US00D815858S

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

(10) **Patent No.: US D815,858 S**
(45) **Date of Patent: ** Apr. 24, 2018**

(54) **CELLULAR SHADE COMPONENT**

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(73) Assignee: **Hunter Douglas Inc.**, Pearl River, NY (US)

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

(21) Appl. No.: **29/529,947**

(22) Filed: **Jun. 11, 2015**

Related U.S. Application Data

(62) Division of application No. 29/451,382, filed on Apr. 1, 2013, now Pat. No. Des. 734,060.

(51) **LOC (11) Cl.** **06-10**

(52) **U.S. Cl.**
USPC **D6/580**

(58) **Field of Classification Search**
USPC D6/575, 576, 577, 578, 579, 580, 581; D8/17, 349, 350–353, 369, 376, 378, 379, D8/404; D5/1–4, 19, 47, 48, 51, 54, 58, D5/99; D25/138
CPC E06B 3/30; E06B 9/00; E06B 9/02; E06B 9/24; E06B 9/262; A47H 1/00; A47H 1/02; A47H 21/00; A47H 23/00; A47H 23/02; A47H 23/04; A47H 2001/0205; A47H 2023/025
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,827,718 A 10/1931 Whitney
2,118,134 A 5/1938 Allison
2,201,356 A 5/1940 Terrell
RE22,311 E 5/1943 Roy
2,318,525 A 5/1943 Renton
(Continued)

FOREIGN PATENT DOCUMENTS

AU 622268 B2 9/1991
AU 2004/308391 B2 7/2005
(Continued)

OTHER PUBLICATIONS

Jindal Films, Oppalyte 36MO747, Multi-Plastics, Inc., Jun. 15, 2010, 4 pages.
(Continued)

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(57) **CLAIM**

The ornamental design for a cellular shade component, as shown and described.

DESCRIPTION

FIG. **1** is an isometric view of the front and left sides of a cellular shade component.

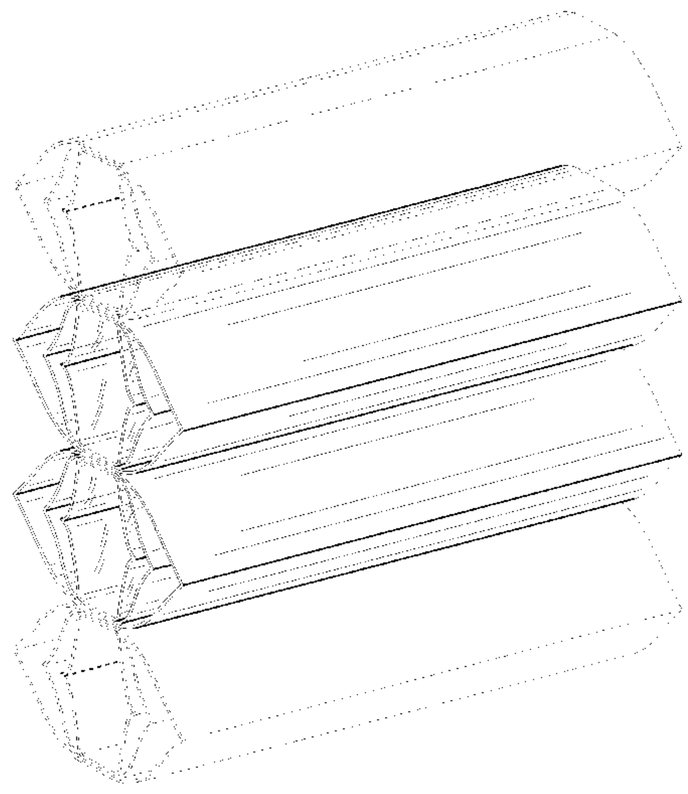
FIG. **2** is a left side elevation view of the cellular shade component of FIG. **1**.

FIG. **3** is a front elevation view of the cellular shade component of FIG. **1**. The rear elevation view is a mirror image thereof; and,

FIG. **4** is top plan view of the cellular shade component of FIG. **1**. The bottom plan view is a mirror image thereof.

The dot-dash-dot broken lines visible in FIGS. **1** and **4** represent the boundaries of the claim and form no part thereof. The dash-dash broken lines in FIGS. **1-4** represent portions of the cellular shade component that form no part of the claimed design.

1 Claim, 4 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

3,370,972	A		2/1968	Nagel et al.
3,386,490	A		6/1968	Kandel
3,487,875	A		1/1970	Shukat et al.
3,490,515	A		1/1970	Kandel
RE29,340	E		8/1977	Matsunami et al.
4,069,857	A		1/1978	Brookshire
4,288,485	A		9/1981	Suominen
4,388,354	A		6/1983	Suominen
4,397,346	A		8/1983	Chumbley et al.
D277,061	S		1/1985	Picoy
4,542,602	A		9/1985	Hoverson
4,631,217	A		12/1986	Anderson
4,647,488	A		3/1987	Schnebly et al.
4,675,060	A		6/1987	Schnebly et al.
4,676,855	A		6/1987	Anderson
4,677,012	A		6/1987	Anderson
4,677,013	A		6/1987	Anderson
4,685,986	A		8/1987	Anderson
4,694,144	A		9/1987	Delaroche et al.
4,698,276	A		10/1987	Duval
4,739,816	A		4/1988	Dodich et al.
4,751,115	A		6/1988	Smith et al.
4,846,243	A		7/1989	Schneider
4,849,039	A	*	7/1989	Colson B31D 3/0215 156/197
4,884,612	A		12/1989	Schnebly et al.
4,915,153	A		4/1990	Toti
4,921,032	A		5/1990	May
4,943,454	A		7/1990	Neff
4,974,656	A		12/1990	Judkins
4,984,617	A		1/1991	Corey
4,999,073	A		3/1991	Kao et al.
5,015,317	A	*	5/1991	Corey B31F 1/245 156/197
5,037,700	A		8/1991	Davis
5,043,039	A		8/1991	Swiszcz
5,054,534	A		10/1991	Hong
5,078,195	A		1/1992	Schon
5,090,098	A		2/1992	Seveik et al.
5,106,444	A		4/1992	Corey et al.
5,129,440	A		7/1992	Colson
5,158,632	A		10/1992	Colson et al.
5,160,563	A		11/1992	Kutchmarek et al.
5,188,160	A		2/1993	Jelic
5,193,601	A		3/1993	Corey et al.
5,205,333	A		4/1993	Judkins
5,207,257	A		5/1993	Rupel et al.
5,296,974	A		3/1994	Tada et al.
5,313,998	A		5/1994	Colson et al.
D352,856	S		11/1994	Ford
5,390,720	A		2/1995	Colson et al.
5,409,050	A		4/1995	Hong
5,425,408	A		6/1995	Colson
5,455,098	A		10/1995	Cheng
5,482,750	A		1/1996	Colson et al.
5,485,875	A		1/1996	Genova
5,490,533	A		2/1996	Carter
5,503,210	A		4/1996	Colson et al.
5,547,006	A		8/1996	Auger
5,560,976	A		10/1996	Huang
5,566,735	A		10/1996	Jelic
D378,332	S		3/1997	Simoni
5,620,035	A		4/1997	Judkins
5,632,316	A		5/1997	Cohen
5,649,583	A		7/1997	Hsu
5,654,073	A		8/1997	Swiszcz et al.
5,690,156	A		11/1997	Ruggles
5,692,550	A	*	12/1997	Ford E06B 9/262 156/197
5,701,940	A	*	12/1997	Ford E06B 9/262 156/197
5,706,876	A		1/1998	Lysyj
5,746,266	A		5/1998	Colson et al.
5,787,951	A		8/1998	Tonomura et al.
5,791,390	A		8/1998	Watanabe
5,813,447	A		9/1998	Lysyj
5,837,084	A		11/1998	Barss
5,860,711	A		1/1999	Kronberg et al.
5,974,763	A		11/1999	Colson et al.
6,006,812	A		12/1999	Corey
6,033,504	A		3/2000	Judkins
6,047,759	A		4/2000	Lysyj
6,052,966	A		4/2000	Colson et al.
6,103,336	A		8/2000	Swiszcz
D436,783	S		1/2001	Cooper et al.
6,192,642	B1	*	2/2001	Colson E04B 9/00 52/506.01
6,257,300	B1		7/2001	Brownlie
6,257,301	B1		7/2001	Conforti
6,283,190	B1		9/2001	Hu et al.
D448,594	S		10/2001	Throne
6,302,181	B1		10/2001	Rupel
6,319,586	B1		11/2001	Colson
6,345,486	B1		2/2002	Colson et al.
6,354,353	B1		3/2002	Green et al.
6,416,842	B1	*	7/2002	Swiszcz B31D 3/0215 428/116
6,461,464	B1		10/2002	Swiszcz
6,497,264	B1		12/2002	Paskevicius
6,520,238	B2		2/2003	Allsopp
6,527,895	B1		3/2003	Palmer
6,550,519	B2		4/2003	Green et al.
6,572,725	B2		6/2003	Goodhue
6,601,637	B2		8/2003	Toti
6,662,845	B1		12/2003	Palmer
6,675,859	B2		1/2004	Nien
6,740,389	B2		5/2004	Yu
6,767,615	B1		7/2004	Judkins et al.
6,792,996	B1		9/2004	Yu et al.
D498,105	S		11/2004	Tyner
6,834,702	B2		12/2004	Nien
D501,749	S		2/2005	Gruner
6,932,138	B2		8/2005	Yu et al.
6,941,995	B2		9/2005	Hsu
6,988,526	B2		1/2006	Judkins
D514,859	S		2/2006	Herhold et al.
D515,345	S		2/2006	Herhold et al.
7,021,359	B2		4/2006	Yu et al.
7,117,919	B2		10/2006	Judkins
7,124,802	B2		10/2006	Sudano
7,143,802	B2		12/2006	Strand et al.
7,159,634	B1		1/2007	Judkins
7,191,816	B2		3/2007	Colson et al.
7,273,529	B2		9/2007	Judkins et al.
7,275,580	B2		10/2007	Yu et al.
7,290,582	B2		11/2007	Lin
7,353,856	B2		4/2008	Pon et al.
7,360,573	B2		4/2008	Yu et al.
D568,082	S		5/2008	Bohlen
7,415,845	B1		8/2008	Graichen
7,513,292	B2		4/2009	Auger et al.
7,523,777	B2		4/2009	Kim
7,541,082	B2		6/2009	Yu
D605,885	S		12/2009	Judkins
7,637,301	B2		12/2009	Forst Randle
7,748,430	B1		7/2010	Hung
D622,993	S		9/2010	Park et al.
7,811,651	B2		10/2010	Yu
7,832,450	B2		11/2010	Brace et al.
7,833,368	B2		11/2010	Judkins et al.
D636,204	S		4/2011	Elinson et al.
D640,472	S		6/2011	Colson et al.
7,984,743	B2		7/2011	Rossato
D646,516	S		10/2011	Ehrsam
D663,147	S		7/2012	Cheng
D668,090	S		10/2012	Colson et al.
8,393,080	B2		3/2013	Ballard, Jr. et al.
D685,210	S		7/2013	Josephson et al.
D686,022	S		7/2013	Sevcik
8,568,859	B2		10/2013	Yu et al.
D693,600	S		11/2013	Jelic et al.
8,642,156	B2		2/2014	Jessee, III
8,763,673	B2		7/2014	Jelic et al.
D711,156	S		8/2014	Judkins

(56) **References Cited**

U.S. PATENT DOCUMENTS

D734,060	S	7/2015	Colson et al.	
D734,061	S	7/2015	Colson et al.	
D764,836	S	8/2016	Rupel	
9,482,048	B2 *	11/2016	Anderson	E06B 9/262
9,650,829	B2 *	5/2017	Anderson	E06B 9/262
9,663,986	B2 *	5/2017	Mullet	E06B 9/322
9,677,329	B2 *	6/2017	Knowles	E06B 9/262
9,677,330	B2 *	6/2017	Anderson	E06B 9/322
9,702,185	B2 *	7/2017	Jelic	E06B 9/34
2002/0043346	A1	4/2002	Zorbas	
2002/0043347	A1	4/2002	Rupel	
2003/0226645	A1	12/2003	Toti	
2004/0065417	A1	4/2004	Vanpoelvoorde	
2004/0079492	A1	4/2004	Lin	
2005/0155721	A1	7/2005	Pon	
2006/0048901	A1	3/2006	Nien	
2006/0048904	A1	3/2006	Gruner	
2006/0185787	A1 *	8/2006	Yu	B31D 3/023 156/227
2006/0237146	A1 *	10/2006	Liang	E06B 9/262 160/84.05
2006/0260272	A1	11/2006	Swiszcz et al.	
2007/0029052	A1	2/2007	Nien et al.	
2007/0039697	A1	2/2007	Sun et al.	
2007/0074826	A1	4/2007	Jelic et al.	
2007/0183053	A1	8/2007	Ellemor	
2008/0083508	A1	4/2008	Rossato	
2008/0251216	A1	10/2008	Hsu	
2008/0286569	A1	11/2008	Husemann et al.	
2009/0025888	A1	1/2009	Brace et al.	
2009/0283222	A1	11/2009	Wang	
2010/0095535	A1	4/2010	Akins et al.	
2010/0126675	A1	5/2010	Jelic et al.	
2010/0139873	A1	6/2010	Gardner	
2010/0186903	A1	7/2010	Liang et al.	
2010/0276089	A1	11/2010	Jelic et al.	
2010/0288446	A1	11/2010	Foley et al.	
2010/0294439	A1	11/2010	Su	
2010/0300630	A1 *	12/2010	Su	E06B 9/262 160/84.05
2011/0088852	A1	4/2011	Hu et al.	
2011/0100562	A1	5/2011	Robertson	
2011/0114269	A1	5/2011	Cheng	
2012/0048479	A1	3/2012	Robertson	
2012/0067527	A1	3/2012	Cheng	
2012/0103537	A1	5/2012	Dogger	
2012/0175068	A1	7/2012	Cleaver	
2012/0175069	A1	7/2012	Rupel	
2012/0175070	A1	7/2012	Rupel	
2013/0133840	A1	5/2013	Malkan	
2013/0228290	A1 *	9/2013	Rupel	E06B 9/262 160/84.05
2013/0299100	A1	11/2013	Rupel et al.	
2013/0340949	A1	12/2013	Anderson et al.	
2014/0060755	A1	3/2014	Rupel	
2014/0166216	A1	6/2014	Hsu et al.	
2014/0168779	A1	6/2014	Malkan	
2014/0216663	A1	8/2014	Lin	
2014/0224432	A1	8/2014	Josephson et al.	
2014/0262079	A1 *	9/2014	Filko	E06B 9/322 160/311
2014/0284004	A1	9/2014	Sevcik et al.	
2015/0184450	A1 *	7/2015	Rupel	E06B 9/262 160/84.05
2015/0322714	A1	11/2015	Rupel	
2016/0053535	A1 *	2/2016	Birkestrand	E06B 9/262 160/218
2016/0163239	A1 *	6/2016	Church	G09F 5/04 434/75
2017/0079480	A1 *	3/2017	Tsibulevskiy	A47K 3/281

FOREIGN PATENT DOCUMENTS

BR	302013004989-2		7/2016
CA	2344617	A1	10/2001
CN	2545343	Y	4/2003
CN	2862889	Y	1/2007
CN	1965194	A	5/2007
CN	101193995	A	6/2008
DE	2843405	A1	4/1980
DE	29910899	U1	10/1999
EP	0427477	A2	5/1991
EP	0451912	A1	10/1991
EP	0779407	A1	6/1997
EP	1431506	A2	6/2004
EP	1479867	A2	11/2004
EP	1561896	A2	8/2005
EP	1561986	A1	8/2005
EP	1619348	A1	1/2006
ID	D0000042584		10/2013
JP	3726369		9/1937
JP	D1245032		7/2005
JP	2007/092245	A	4/2007
KR	300537297		8/2009
KR	3005372970001		8/2009
TW	D178984		10/2016
TW	D180589		1/2017
WO	8706187	A1	10/1987
WO	8807345	A1	10/1988
WO	9307353	A1	4/1993

OTHER PUBLICATIONS

Roman Shades, seamstobe.com/Romanshades.htm, 2 pages.
Understanding Roman Shades, terrelldesigns.com, 4 pages.
Exxonmobil Chemical, Oppalyte 36MO747 Oriented Polypropylene Film, Multi-Plastics, Inc., Oct. 26, 2009, 3 pages.
Innovia Films, Propafilm™ RD, www.innoviafilms.com, 2 pages.
Plastics Technology, No. 47—Biaxial Film Orientation: Plastics Technology, http://www.ptonline.com/articles/no-47---biaxial-film-orientation, Oct. 2005, 2 pages.

* cited by examiner

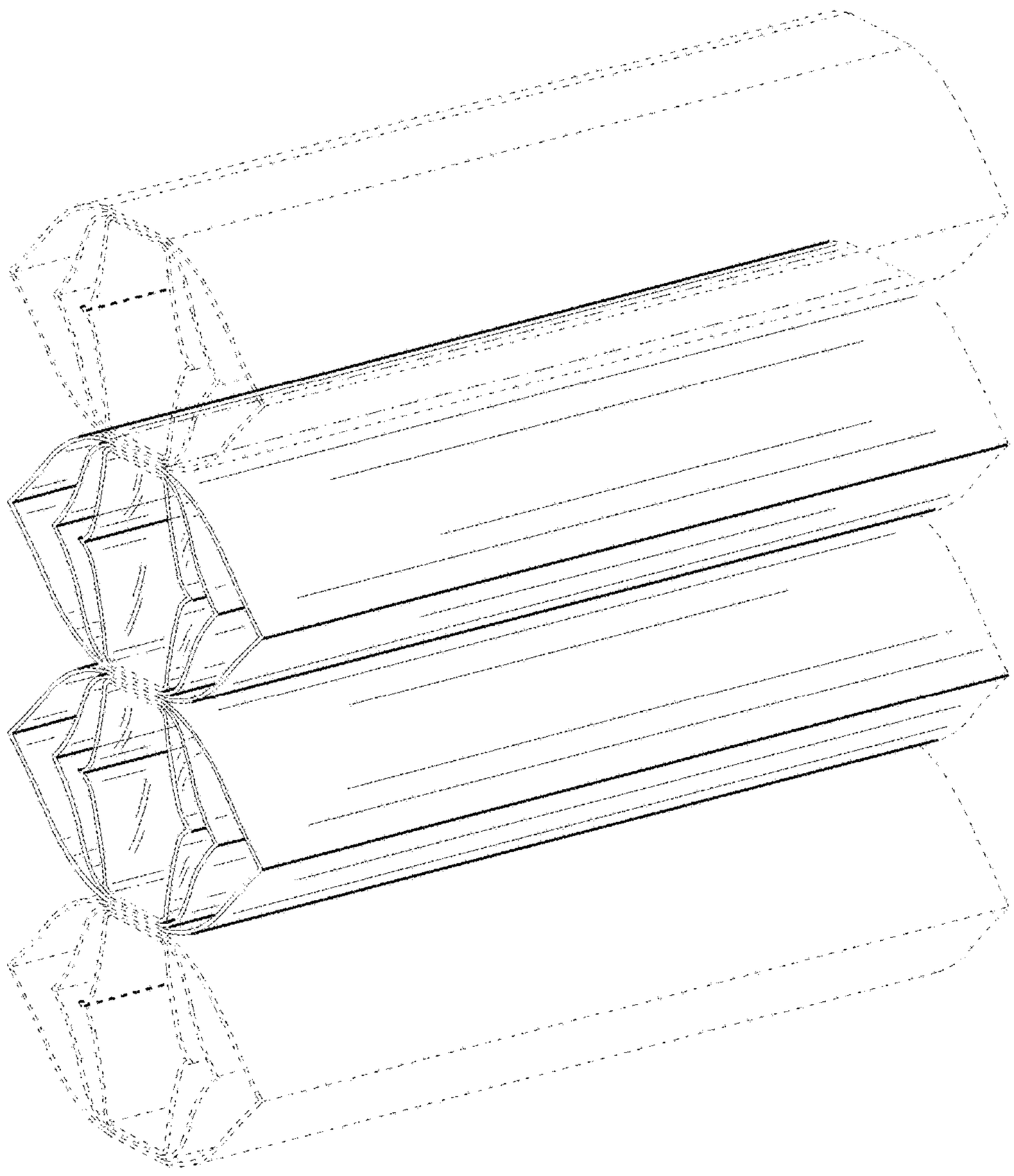


FIG. 1

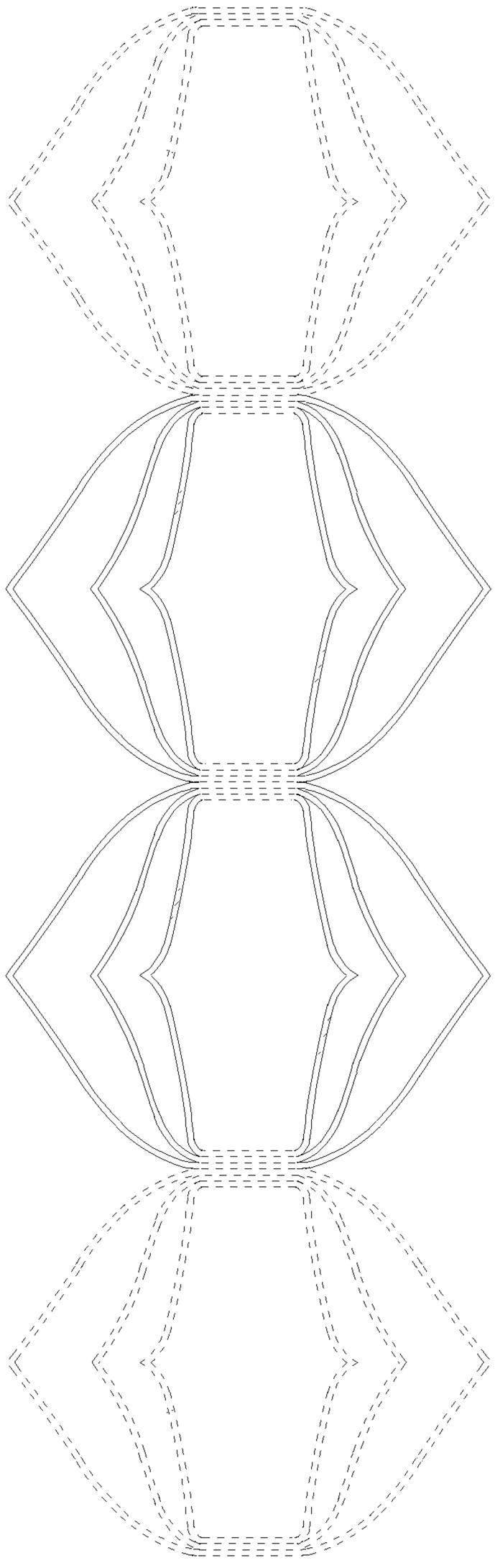


FIG. 2

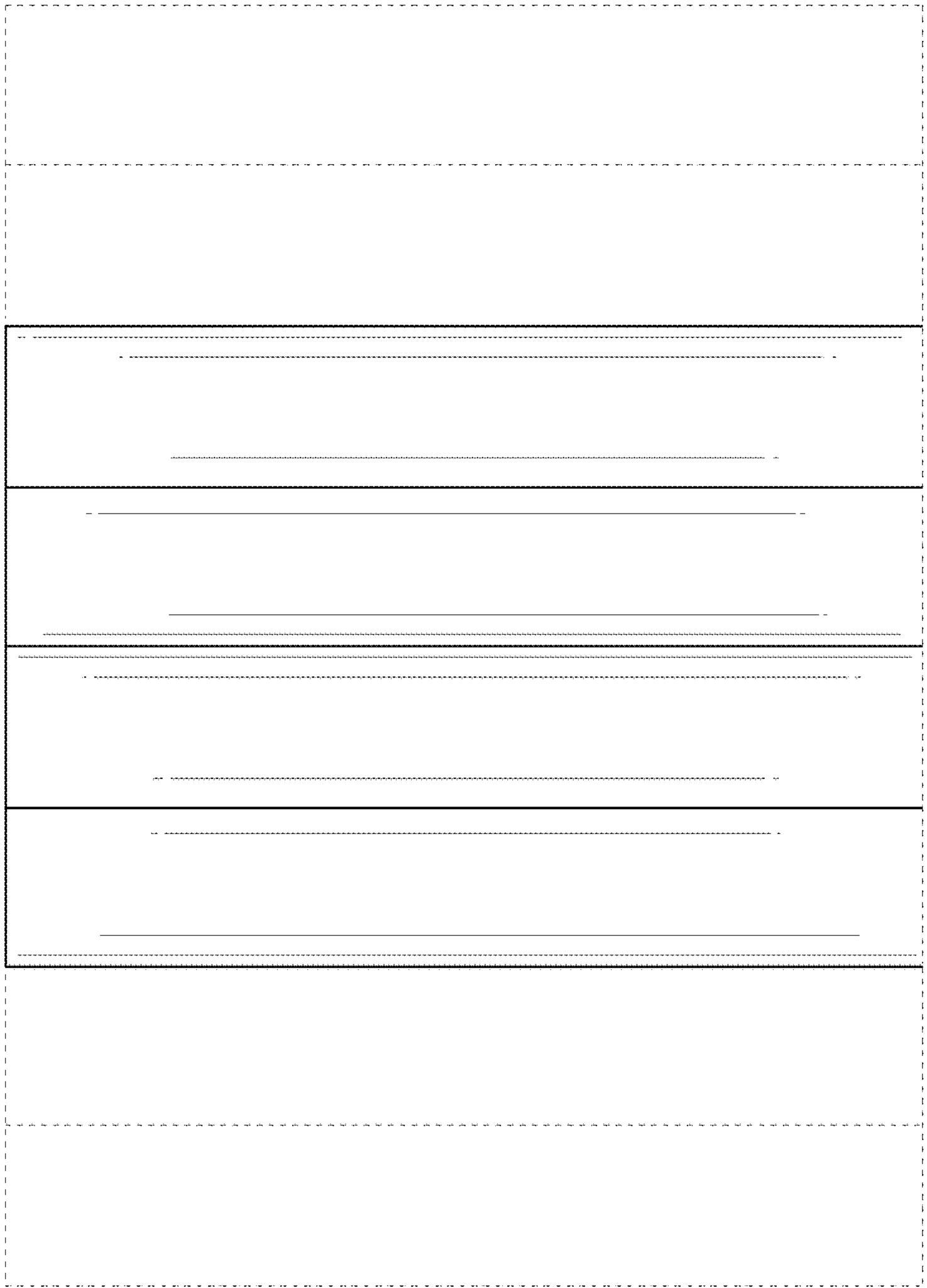


FIG. 3

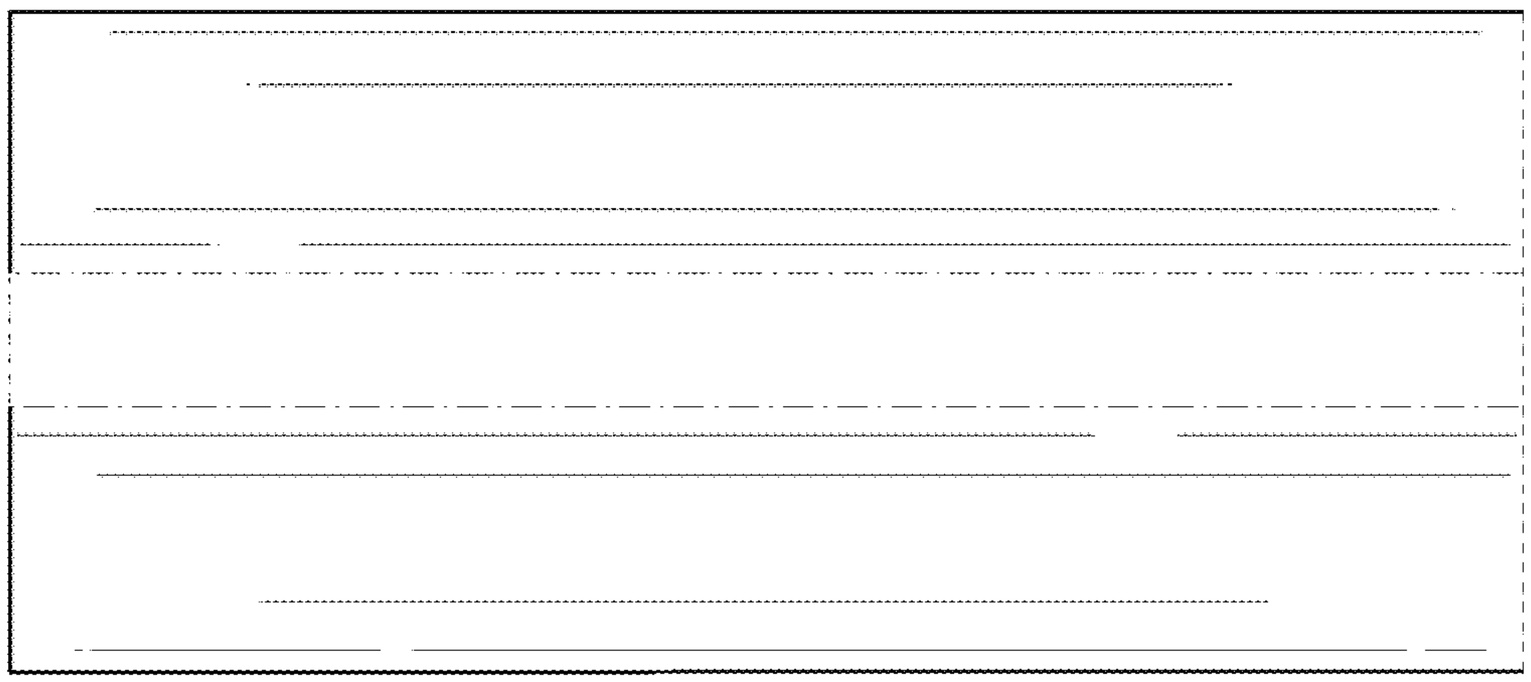


FIG. 4