIG. 48 is a reduced left view of the fourteenth part; FIG. 49 is a reduced front view of the fourteenth part, the rear view being a mirror image thereof;

The seventeen parts from the locomotion play construction kit are shown separately for ease and clarity of illustration.

#### 1 Claim, 35 Drawing Sheets

#### Field of Classification Search (58)

CPC ..... A63H 33/04; A63H 33/06; A63H 33/062; A63H 33/08; A63H 33/086; A63H 33/088; A63H 33/10; A63H 33/101; A63H 33/108; A63H 33/12; A63F 9/12; A63F 9/1224

See application file for complete search history.

FIG. 50 is a reduced right view of the fourteenth part; FIG. 51 is a reduced bottom view of the fourteenth part, the top view being a mirror image thereof;

FIG. 52 is a reduced top, front, right isometric view of a fifteenth part of the locomotion play construction kit; FIG. 53 is a reduced rear view of the fifteenth part; FIG. 54 is a reduced top view of the fifteenth part;

FIG. 55 is a reduced front view of the fifteenth part;

FIG. 56 is a reduced right view of the fifteenth part, the left view being a mirror image thereof;

**References Cited** 

#### U.S. PATENT DOCUMENTS

| 2,014,464 | Α | * | 9/1935  | Bierbach A63H 33/12  |
|-----------|---|---|---------|----------------------|
|           |   |   |         | 446/115              |
| 2,577,702 | А | * | 12/1951 | De Swart A63H 33/062 |
|           |   |   |         | 446/96               |
|           |   |   |         | Preu D21/488         |
| 3,355,837 | А | * | 12/1967 | Pedersen A63H 33/12  |
|           |   |   |         | 446/94               |
| 4,547,160 | А | * | 10/1985 | Labelle G09B 1/40    |
|           |   |   |         | 273/292              |
| 4,589,853 | А | * | 5/1986  | Hidvegi A63H 33/12   |
|           |   |   |         | 446/104              |
| /         |   |   |         | Schmidt D21/488      |
| D452,121  | S | * | 12/2001 | Teichelman D21/488   |
| D550,783  |   |   | 9/2007  | Glickman D21/488     |
| D588,208  |   |   |         | Sinisi D21/502       |
| D641,803  |   |   |         | Kichijo D21/488      |
| D685,861  |   |   |         | Holman               |
| D762,267  |   |   |         | Glasband D21/484     |
| 9,550,130 |   |   |         | Pettey A63H 33/042   |
| D830,473  | S |   | 10/2018 | Holman               |

#### FIG. 57 is a reduced bottom view of the fifteenth part;

\* cited by examiner

(56)

# U.S. Patent Dec. 10, 2019 Sheet 1 of 35 US D869,567 S



# Fig. 1

# U.S. Patent Dec. 10, 2019 Sheet 2 of 35 US D869,567 S



Fig. 2



# U.S. Patent Dec. 10, 2019 Sheet 3 of 35 US D869,567 S



Fig. 4

# U.S. Patent Dec. 10, 2019 Sheet 4 of 35 US D869,567 S



Fig. 5

Fig. 6

# U.S. Patent Dec. 10, 2019 Sheet 5 of 35 US D869,567 S





### U.S. Patent Dec. 10, 2019 Sheet 6 of 35 US D869,567 S



Fig. 8



#### U.S. Patent Dec. 10, 2019 Sheet 7 of 35 US D869,567 S



Fig. 10

#### U.S. Patent Dec. 10, 2019 Sheet 8 of 35 US D869,567 S



Fig. 11



# U.S. Patent Dec. 10, 2019 Sheet 9 of 35 US D869,567 S



Fig. 13

### U.S. Patent Dec. 10, 2019 Sheet 10 of 35 US D869,567 S



Fig. 14

Fig. 15

# U.S. Patent Dec. 10, 2019 Sheet 11 of 35 US D869,567 S



Fig. 16

#### U.S. Patent Dec. 10, 2019 Sheet 12 of 35 US D869,567 S



Fig. 17



# U.S. Patent Dec. 10, 2019 Sheet 13 of 35 US D869,567 S



# Fig. 19

#### U.S. Patent Dec. 10, 2019 Sheet 14 of 35 US D869,567 S



Fig. 20

Fig. 21

### U.S. Patent Dec. 10, 2019 Sheet 15 of 35 US D869,567 S



Fig. 22

#### U.S. Patent Dec. 10, 2019 Sheet 16 of 35 US D869,567 S



Fig. 23

Fig. 24

# U.S. Patent Dec. 10, 2019 Sheet 17 of 35 US D869,567 S



Fig. 25

#### U.S. Patent Dec. 10, 2019 Sheet 18 of 35 US D869,567 S





Fig. 26





# U.S. Patent Dec. 10, 2019 Sheet 19 of 35 US D869,567 S



Fig. 29

### U.S. Patent Dec. 10, 2019 Sheet 20 of 35 US D869,567 S





Fig. 30

Fig. 31



### U.S. Patent Dec. 10, 2019 Sheet 21 of 35 US D869,567 S



Fig. 33



#### **U.S.** Patent US D869,567 S Dec. 10, 2019 Sheet 22 of 35



Fig. 36

Fig. 35



#### **U.S.** Patent US D869,567 S Dec. 10, 2019 Sheet 23 of 35





Fig. 39



### U.S. Patent Dec. 10, 2019 Sheet 24 of 35 US D869,567 S



Fig. 40

Fig. 41

|  |  | 4 1 |
|--|--|-----|
|  |  | 4 1 |
|  |  | 4 1 |
|  |  | 4 1 |
|  |  | 4 1 |
|  |  | 4 1 |
|  |  |     |

Fig. 42

#### **U.S.** Patent US D869,567 S Dec. 10, 2019 Sheet 25 of 35



Fig. 43





| 4 · · · · · · · · · · · · · · · · · · · | 4 |
|---|---|
| 1                                       |   |
|   |   |
| 1                                       | I |
|   |   |
|   |   |
|   |   |



#### **U.S.** Patent US D869,567 S Dec. 10, 2019 Sheet 27 of 35









Fig. 51

#### **U.S.** Patent US D869,567 S Dec. 10, 2019 Sheet 29 of 35



Fig. 52





#### **U.S.** Patent US D869,567 S Dec. 10, 2019 Sheet 30 of 35









Fig. 56

| , |  |  |   |     |  |  |
|---|--|--|---|-----|--|--|
| 1 |  |  |   | 1 1 |  |  |
| { |  | *, -, *, -, *, -, *, -, *, -, *, -, *, -, *, -, *, -, *, -, *, -, *, -, *, -, *, -, *, -, *, -, *, -, *, -, *, |   | 1 5 |  |  |
| } |  |  | { |     |  |  |



### U.S. Patent Dec. 10, 2019 Sheet 31 of 35 US D869,567 S



Fig. 58



Fig. 59

### U.S. Patent Dec. 10, 2019 Sheet 32 of 35 US D869,567 S











# U.S. Patent Dec. 10, 2019 Sheet 33 of 35 US D869,567 S



Fig. 63





#### **U.S. Patent** US D869,567 S Dec. 10, 2019 Sheet 34 of 35





|--|--|







# U.S. Patent Dec. 10, 2019 Sheet 35 of 35 US D869,567 S





