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(12) **United States Design Patent**
Novak et al.

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(54) **LATCH**
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(73) Assignee: **D&D Group Pty Ltd**, Frenchs Forest, NSW (AU)

(**) Term: **14 Years**

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(51) **LOC (9) Cl.** **08-07**

(52) **U.S. Cl.** **D8/331; D8/330; D8/343**

(58) **Field of Classification Search** D8/330, D8/331, 343, 339, 349, 499; 70/14, 51, 52, 70/57, 262, 431, 141; 37/446, 455, 456; 292/2, 358, 159, DIG. 17, DIG. 43, DIG. 41
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

17,354 A	5/1857	Smith
29,212 A	7/1860	Acker
137,951 A	4/1873	Palmer
RE5,932 E	6/1874	Acker
204,267 A	5/1878	Unger
329,032 A	10/1885	Falls
391,433 A	10/1888	Stover
631,797 A	8/1899	Krause
D32,818 S	6/1900	Greenawalt
754,690 A	3/1904	Pelzer
776,153 A	11/1904	Swacick
887,548 A	5/1908	Trumble
926,520 A	6/1909	Thornton et al.
971,281 A	9/1910	Keene et al.
1,185,503 A	5/1916	Harsh
1,530,341 A	3/1925	Bannochie
1,538,056 A	5/1925	Olson
1,586,615 A	6/1926	Elliott

1,789,775 A	1/1931	Russ et al.
1,883,506 A	10/1932	Bommer
1,892,584 A	12/1932	Olson
1,958,940 A	5/1934	Cavanaugh et al.
2,058,163 A	10/1936	Malone
2,203,197 A	6/1940	Henry
2,218,183 A	10/1940	Springer
2,219,186 A	10/1940	Hornfeck
2,288,688 A	7/1942	Dubilier
2,313,712 A	3/1943	Jacobi
2,370,691 A	3/1945	Schlage
2,514,927 A	7/1950	Bernhard
2,586,900 A	2/1952	Alderman
2,597,174 A	5/1952	Patton et al.
2,615,744 A	10/1952	Colonna

(Continued)

FOREIGN PATENT DOCUMENTS

AU	29217-30	9/1931
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(Continued)

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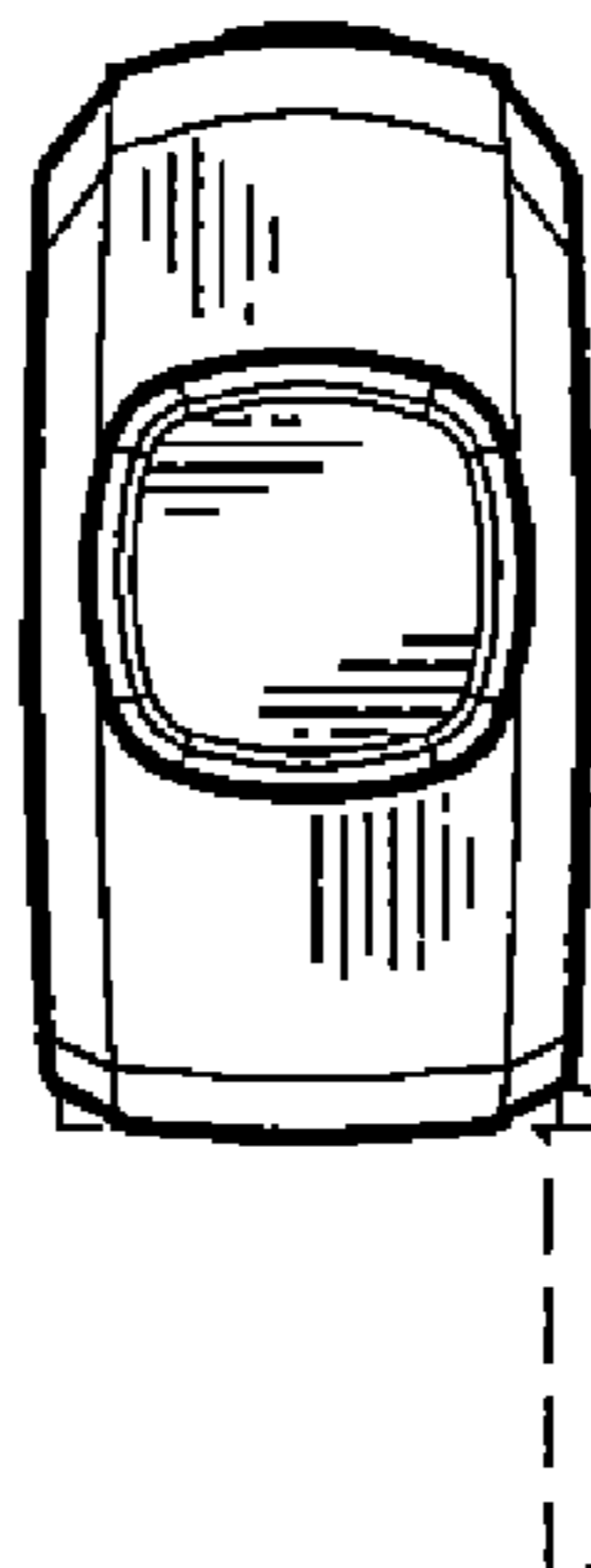
(57) **CLAIM**

The ornamental design for a latch, as shown and described.

DESCRIPTION

FIG. 1 is a top, front, and right perspective view of a latch showing our new design;
FIG. 2 is a top, rear, and left perspective view thereof;
FIG. 3 is a front elevational view thereof;
FIG. 4 is a rear elevational view thereof;
FIG. 5 is a bottom plan view thereof;
FIG. 6 is a top plan view thereof;
FIG. 7 is a left side elevational view thereof; and,
FIG. 8 is right side elevational view thereof.
The broken lines environment is for illustrative purpose only and forms no part of the claimed design.

1 Claim, 3 Drawing Sheets



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U.S. PATENT DOCUMENTS

2,690,349	A	9/1954	Teetor	
2,726,891	A	12/1955	Gresham et al.	
2,767,007	A	10/1956	Burke	
2,797,655	A	7/1957	Morehouse	
2,839,912	A	6/1958	Corbin et al.	
2,942,907	A	6/1960	Nagel et al.	
2,953,916	A	9/1960	Thomas	
2,988,389	A	6/1961	Wilson	
3,040,555	A	6/1962	Wartian	
3,046,776	A	7/1962	Marotto et al.	
3,098,258	A	7/1963	Ruiz	
3,107,113	A	10/1963	Sconzo	
3,111,021	A	11/1963	Patriquin et al.	
3,115,026	A	12/1963	Moore et al.	
3,161,036	A	12/1964	Himes	
3,273,925	A	9/1966	Graham	
3,314,707	A	4/1967	Van Donselaar	
3,316,582	A	5/1967	Johnson et al.	
3,334,936	A	8/1967	Hekelaar et al.	
3,350,127	A	10/1967	Hekelaar	
3,380,109	A	4/1968	Ruiz	
D212,861	S	12/1968	Raymond	
3,433,518	A	3/1969	Foltz	
3,516,701	A	6/1970	Graham	
3,538,538	A	11/1970	Field	
3,591,219	A	7/1971	Graziosi	
3,593,547	A	7/1971	Taylor	
3,677,591	A	7/1972	Waldo	
3,691,799	A	9/1972	Hoffmann et al.	
3,705,505	A	12/1972	Landow et al.	
3,778,866	A	12/1973	Nakanishi	
3,785,186	A	1/1974	James et al.	
3,794,366	A	2/1974	Graham	
3,825,973	A	7/1974	Gwozdz	
3,881,331	A	5/1975	Tranberg et al.	
3,890,813	A	6/1975	Cothron	
3,903,567	A	9/1975	Suska	
3,965,533	A	6/1976	Frohlich	
3,978,551	A	9/1976	Mochizuki	
4,014,192	A	3/1977	Dillon et al.	
4,025,095	A	5/1977	Hausladen	
4,069,545	A	1/1978	Holet et al.	
4,073,038	A	2/1978	Curry et al.	
4,073,520	A	2/1978	Tsuchiya et al.	
4,118,055	A	10/1978	Bischoff, Jr.	
4,339,845	A	7/1982	Newlon et al.	
4,378,684	A	4/1983	Dugan et al.	
4,414,828	A	11/1983	Takinami et al.	
4,419,788	A	* 12/1983	Prout	16/300
4,583,262	A	* 4/1986	Werner	16/300
D291,653	S	* 9/1987	Bialo	D8/331
4,691,541	A	9/1987	McQuade, Sr. et al.	
4,732,418	A	3/1988	Crown et al.	
4,751,765	A	6/1988	Wu	
4,817,242	A	4/1989	Rapp	
D301,116	S	5/1989	Foshee et al.	
4,838,053	A	6/1989	Shen	
4,848,812	A	7/1989	Slaughter	
4,854,009	A	* 8/1989	Brockhaus	16/263
D303,623	S	* 9/1989	Pearson	D8/330
4,919,463	A	4/1990	McQuade	
4,921,289	A	5/1990	Shen	
4,938,508	A	7/1990	Thomas	
4,962,567	A	10/1990	Dixon	
5,018,920	A	5/1991	Speakman	
5,024,473	A	6/1991	McQuade	
5,029,912	A	7/1991	Gotanda	
5,031,270	A	7/1991	Lee	
5,048,155	A	* 9/1991	Hwang	16/301
5,063,764	A	11/1991	Amis et al.	
5,103,658	A	4/1992	McQuade	
5,119,649	A	* 6/1992	Spence	70/14
5,149,155	A	9/1992	Caeti et al.	

5,177,987	A	1/1993	Shen	
D335,718	S	5/1993	Maglica et al.	
5,265,924	A	11/1993	Kim	
D342,952	S	1/1994	Yoder	
5,356,095	A	10/1994	Aker	
5,358,292	A	10/1994	Van Wiebe et al.	
5,362,116	A	11/1994	Doyle et al.	
5,463,795	A	* 11/1995	Carlson et al.	16/273
5,526,659	A	6/1996	Takimoto	
D371,503	S	7/1996	Nakano	
5,572,768	A	11/1996	Daul	
5,584,100	A	12/1996	Doyle et al.	
5,655,801	A	8/1997	Casey	
5,715,574	A	2/1998	Schall	
5,876,073	A	3/1999	Geringer et al.	
6,058,747	A	5/2000	Doyle et al.	
6,174,005	B1	1/2001	Norton	
D443,196	S	6/2001	Sosa	
6,264,255	B1	7/2001	Fortune	
6,327,879	B1	12/2001	Malsom	
6,347,819	B1	2/2002	Plaxco	
6,364,383	B1	4/2002	Shen	
D457,113	S	5/2002	Zapushek et al.	
6,460,220	B1	10/2002	Jackson	
6,513,351	B2	2/2003	Clark	
D484,389	S	12/2003	Evans	
6,732,408	B2	5/2004	Wu	
6,733,049	B2	5/2004	Piorkowski et al.	
6,733,050	B1	5/2004	Yao	
D495,235	S	8/2004	Burrows	
D502,859	S	3/2005	Peng et al.	
6,869,115	B2	3/2005	Shen	
6,898,953	B1	5/2005	Paprocki et al.	
6,905,152	B1	6/2005	Hudson	
D515,399	S	* 2/2006	Ho	D8/330
7,044,511	B2	5/2006	Kliefoth et al.	
7,201,030	B2	4/2007	Timothy	
D543,830	S	6/2007	Frank et al.	
7,240,400	B2	7/2007	Bonham	
D548,044	S	8/2007	Tang	
D550,061	S	9/2007	Tang	
D552,448	S	10/2007	Tang	
7,296,448	B1	11/2007	Shaw	
D557,586	S	12/2007	Shire et al.	
D595,569	S	7/2009	Darling, III	
D601,403	S	10/2009	Cosby et al.	
D605,493	S	12/2009	Tejszerski	
D614,476	S	* 4/2010	Buhse	D8/343
D634,605	S	* 3/2011	Guimaraes	D8/343
2004/0093689	A1	5/2004	Sosa et al.	
2007/0007773	A1	1/2007	Berkseth et al.	
2008/0016923	A1	1/2008	Zheng	

FOREIGN PATENT DOCUMENTS

AU	138996	4/1948
AU	245874	5/1963
DE	1961736	6/1971
DE	3205224	8/1983
DE	3313220	10/1984
DE	3605826	8/1987
FR	1180547	6/1959
FR	2405347	5/1979
GB	693564	7/1953
GB	759211	10/1956
GB	1108996	4/1968
GB	1382227	1/1975
GB	2006892	5/1990
GB	2010086	10/1990
JP	1-198983	8/1989
JP	3-172482	7/1991
JP	3212589	9/1991
JP	8210001	8/1996
WO	92/03631	3/1992

* cited by examiner

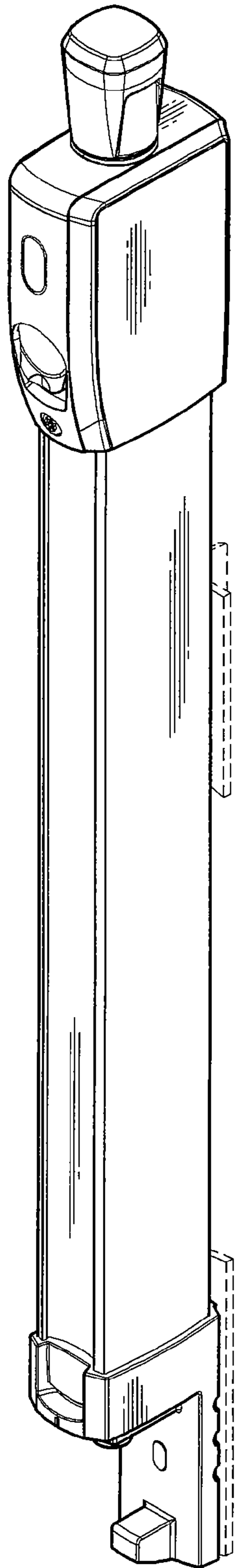


FIG. 1

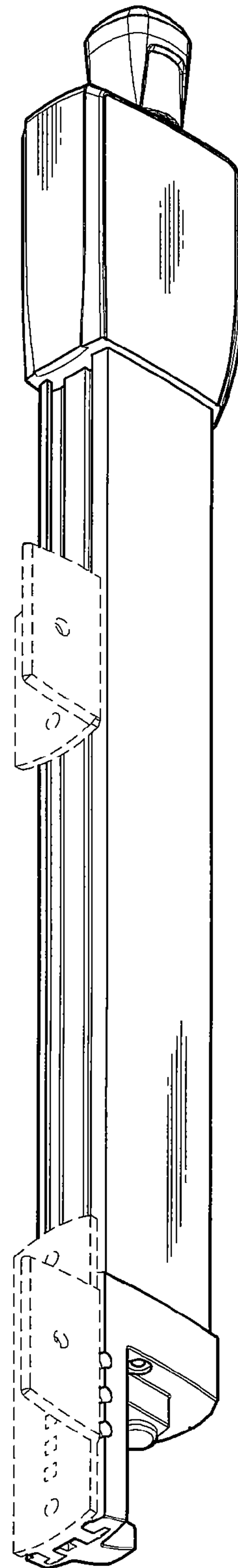


FIG. 2

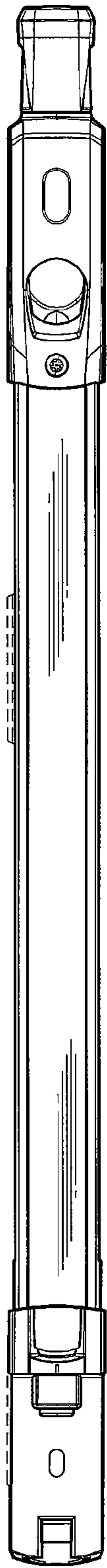


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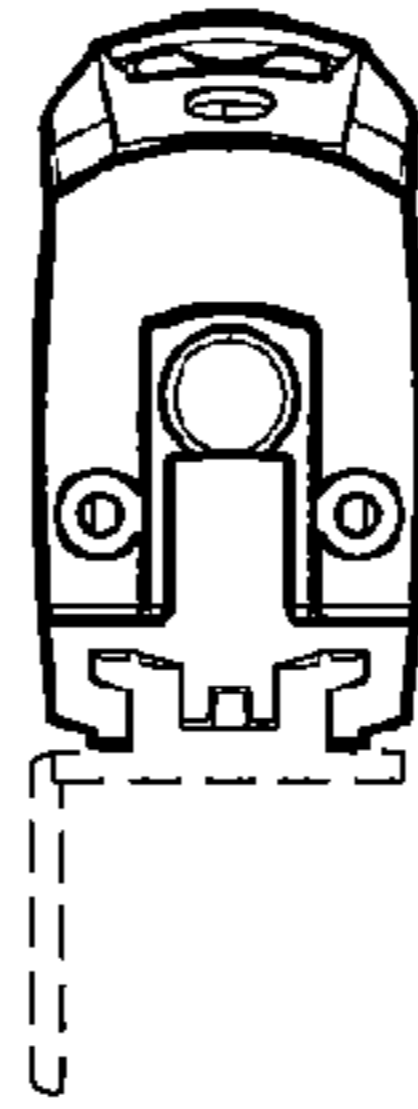


FIG. 5

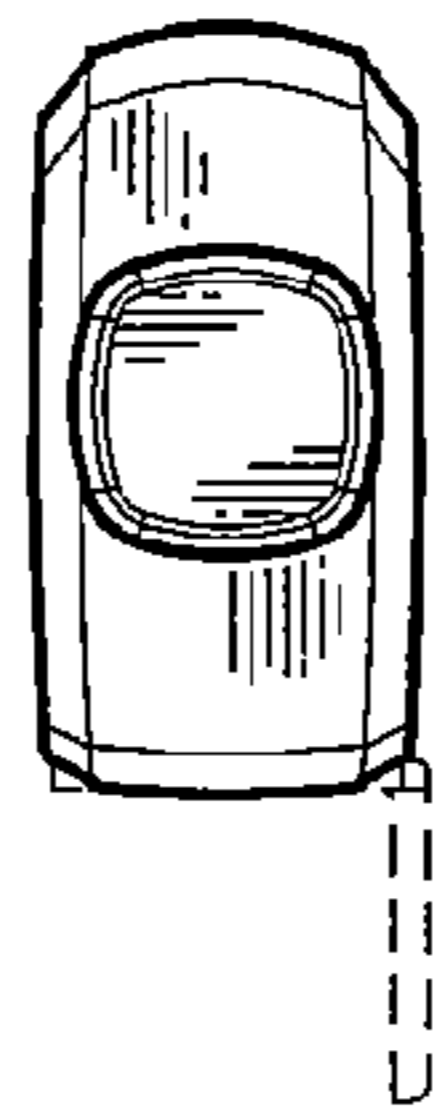


FIG. 6

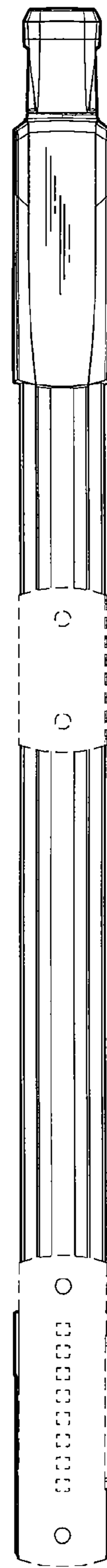


FIG. 4

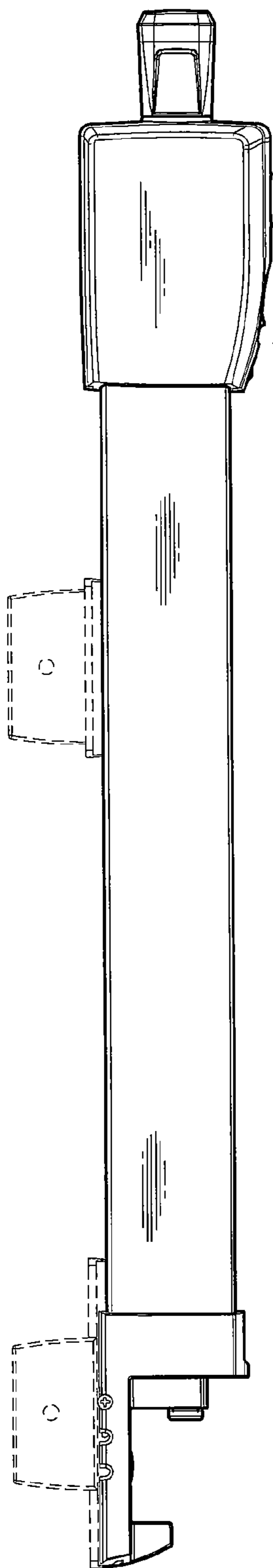


FIG. 7

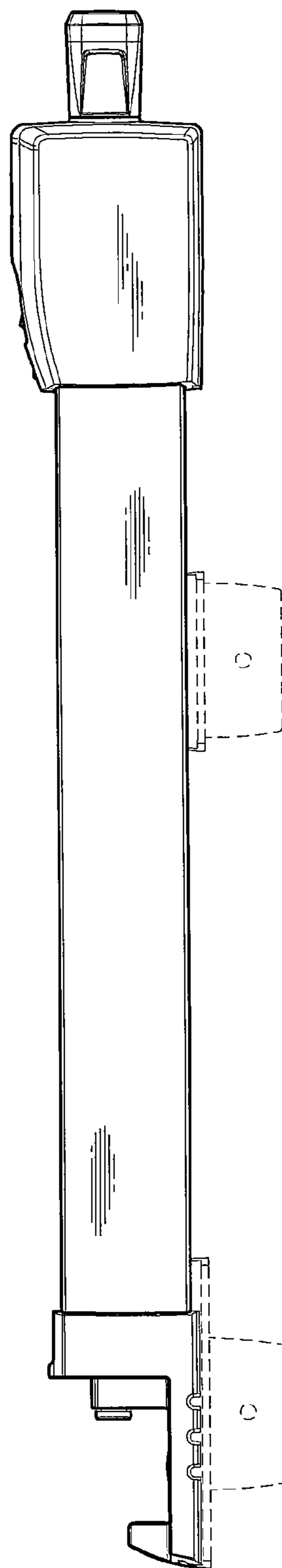


FIG. 8