



US00D844735S

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

(10) **Patent No.:** **US D844,735 S**

(45) **Date of Patent:** **** Apr. 2, 2019**

(54) **FIREARM STOCK**

(71) Applicant: **Magpul Industries Corp.**, Austin, TX
(US)

(72) Inventors: **Grady Barfoot**, Denver, CO (US);
Michael T. Mayberry, Denver, CO
(US)

(73) Assignee: **Magpul Industries Corp.**, Austin, TX
(US)

(**) Term: **15 Years**

(21) Appl. No.: **29/596,304**

(22) Filed: **Mar. 7, 2017**

(51) **LOC (11) Cl.** **22-01**

(52) **U.S. Cl.**
USPC **D22/108**

(58) **Field of Classification Search**

USPC D22/100, 103, 104, 105, 108–109;
D21/572–575, 401, 461, 567, 568;
124/16, 26, 27, 28, 29, 54, 73–77;
222/78, 79; 42/54, 57, 58, 71.01, 72, 73,
42/74, 75.03, 90; 446/23, 182, 192, 401,
446/403, 405–407, 473, 475
CPC F41A 21/30; F41A 21/325; F41C 23/02;
F41C 23/04; F41C 23/06; F41C 23/08;
F41C 23/10; F41C 23/12; F41C 23/14;
F41C 23/16; F41C 23/18; F41C 23/20;
F41C 23/22; F41C 7/02; F41C 7/04;
F41C 7/06; F41C 7/11; F41C 7/12; F41C
27/00; F41C 27/06

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

881,340 A 3/1908 Raiford
1,370,118 A 3/1921 Johnson
1,760,731 A 5/1930 Williams

1,858,862 A 5/1932 Loomis
2,441,735 A 5/1948 Warner
2,529,733 A 11/1950 King
3,011,283 A * 12/1961 Lunn F41C 23/00
42/71.01

(Continued)

FOREIGN PATENT DOCUMENTS

CA 2617094 A1 2/2007
EP 0903556 A1 3/1999

(Continued)

OTHER PUBLICATIONS

X-22 Backpacker Stock—Ruger 10/22 Takedown, Magpul.com,
[online], [site visited May 22, 2018]. <URL: <https://www.magpul.com/products/x-22-backpacker-stock-ruger-10-22-takedown>> (Year:
2018).*

(Continued)

Primary Examiner — T Chase Nelson

Assistant Examiner — Jonathan J. Han

(74) *Attorney, Agent, or Firm* — Neugeboren O’Dowd PC

(57)

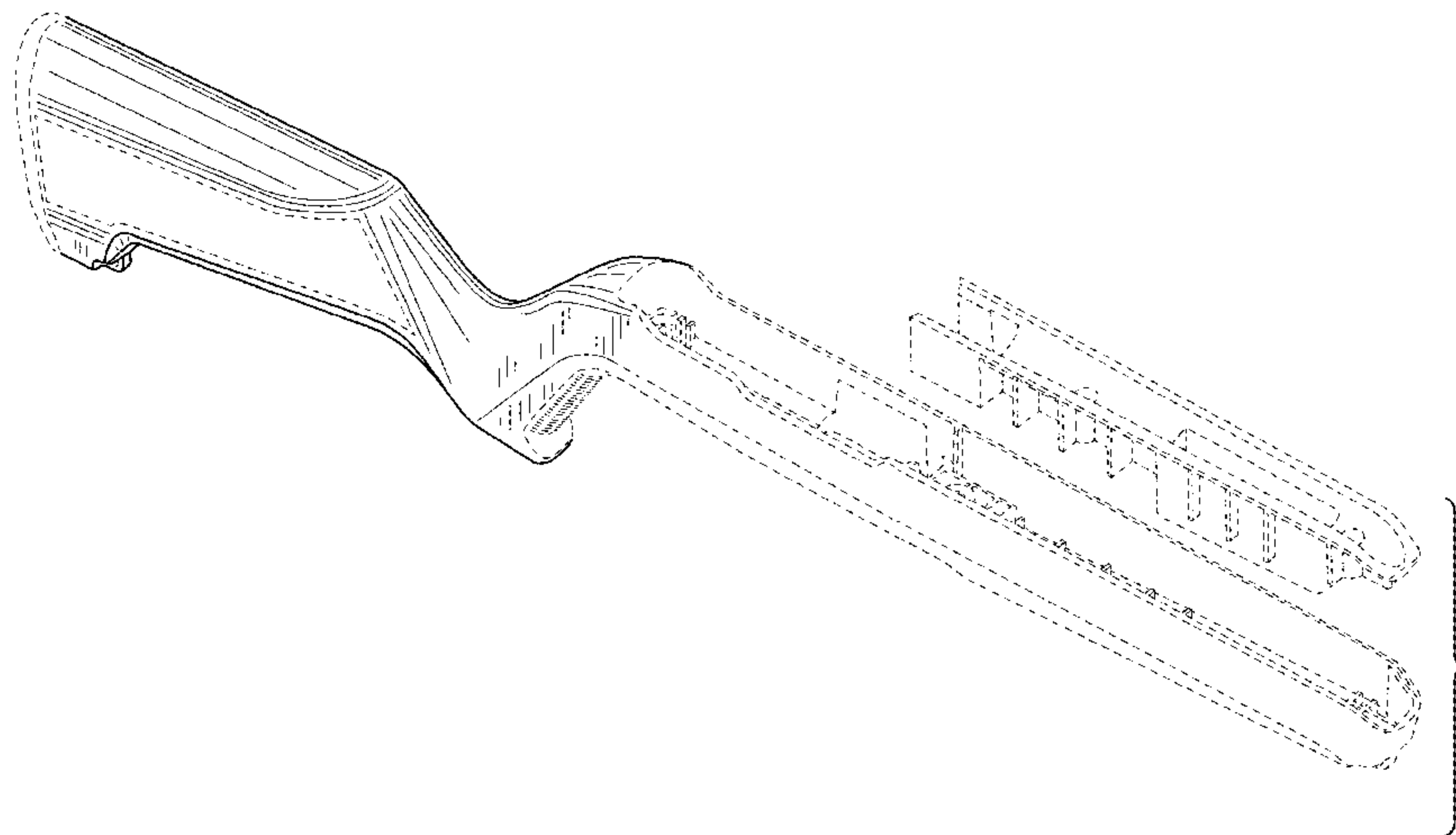
CLAIM

The ornamental design for a firearm stock, as shown and
described.

DESCRIPTION

FIG. 1 is a perspective view of an embodiment of the firearm
stock;
FIG. 2 is a front view of the firearm stock in FIG. 1;
FIG. 3 is a rear view of the firearm stock in FIG. 1;
FIG. 4 is a first side view of the firearm stock in FIG. 1;
FIG. 5 is a second side view of the firearm stock in FIG. 1;
FIG. 6 is a top view of the firearm stock in FIG. 1; and,
FIG. 7 is a bottom view of the firearm stock in FIG. 1.
The broken lines in all figures illustrate environmental
structure and do not form a part of the claimed design.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

3,611,611	A	10/1971	Quinney		8,341,863	B2	1/2013	Kefer	
3,842,527	A	10/1974	Low		8,347,774	B2	1/2013	Rich	
3,964,199	A	6/1976	Musgrave		8,353,123	B2	1/2013	Pullicar et al.	
4,205,474	A	6/1980	Musgrave		8,397,415	B2	3/2013	Laney et al.	
4,220,071	A	9/1980	Seiderman		8,397,416	B2	3/2013	Laney et al.	
4,297,801	A	11/1981	Kahn		D679,356	S *	4/2013	Klotz	D22/103
4,366,638	A	1/1983	Ketterer et al.		8,464,628	B2	6/2013	Potterfield et al.	
4,385,464	A *	5/1983	Casull	F41C 23/00 42/75.03	8,522,468	B2	9/2013	Webber et al.	
4,502,237	A	3/1985	Krogh		8,528,243	B1	9/2013	Glock	
4,519,156	A	5/1985	Shaw		8,539,708	B2	9/2013	Kenney et al.	
4,608,909	A	9/1986	Peters		D692,514	S *	10/2013	Vera	D22/108
4,644,930	A	2/1987	Mainhardt		8,561,335	B2	10/2013	Brown	
4,674,216	A *	6/1987	Ruger	F41C 23/18 42/71.01	D693,420	S	11/2013	Abbott et al.	
D297,855	S *	9/1988	Ruger	D22/103	8,601,736	B2	12/2013	Andersson	
4,805,333	A	2/1989	Doria et al.		8,615,915	B2	12/2013	Hunter et al.	
4,864,761	A	9/1989	Gregory		8,635,796	B2	1/2014	Fitzpatrick et al.	
D304,223	S *	10/1989	Ruger	D22/103	D701,283	S *	3/2014	Vera	D22/108
4,989,359	A	2/1991	Kinkner et al.		8,667,724	B2	3/2014	Zheng	
5,228,887	A	7/1993	Mayer		8,677,880	B2	5/2014	Bowles et al.	
5,279,200	A	1/1994	Rose		8,713,837	B2	5/2014	Simpson	
5,357,703	A	10/1994	Chestnut et al.		8,713,838	B2	5/2014	Ubl et al.	
5,375,359	A	12/1994	Chesnut et al.		8,714,144	B2	5/2014	Zadra	
5,410,834	A	5/1995	Benton et al.		8,720,095	B2	5/2014	Wright	
5,423,145	A	6/1995	Nasset		8,739,446	B2	6/2014	Sullivan et al.	
5,450,683	A	9/1995	Miller		8,782,940	B1	7/2014	Morris	
5,526,600	A	6/1996	Chesnut et al.		8,782,943	B2	7/2014	Jarboe	
5,540,008	A	7/1996	Kimstatter		8,806,789	B2	8/2014	Devine	
5,544,564	A	8/1996	Balbo et al.		D712,498	S *	9/2014	Du Plooy	D22/108
RE35,381	E	11/1996	Rose		D712,996	S *	9/2014	Tresserras Torre	D22/108
5,588,241	A	12/1996	Hurley		8,826,578	B2	9/2014	Nogueira	
5,669,169	A	9/1997	Schmitter et al.		8,832,987	B2	9/2014	Addis	
5,678,343	A	10/1997	Menges et al.		8,839,543	B2	9/2014	Fitzpatrick et al.	
5,698,810	A	12/1997	Rose		8,863,422	B2	10/2014	Ballard	
5,706,599	A	1/1998	Knight		D717,386	S *	11/2014	Moretti	D22/103
5,987,797	A	11/1999	Dustin		8,881,444	B2	11/2014	Warburton et al.	
6,070,354	A	6/2000	Burigana et al.		D719,235	S	12/2014	Mikroulis	
6,205,696	B1	3/2001	Bilgeri		8,904,692	B2	12/2014	Ballard	
6,223,458	B1	5/2001	Schwinkendorf et al.		8,931,200	B2	1/2015	Pratt	
6,295,751	B1	10/2001	Piwonski		8,931,393	B1	1/2015	Vincent et al.	
6,301,817	B1	10/2001	Hogue et al.		8,935,872	B2	1/2015	Zukowski	
6,427,372	B1	8/2002	Howard et al.		8,984,790	B2	3/2015	Wilson et al.	
6,637,142	B1	10/2003	Reynolds		9,074,839	B2	7/2015	Warburton	
6,889,462	B1	5/2005	Carlson		9,091,505	B1	7/2015	Battaglia	
7,036,259	B2	5/2006	Beretta		9,140,506	B2	9/2015	Gomez	
7,104,000	B2	9/2006	Orth		9,140,519	B2	9/2015	Simpson	
7,137,219	B2	11/2006	Wossner et al.		9,151,553	B2	10/2015	Constant et al.	
7,337,574	B2	3/2008	Crandall et al.		D744,055	S	11/2015	Bitz et al.	
7,451,564	B2	11/2008	Wait		D745,623	S	12/2015	Flores	
7,523,579	B2	4/2009	Al-Mulla		D745,940	S	12/2015	Flores	
7,587,853	B2	9/2009	Aalto		9,222,739	B1	12/2015	Bennett et al.	
7,621,063	B2	11/2009	Fitzpatrick et al.		9,234,717	B2	1/2016	Jarboe	
7,631,453	B2	12/2009	Longueira		9,261,320	B2	2/2016	Campbell et al.	
7,694,449	B1	4/2010	Pontillo		9,267,750	B1	2/2016	Tubb	
7,716,864	B2	5/2010	Skrubis et al.		9,273,926	B2	3/2016	Wood et al.	
7,823,314	B1	11/2010	Wheatley		9,273,929	B2	3/2016	Sugg	
7,841,121	B1	11/2010	Barrett		9,279,631	B2	3/2016	Barnhart	
D631,526	S *	1/2011	Torre	D22/108	9,285,178	B2	3/2016	Sellars	
7,861,640	B2	1/2011	Lippard		9,322,611	B1	4/2016	Barfoot et al.	
7,886,473	B2	2/2011	Rotharmel		D755,323	S *	5/2016	Eitan	D22/103
7,954,270	B2	6/2011	Bentley		D757,885	S *	5/2016	Barfoot	D22/108
8,056,278	B2	11/2011	Bentley		9,383,151	B2	7/2016	Ballard	
8,069,601	B1	12/2011	Fitzpatrick et al.		9,429,387	B1 *	8/2016	Barfoot	F41C 23/16
8,079,169	B2	12/2011	Gregg		9,448,034	B2 *	9/2016	Downey	F41C 23/06
8,109,027	B2	2/2012	Cragg		9,494,375	B2	11/2016	Mikroulis	
8,141,285	B2	3/2012	Brown		D781,391	S *	3/2017	Findlay	D22/108
8,166,692	B2	5/2012	Fitzpatrick et al.		9,612,084	B2 *	4/2017	Barfoot	F41C 23/16
8,176,671	B2	5/2012	Pfersman et al.		9,857,132	B2 *	1/2018	Ballard	F41A 9/70
8,220,194	B2	7/2012	Crow		2005/0115135	A1	6/2005	Thompson	
8,230,632	B2	7/2012	Moretti		2006/0162217	A1	7/2006	Longueira	
8,230,633	B1	7/2012	Sisk		2007/0107592	A1	5/2007	Snow	
8,234,808	B2	8/2012	Lewis et al.		2007/0271833	A1	11/2007	Fletcher	
D671,182	S *	11/2012	Klotz	D22/103	2008/0052977	A1	3/2008	O'Dwyer et al.	
D674,027	S *	1/2013	Reinagel	D21/573	2008/0244951	A1 *	10/2008	Picard	F41A 3/66 42/71.01
					2009/0107022	A1	4/2009	Fitzpatrick et al.	
					2010/0126053	A1	5/2010	Fitzpatrick et al.	
					2010/0251590	A1	10/2010	Fitzpatrick et al.	
					2010/0269389	A1	10/2010	Laparra	
					2011/0079132	A1	4/2011	Rich	

(56)

References Cited

U.S. PATENT DOCUMENTS

2011/0113663	A1	5/2011	Nakayama et al.	
2011/0302816	A1	12/2011	Fitzpatrick et al.	
2012/0042557	A1	2/2012	Gomez et al.	
2012/0066950	A1	3/2012	Davidson	
2012/0073429	A1	3/2012	Bowles et al.	
2012/0131831	A1	5/2012	Sullivan et al.	
2012/0180360	A1	7/2012	Jones	
2012/0317857	A1	12/2012	Fitzpatrick et al.	
2013/0180146	A1	7/2013	Fitzpatrick et al.	
2013/0232841	A1	9/2013	Knoebel et al.	
2014/0026460	A1	1/2014	Warburton et al.	
2014/0053716	A1*	2/2014	Norton	F41A 9/64 89/33.1
2014/0059910	A1*	3/2014	Norton	F41A 3/26 42/9
2014/0075808	A1	3/2014	Ballard	
2014/0075810	A1	3/2014	Mikroulis	
2014/0190055	A1	7/2014	Warburton	
2014/0190057	A1	7/2014	Simpson	
2014/0196342	A1*	7/2014	Syregel	F41C 7/02 42/71.01
2014/0215877	A1	8/2014	Sullivan et al.	
2014/0215878	A1	8/2014	Fitzpatrick et al.	
2014/0352189	A1	12/2014	Fitzpatrick et al.	
2014/0360070	A1*	12/2014	Hendricks	F41B 11/60 42/1.08
2015/0000171	A1	1/2015	Roberts	
2015/0007475	A1	1/2015	Hasler	
2015/0020423	A1*	1/2015	Withey	F41A 3/22 42/16
2015/0107144	A1	4/2015	DiChario	
2015/0192384	A1	7/2015	Ballard	
2015/0247695	A1	9/2015	Jarboe	
2015/0316335	A1*	11/2015	Withey	F41A 3/22 42/16
2015/0377575	A1	12/2015	Potter et al.	
2015/0377584	A1	12/2015	Chvala	
2016/0003576	A1	1/2016	Spykerman et al.	
2016/0047623	A1	2/2016	Frankel	
2016/0209155	A1	7/2016	Dodson	
2017/0122685	A1*	5/2017	Kolev	F41A 19/10
2018/0003465	A1*	1/2018	Sessions	F41G 11/003
2018/0080730	A1*	3/2018	Cook	F41A 9/26
2018/0128561	A1*	5/2018	Lesenfans	F41A 9/52

FOREIGN PATENT DOCUMENTS

EP	2017564	A2	1/2009
EP	2550500	A2	1/2013
EP	2208957	A2	4/2013
EP	2641050	A1	9/2013
EP	2661599	A1	11/2013
EP	2791611	A1	10/2014
EP	2828604	A1	1/2015
ES	2548151	T3	10/2015
GB	2485166	A	5/2012
WO	2009097504	A1	8/2009
WO	2011159383	A3	8/2012
WO	2015186017	A1	12/2015
WO	2015200588	A1	12/2015
WO	2016028908	A1	2/2016

OTHER PUBLICATIONS

Ruger 10/22 Advanced Hunting Stock (KKC), AltaMontCo.com, [online], [site visited May 22, 2018]. <URL: <https://www.altamontco.com/rifle-stocks/1022/KKC/>> (Year: 2018).*

5 Scout Rifles to Seriously Consider for Survival, GunDigest.com, by Jorge Amselle, Dec. 19, 2017, [online], [site visited May 22, 2018]. <URL: <https://gundigest.com/article/5-scout-rifles-survival>> (Year: 2017).*

Steyr Scout Review, HuntingGearGuy.com, by Adriel Michaud on Mar. 2, 2015, [online], [site visited May 22, 2018]. <URL: <https://www.huntinggarguy.com/rifle-reviews/steyr-scout-review/>> (Year: 2015).*

Krynski, William, “International Search Report and Written Opinion re Application No. PCT/US16/18744”, Apr. 21, 2016, p. 10, Published in: WO.

Schneider, Laura A., “Response to Office Action Re U.S. Appl. No. 14/630,303”, dated Jul. 17, 2015, p. 11, Published in: US.

Schneider, Laura A., “Response to Office Action re U.S. Appl. No. 14/630,303”, , p. 11, Published in: US.

Freeman, Joshua E., “Office Action re U.S. Appl. No. 14/945,985”, dated Jan. 5, 2016, p. 13, Published in: US.

Schneider, Laura A., “Response to Office Action re U.S. Appl. No. 14/945,985”, dated Mar. 29, 2016, p. 10, Published in: US.

Freeman, Joshua E., “United States Office Action Re U.S. Appl. No. 15/223,576”, dated Sep. 21, 2016, p. 23, Published in: US.

Schneider, Laura A., “Response to Office Action Re U.S. Appl. No. 15/223,576”, Dec. 19, 2016, p. 7, Published in: US.

U.S. P.A.L.M., “AK30-10 Black 10rd Magazine”, p. 2, Published in: US.

Tapco, Inc., “AK Folding Stock—Black”, Webpage found at http://www.tapco.com/products/ak/index.php?_a=viewProd&productId=414 downloaded on Feb. 24, 2015, p. 1, Published in: US.

Arsenal Inc. USA, “Arsenal Inc. USA Magazine Follower for 7.62 Magazines”, Known to exist as early as Apr. 2, 2015, p. 1, Published in: US.

Browning, “Boss Owner’S Manual”, Retrieved from <http://www.browning.com/content/dam/browning/support/owners-manuals/11-bfa-048-boss-om.pdf>, Jan. 25, 2017, p. 9.

Magpul Industries, Corp., “Magpul Hunter 700”, Retrieved from <https://www.magpul.com/products/hunter-700-stock-remington-700-short-action>, Known to exist as early as Feb. 6, 2017, p. 9.

Magpul Industries, Corp., “Hunter X-22 Stock Ruger 10/22”, Retrieved from <https://www.magpul.com/products/hunter-x-22-stock-ruger-10-22>, Known to exist as early as Feb. 6, 2017, p. 9.

Lyman Products, “Tacstar—Adaptive Tactical 10-22 Stock”, Retrieved from <https://www.youtube.com/watch?v=ZfNOzG6FGRg> Known to exist as early as Sep. 30, 2013, p. 4.

Midway USA, “TacStar Stock M4 Tactical Collapsible Ruger 10/22 Synthetic”, Retrieved from <http://www.midwayusa.com/product/1535931703/tacstar-stock-m4-tactical-collapsible-ruger-10-22-synthetic>, Known to exist as early as Jun. 27, 2016, p. 1, Published in: US.

Freeman, Joshua, “Office Action re U.S. Appl. No. 14/630,303”, Apr. 17, 2015, p. 10, Published in: US.

Young, Lee W., “International Search Report and Written Opinion re Application No. PCT/US16/14700”, May 17, 2016, p. 11, Published in: WO.

Victor, Michael, “Victor Company Titan 1022 Forum”, Website located at <http://www.rimfirecentral.com/forums/showpost.php?p=5128423&postcount=157>, Known to exist as early as Apr. 20, 2016, p. 1.

Sturm, Ruger & Co., Inc., “Ruger 10/22 Autoloading Rifles”, Retrieved from <http://www.ruger.com/products/1022/overview.html>, Known to exist as early as Feb. 6, 2017, p. 4.

Magpul Industries, Corp., “SGA Stock Remington 870”, Retrieved from <https://www.magpul.com/products/sga-stock-remington-870>, Known to exist as early as Feb. 6, 2017, p. 8.

RWAL, “Spring Loaded Barrel Support”, Website located at <http://www.rimfirecentral.com/forums/showthread.php?t=92703>, Known to exist as early as Apr. 20, 2016, p. 4.

Stockys, LLC, “Stocky’s New Long Range Composite Stock—Remington 700—Textured Finish”, Website located at <https://www.stockysstocks.com/stocky-s-new-long-range-composite-stock-remington-700-painted.html>, Known to exist as early as Apr. 20, 2016, p. 3.

Tacstar, “TacStar Ruger 10-22 Adaptive Tactical Stock”, Webpage found at www.tacstar.com/home/tacticalstock.php, Known to exist as early as Jul. 6, 2015, p. 3, Published in: US.

primaryarms.com, “WeaponTech AK47 Enhanced Bolt Hold Open”, http://www.primaryarms.com/weapontech_ak47_enhanced_bolt_hold_open_follower_p/afwtakf3.htm, Known to exist as early as Apr. 2, 2015, p. 3, Published in: US.

(56)

References Cited

OTHER PUBLICATIONS

Magpul Industries, Corp., "X-22 Backpacker Stock Ruger 10/22 Takedown", Retrieved from <https://www.magpul.com/products/x-22-backpacker-stock-ruger-10-22-takedow>, Known to exist as early as Feb. 6, 2017, p. 9.

* cited by examiner

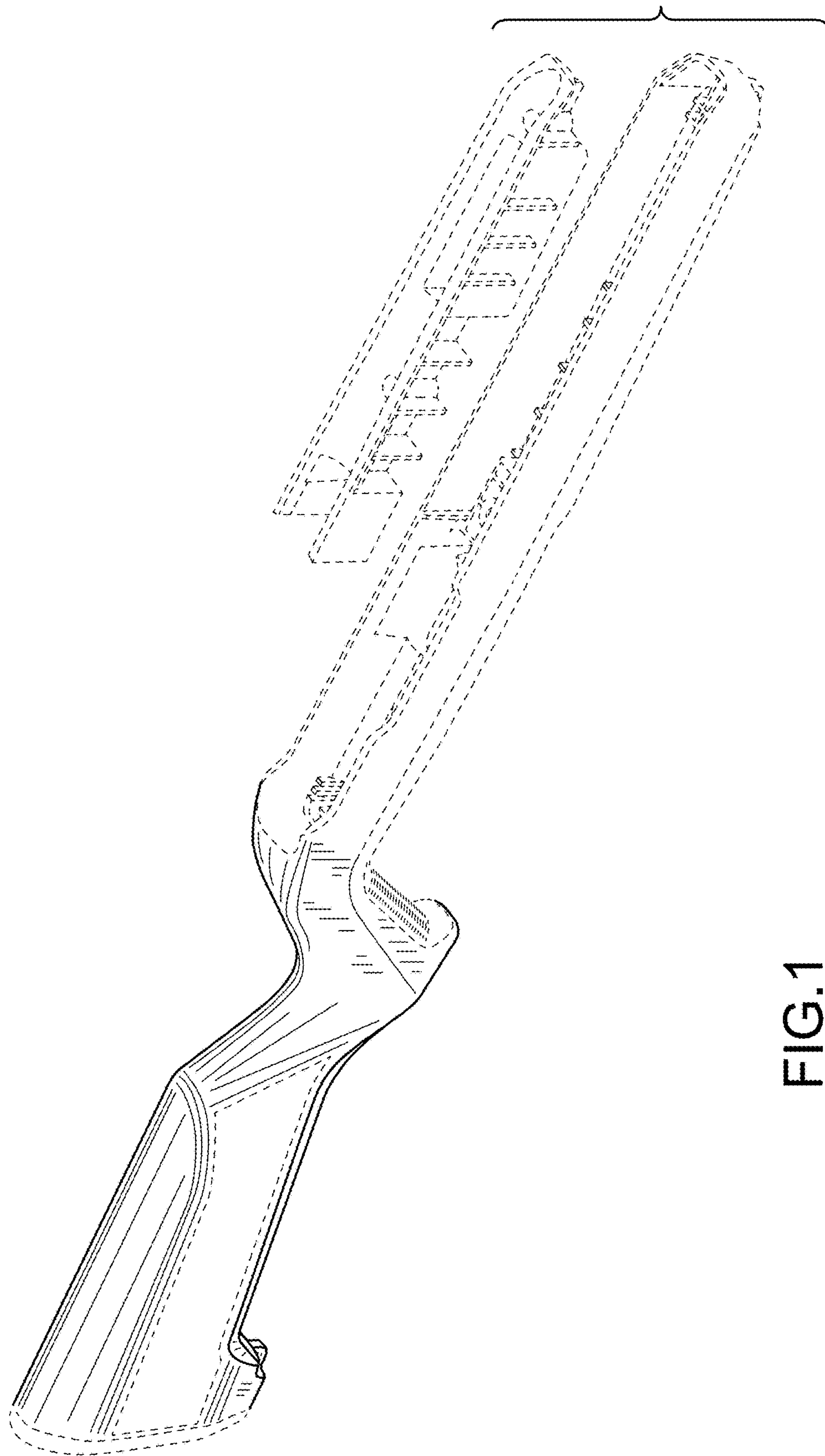


FIG.1

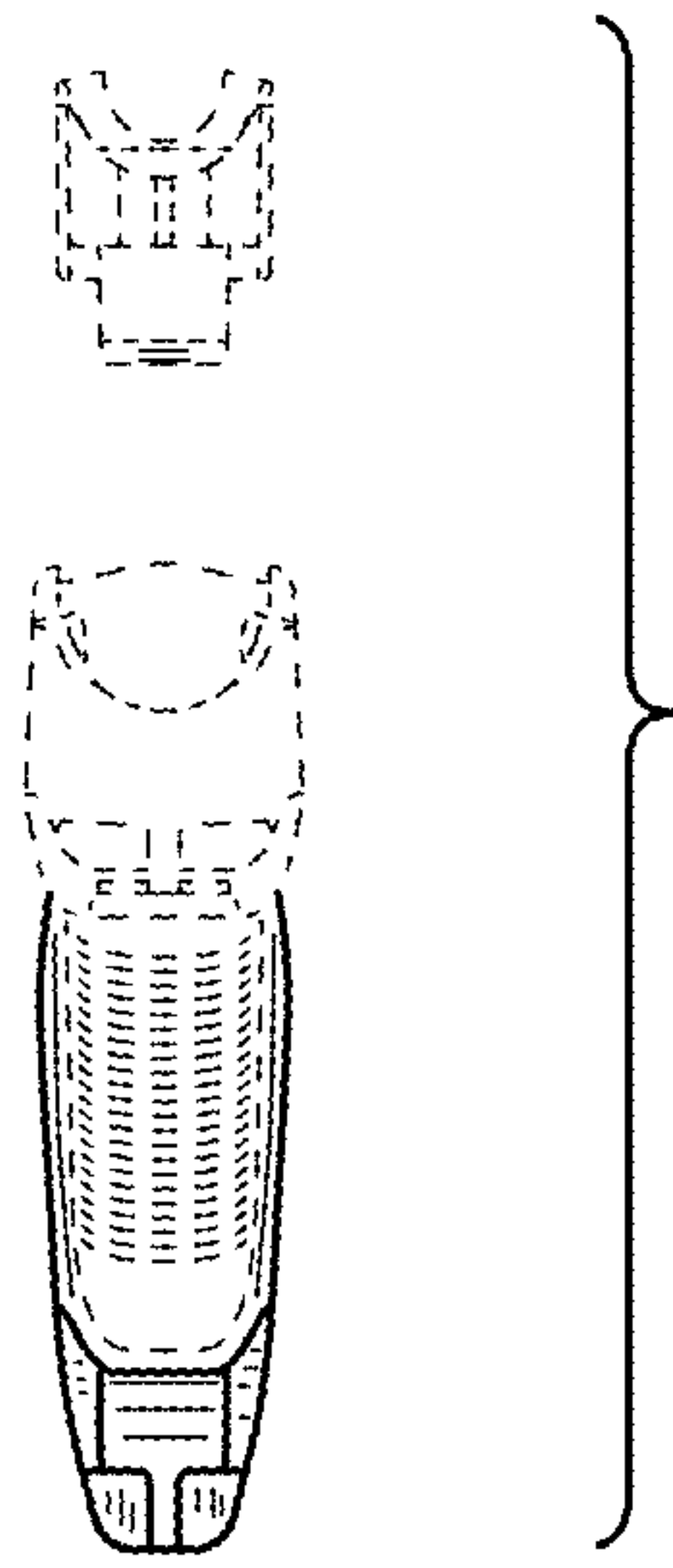


FIG.2

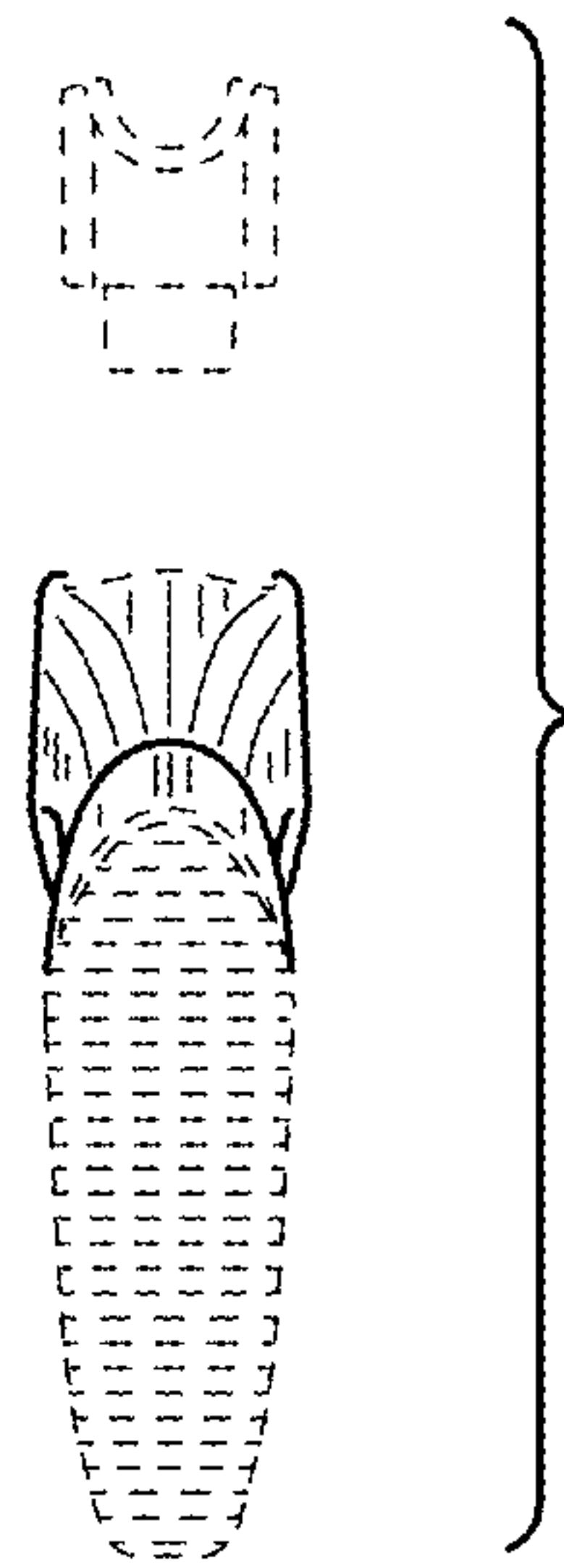


FIG.3

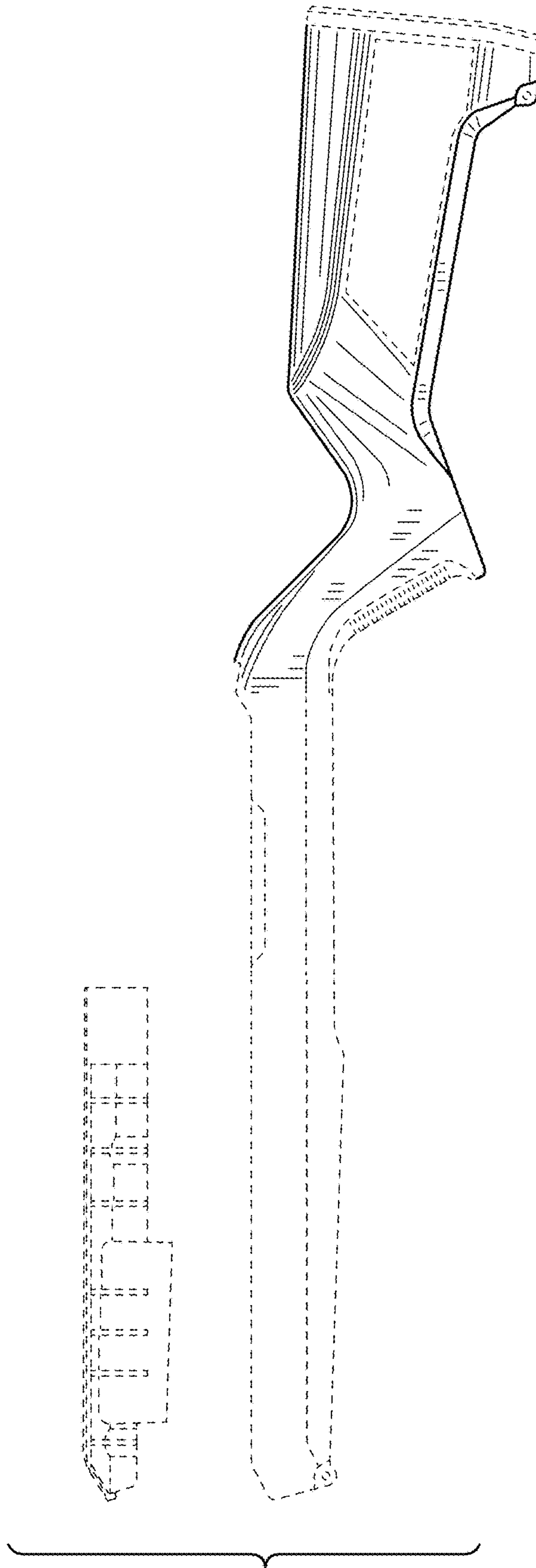


FIG.4

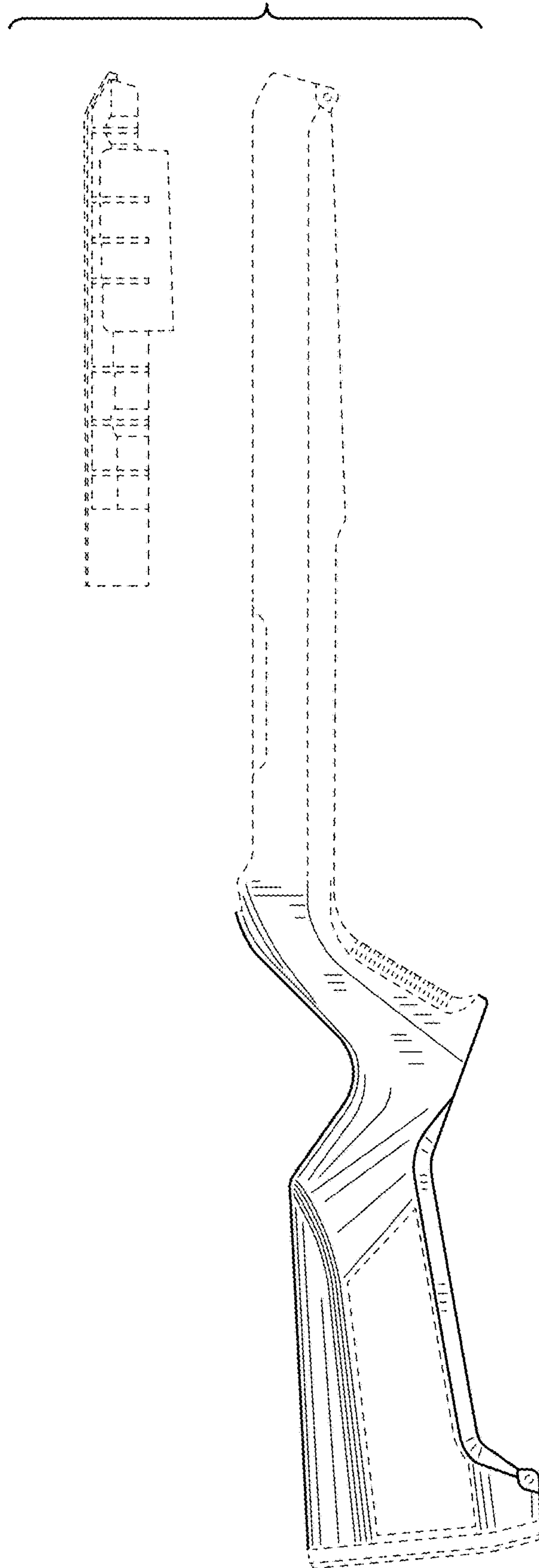


FIG.5

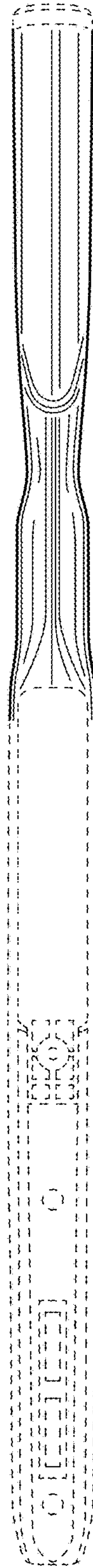


FIG.6

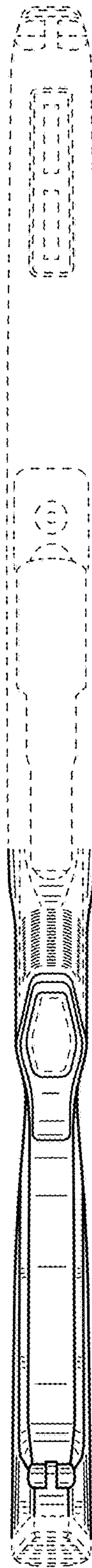


FIG.7