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(54) **DISPLAY SYSTEM OR PORTION THEREOF WITH A VIRTUAL THREE-DIMENSIONAL ANIMATED GRAPHICAL USER INTERFACE**

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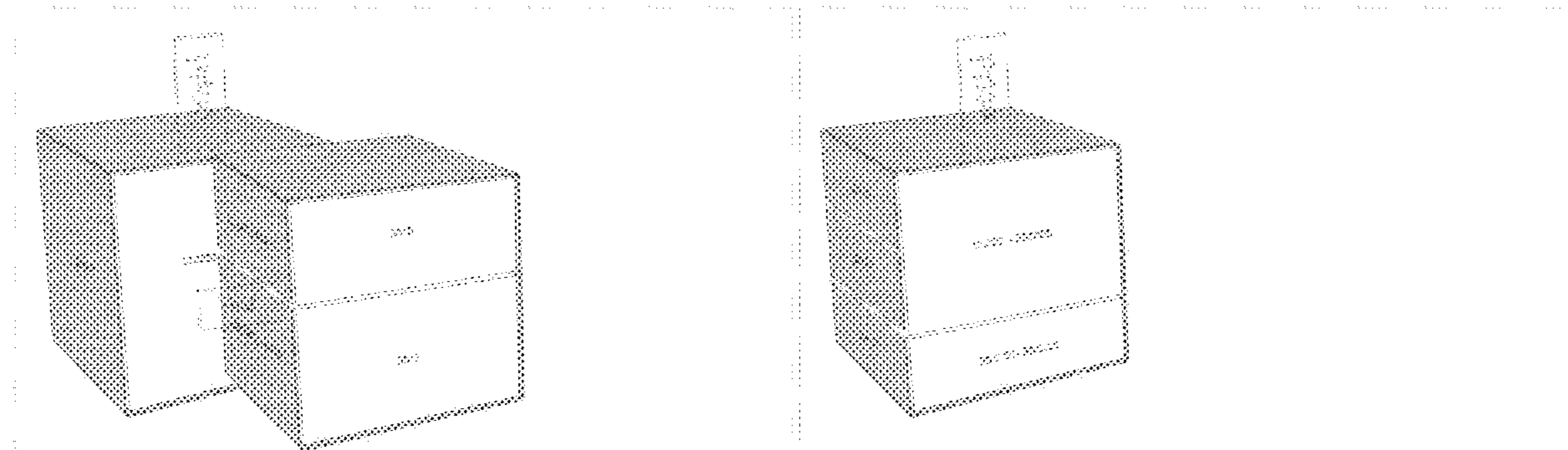
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See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,499,306	A	3/1996	Sasaki et al.	
5,504,821	A	4/1996	Kanamori et al.	
5,588,098	A	12/1996	Chen et al.	
5,926,820	A	7/1999	Agrawal et al.	
6,326,988	B1	12/2001	Gould et al.	
6,424,344	B1	7/2002	Lee	
6,434,544	B1	8/2002	Bakalash et al.	
6,466,237	B1	10/2002	Miyao et al.	
6,542,895	B1	4/2003	DeKimpe et al.	
6,546,395	B1	4/2003	DeKimpe et al.	
6,597,358	B2	7/2003	Miller	
6,629,065	B1	9/2003	Gadh et al.	
6,661,426	B1	12/2003	Jetha et al.	
6,693,652	B1 *	2/2004	Barrus	G06F 3/0481 715/838
6,798,843	B1	9/2004	Wright et al.	
6,801,908	B1	10/2004	Fuloria et al.	
7,194,465	B1	3/2007	MacGregor	
7,284,011	B1	10/2007	Narayanaswamy et al.	
7,360,164	B2 *	4/2008	Bjoernsen	G06Q 10/10 715/752
7,383,279	B2	6/2008	Tare et al.	
7,412,667	B2 *	8/2008	Chrysanthakopoulos	G06F 11/328 709/224
7,417,762	B2	8/2008	Arai	
D576,635	S *	9/2008	Nathan	D14/488
D578,544	S	10/2008	Nathan et al.	
D588,606	S *	3/2009	Nathan	D14/487
D598,028	S *	8/2009	Motouji	D14/489
D602,028	S	10/2009	Queric	
7,639,256	B1	12/2009	Yablonski et al.	
7,692,648	B2	4/2010	Engel	
7,756,907	B2	7/2010	Stolte et al.	
7,761,813	B2 *	7/2010	Kim	G06F 3/04815 715/839
D623,657	S *	9/2010	Fitzmaurice	D14/488
7,917,868	B2	3/2011	Ok et al.	
7,979,672	B2	7/2011	El-Mahdy et al.	
D642,586	S *	8/2011	Jones	D14/485
8,111,255	B2	2/2012	Park	
8,117,563	B2	2/2012	Ok et al.	
D656,504	S *	3/2012	Jones	D14/485
D656,505	S	3/2012	Jones et al.	
D656,506	S *	3/2012	Jones	D14/485
D656,941	S *	4/2012	Jones	D14/485
8,234,298	B2	7/2012	Winter et al.	
8,237,736	B2	8/2012	Flick	



# US D985,595 S

8,302,027	B2 *	10/2012	Chiu .....	G06F 3/0481 715/848	2005/0012745 A1	1/2005	Kondo et al.
8,510,680	B2	8/2013	Kang et al.		2005/0013507 A1	1/2005	Lee et al.
D689,873	S *	9/2013	Brinda .....	D14/485	2005/0047670 A1	3/2005	Qian et al.
D690,310	S *	9/2013	Brinda .....	D14/485	2005/0057579 A1	3/2005	Young
D695,783	S *	12/2013	Edwards .....	D14/488	2005/0060300 A1	3/2005	Stolte et al.
8,606,827	B2	12/2013	Williamson		2005/0151732 A1	7/2005	Yamaguchi et al.
D699,751	S *	2/2014	Pearson .....	D14/488	2005/0172007 A1	8/2005	Avrahami et al.
8,766,997	B1	7/2014	Hickman et al.		2005/0174361 A1	8/2005	Kobayashi et al.
8,799,207	B1	8/2014	Stolte et al.		2005/0231532 A1	10/2005	Suzuki et al.
8,868,544	B2	10/2014	Witkowski et al.		2006/0028543 A1	2/2006	Sohn et al.
8,965,836	B1	2/2015	Stolte et al.		2006/0069698 A1	3/2006	Hintikka
8,965,866	B2	2/2015	Varghese et al.		2006/0156228 A1	7/2006	Gallo et al.
9,025,891	B2	5/2015	Terada		2006/0206512 A1	9/2006	Hanrahan et al.
9,069,455	B2	6/2015	Sripada		2006/0258449 A1	11/2006	Yasui et al.
9,137,666	B1	9/2015	Bonn et al.		2006/0274060 A1	12/2006	Ni et al.
9,171,055	B1	10/2015	Stolte et al.		2007/0008621 A1	1/2007	Satoh et al.
9,176,985	B2	11/2015	Baba et al.		2007/0018975 A1	1/2007	Chuanggui et al.
9,183,269	B1	11/2015	Stolte et al.		2007/0027904 A1	2/2007	Chow et al.
D745,036	S *	12/2015	Joynes .....	D14/487	2007/0028187 A1	2/2007	Katsuyama
9,330,091	B1	5/2016	Stolte et al.		2007/0033279 A1	2/2007	Battat et al.
9,332,257	B2	5/2016	Joshi et al.		2007/0236514 A1	10/2007	Agusanto et al.
D761,802	S *	7/2016	Moon .....	D14/485	2007/0238981 A1	10/2007	Zhu et al.
9,423,929	B2	8/2016	Mattos et al.		2007/0248259 A1	10/2007	Liu
9,529,892	B2	12/2016	Tibrewal et al.		2008/0243778 A1	10/2008	Behnen et al.
9,737,811	B1	8/2017	Penmatsa et al.		2008/0273082 A1	11/2008	Miyake
9,753,132	B1	9/2017	Bordes et al.		2009/0006455 A1	1/2009	Carroll
9,836,263	B2	12/2017	Kasahara		2009/0009515 A1	1/2009	Tanaka
9,922,437	B1	3/2018	Baron et al.		2009/0019393 A1	1/2009	Fukushima et al.
9,934,222	B2 *	4/2018	Leong .....	G06F 16/40	2009/0027380 A1	1/2009	Rajan et al.
9,959,795	B2	5/2018	Kim et al.		2009/0136096 A1	5/2009	Sirohey et al.
10,089,147	B2	10/2018	Jamjoom et al.		2009/0198663 A1	8/2009	Yang et al.
10,289,972	B1	5/2019	Goyal et al.		2010/0156893 A1	6/2010	Mihara et al.
10,318,545	B1	6/2019	Klippsten et al.		2010/0306281 A1	12/2010	Williamson
10,325,405	B1	6/2019	Falstrup et al.		2011/0205341 A1	8/2011	Wilson et al.
10,346,950	B2	7/2019	Edwards et al.		2011/0310100 A1	12/2011	Adimatyam et al.
10,366,464	B2	7/2019	Williamson		2012/0038754 A1	2/2012	Na
D857,036	S	8/2019	Cummings		2012/0174038 A1	7/2012	Tamayo et al.
10,429,941	B2	10/2019	Kamada et al.		2012/0197950 A1	8/2012	Dayal et al.
10,573,057	B1	2/2020	Dixit et al.		2012/0212490 A1	8/2012	Salemann
10,621,203	B2	4/2020	Hunt et al.		2012/0290976 A1	11/2012	Lahm et al.
D883,308	S *	5/2020	Nesladek .....	D14/486	2012/0310874 A1	12/2012	Dantressangle et al.
D884,018	S *	5/2020	Agarawala .....	D14/488	2012/0311474 A1	12/2012	McPherson et al.
10,671,241	B1	6/2020	Jia et al.		2012/0324401 A1	12/2012	Morris
10,699,070	B2	6/2020	Walia		2013/0031142 A1	1/2013	Wester
10,712,898	B2	7/2020	Christmas et al.		2013/0054137 A1	2/2013	Arai
10,768,421	B1	9/2020	Rosenberg et al.		2013/0054510 A1	2/2013	Beaumont
11,079,901	B2	8/2021	Natarajan et al.		2013/0054608 A1	2/2013	Gong et al.
D931,325	S	9/2021	Pazmino et al.		2013/0076731 A1	3/2013	Rolleston et al.
D931,894	S	9/2021	Pazmino et al.		2013/0093756 A1	4/2013	Davidson
D933,703	S	10/2021	Pazmino et al.		2013/0097563 A1	4/2013	Pacheco Rodrigues Velho et al.
D933,704	S	10/2021	Pazmino et al.		2013/0159307 A1	6/2013	Wolge et al.
D940,752	S	1/2022	Becker et al.		2013/0339291 A1	12/2013	Hasner
D944,837	S	3/2022	Harvey		2014/0058998 A1	2/2014	Schwerk
D944,846	S	3/2022	Becker et al.		2014/0140579 A1	5/2014	Takemoto
D956,072	S *	6/2022	Bessette .....	D14/485	2014/0152661 A1	6/2014	Nishiura
D959,447	S *	8/2022	Grail .....	D14/485	2014/0156588 A1	6/2014	Mohanty et al.
D959,476	S *	8/2022	Grail .....	D14/488	2014/0228119 A1	8/2014	Koenig
D959,477	S *	8/2022	Grail .....	D14/488	2014/0258938 A1	9/2014	Christmas et al.
2001/0003835	A1	6/2001	Watts		2014/0279824 A1	9/2014	Tamayo
2001/0054034	A1	12/2001	Arning et al.		2014/0279833 A1	9/2014	Gong et al.
2002/0008709	A1	1/2002	Suzuki		2014/0327667 A1	11/2014	Kim et al.
2002/0018066	A1	2/2002	Vizer		2015/0007115 A1	1/2015	Kleser et al.
2002/0029207	A1	3/2002	Bakalash et al.		2015/0015572 A1	1/2015	Izumo et al.
2002/0091707	A1	7/2002	Keller		2015/0073961 A1	3/2015	Cristoforo
2002/0113865	A1	8/2002	Yano et al.		2015/0186728 A1	7/2015	Kimura
2003/0004938	A1	1/2003	Lawder		2015/0205841 A1	7/2015	Thiyagarajah et al.
2003/0142136	A1	7/2003	Carter et al.		2015/0278334 A1	10/2015	Gerweck et al.
2003/0204534	A1	10/2003	Hapeman et al.		2015/0367230 A1	12/2015	Bradford et al.
2003/0208506	A1	11/2003	Greenfield et al.		2015/0381968 A1	12/2015	Arora et al.
2003/0229652	A1	12/2003	Bakalash et al.		2016/0034115 A1	2/2016	Natarajan et al.
2004/0081340	A1	4/2004	Hashimoto		2016/0086028 A1	3/2016	Francois et al.
2004/0122820	A1	6/2004	Malloy et al.		2016/0179925 A1	6/2016	Hsu et al.
2004/0122844	A1	6/2004	Malloy et al.		2016/0191891 A1	6/2016	Gilpin
2004/0126007	A1	7/2004	Ziel et al.		2016/0267705 A1	9/2016	O'Leary
2004/0139061	A1	7/2004	Colossi et al.		2016/0378843 A1	12/2016	Cherwonka et al.
2004/0164957	A1	8/2004	Yamaguchi et al.		2017/0011082 A1	1/2017	Velury
2004/0181503	A1	9/2004	Moseler et al.		2017/0034527 A1	2/2017	Lee et al.
2004/0215626	A1	10/2004	Colossi et al.		2017/0103111 A1	4/2017	Lavin et al.
					2017/0116227 A1	4/2017	Shaked

2017/0116309 A1 4/2017 Menon et al.  
 2017/0116313 A1 4/2017 Roytman  
 2017/0124770 A1 5/2017 Vats  
 2017/0132846 A1 5/2017 Iverson et al.  
 2017/0147674 A1 5/2017 Procops et al.  
 2017/0154468 A1 6/2017 Xu  
 2017/0168782 A1 6/2017 Boyd  
 2017/0169092 A1 6/2017 Baird et al.  
 2017/0177636 A1 6/2017 Nguyen et al.  
 2017/0336951 A1 11/2017 Palmaro  
 2017/0357227 A1 12/2017 Kummer  
 2018/0081921 A1 3/2018 Willcock et al.  
 2018/0089336 A1 3/2018 Ninomiya et al.  
 2018/0096512 A1 4/2018 Dahl et al.  
 2018/0107726 A1 4/2018 Dwivedi et al.  
 2018/0137675 A1 5/2018 Kwant et al.  
 2018/0184000 A1 6/2018 Lee et al.  
 2018/0189014 A1 7/2018 Patil et al.  
 2018/0192032 A1 7/2018 Freeman et al.  
 2018/0260661 A1 9/2018 Konishi  
 2018/0278918 A1 9/2018 Peri  
 2018/0284882 A1 10/2018 Shipes et al.  
 2018/0322683 A1 11/2018 Dimitrov et al.  
 2019/0073831 A1 3/2019 Kim  
 2019/0073832 A1 3/2019 Kim  
 2019/0096135 A1 3/2019 Dal Mutto et al.  
 2019/0098278 A1 3/2019 Koizumi  
 2019/0102442 A1 4/2019 Daga et al.  
 2019/0102446 A1 4/2019 Ramaiyer  
 2019/0102447 A1 4/2019 Ramaiyer  
 2019/0108396 A1 4/2019 Dal Mutto et al.  
 2019/0139296 A1 5/2019 Lakshman et al.  
 2019/0187876 A1 6/2019 Platt et al.  
 2019/0191146 A1 6/2019 Koyama et al.  
 2019/0206280 A1 7/2019 Palmer  
 2019/0236840 A1 8/2019 Zuckerman et al.  
 2019/0286086 A1 9/2019 Gardner et al.  
 2019/0332610 A1 10/2019 Krishna et al.  
 2019/0340306 A1 11/2019 Harrison et al.  
 2019/0370346 A1 12/2019 Xu et al.  
 2019/0371071 A1 12/2019 Lyons  
 2019/0378341 A1 12/2019 Xie et al.  
 2019/0392069 A1 12/2019 Lim et al.  
 2020/0007551 A1 1/2020 Valente et al.  
 2020/0012409 A1 1/2020 Sadacharam et al.  
 2020/0020024 A1 1/2020 Lyons  
 2020/0026592 A1 1/2020 Ramaiyer  
 2020/0054398 A1 2/2020 Kovtun et al.  
 2020/0090030 A1 3/2020 Huang et al.  
 2020/0125550 A1 4/2020 Katkade et al.  
 2020/0156363 A1 5/2020 Touma et al.  
 2020/0192906 A1 6/2020 Visscher  
 2020/0230337 A1 7/2020 Rees et al.  
 2020/0242837 A1 7/2020 Sato  
 2020/0257680 A1 8/2020 Danyi et al.  
 2020/0267194 A1 8/2020 Pilnock et al.  
 2020/0286291 A1 9/2020 Ebert  
 2020/0288111 A1 9/2020 Sheng  
 2020/0357189 A1 11/2020 Godzaridis  
 2020/0372697 A1 11/2020 Mange  
 2020/0400954 A1 12/2020 Tanaka et al.  
 2020/0409531 A1 12/2020 Nankani

2020/0410745 A1 12/2020 Matsunobu et al.  
 2021/0049190 A1 2/2021 Alberg et al.  
 2021/0081386 A1 3/2021 Daga et al.  
 2021/0104066 A1 4/2021 Haeusler  
 2021/0165552 A1 6/2021 Revelsby et al.  
 2021/0191912 A1 6/2021 Lakshminarayan et al.  
 2021/0240735 A1 8/2021 Roytman

OTHER PUBLICATIONS

“Jeeesus WEPT!” Jun. 7, 2015, YouTube, site visited Dec. 28, 2022: <https://www.youtube.com/watch?v=z4FGzE4endQ> (Year: 2015).\*  
 “Jerome’s Furniture Launches 3D Augmented Reality App” May 14, 2019, businesswire, site visited Dec. 28, 2022: <https://www.businesswire.com/news/home/20190514005559/en/Jerome%E2%80%99s-Furniture-Launches-3D-Augmented-Reality-App> (Year: 2019).\*  
 “SAP IoT Experience In Virtual Reality (VR)” May 4, 2017, YouTube, site visited Dec. 16, 2021: <https://www.youtube.com/watch?v=thw4s4hUAmE> (Year: 2017).

\* cited by examiner

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(57) CLAIM

The ornamental design for a display system or portion thereof with a virtual three-dimensional animated graphical user interface, as shown and described.

DESCRIPTION

FIG. 1 shows a display system or portion thereof with a virtual three-dimensional animated graphical user interface showing a first image of the claimed design; FIG. 2 shows a second image thereof; and, FIG. 3 shows a third image thereof. The outermost broken lines in the figures show a display system or portion thereof, and form no part of the claimed design. The other broken lines in the figures show portions of the virtual three-dimensional animated graphical user interface that form no part of the claimed design. The shaded claimed portions in the figures show a contrast in appearance with the non-shaded claimed portions. The appearance of the animated image sequentially transitions between the images shown in FIGS. 1-3. The process or period in which one image transitions to another forms no part of the claimed design.

1 Claim, 3 Drawing Sheets

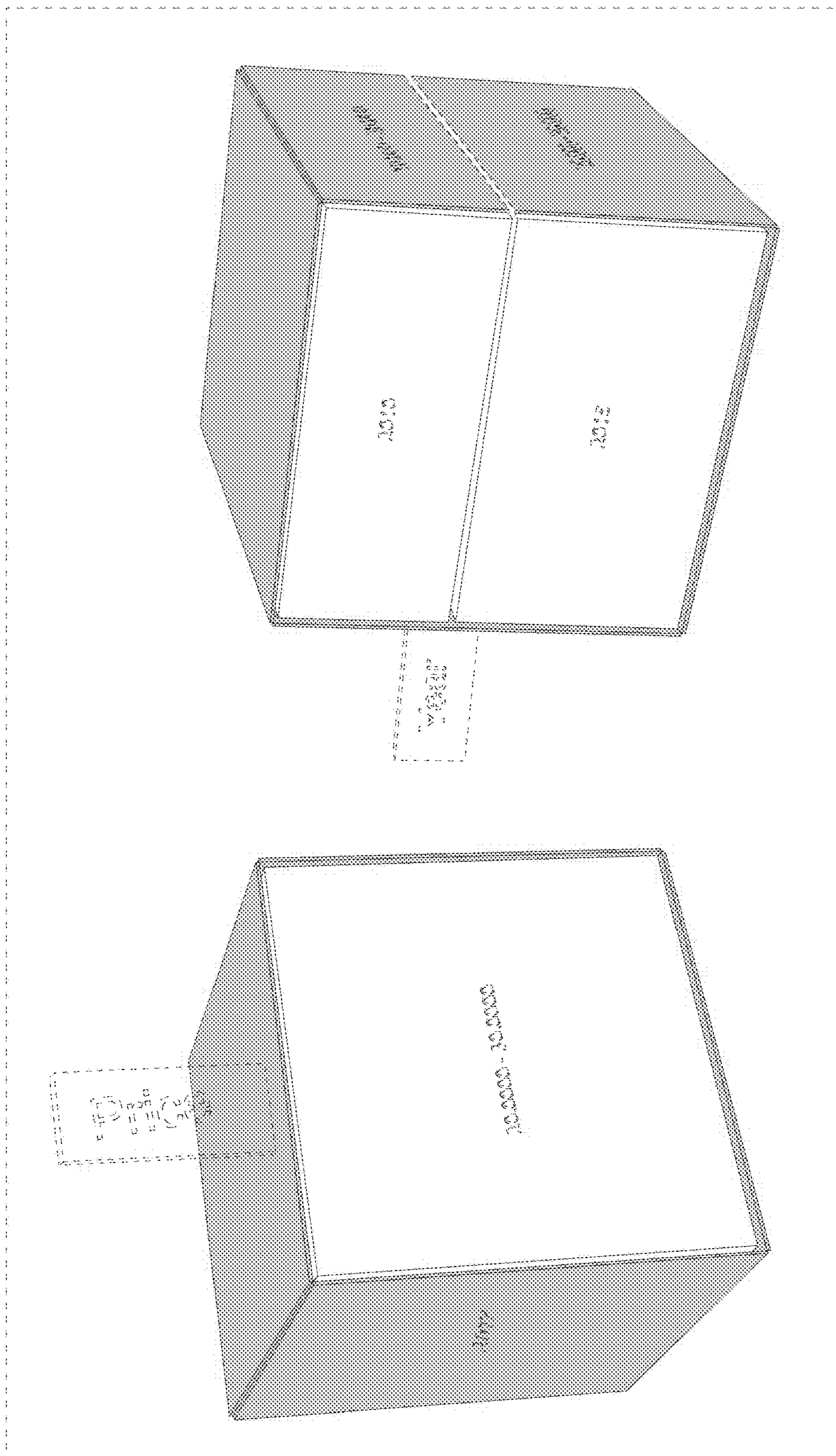


FIG. 1

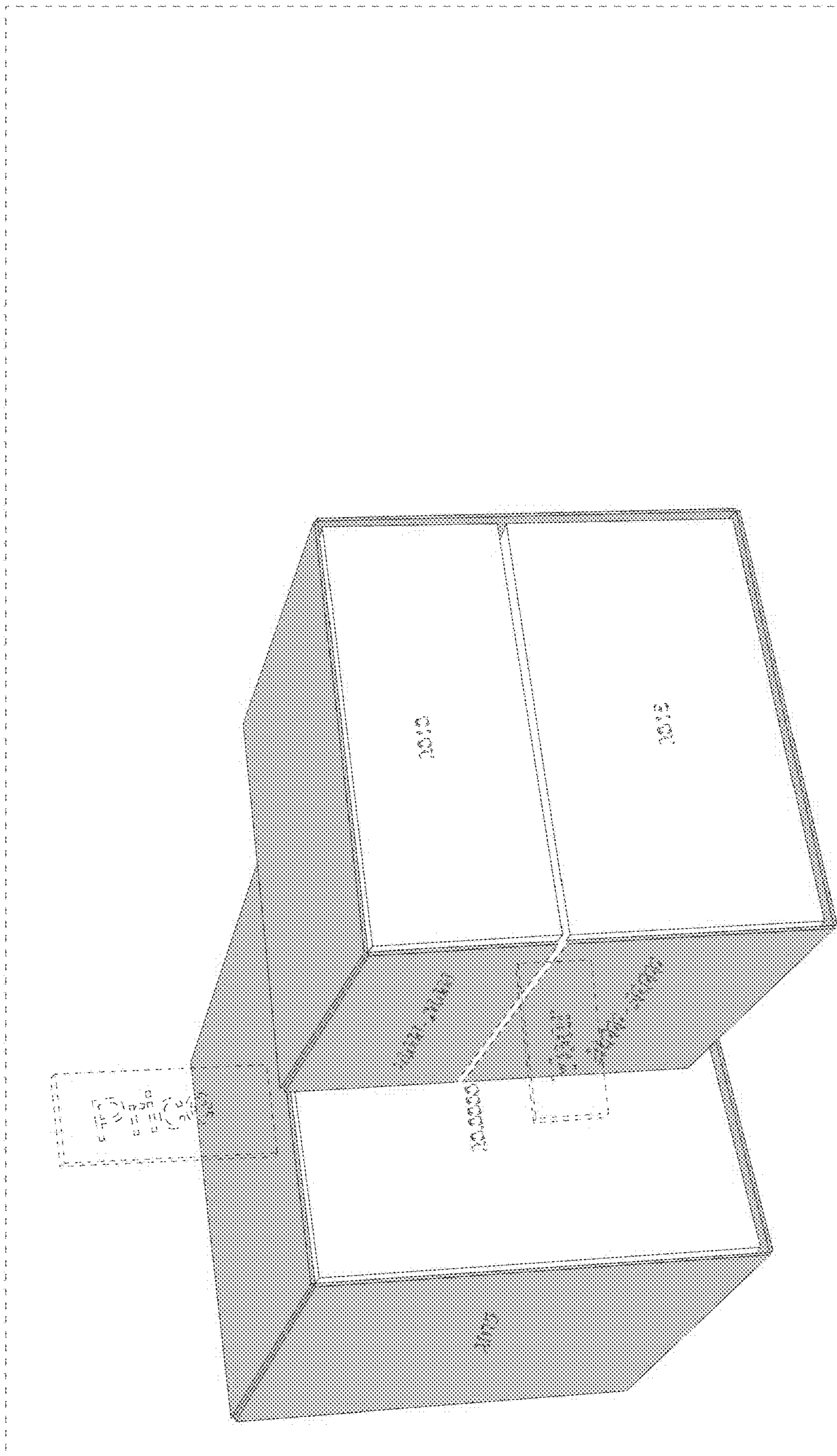


FIG. 2

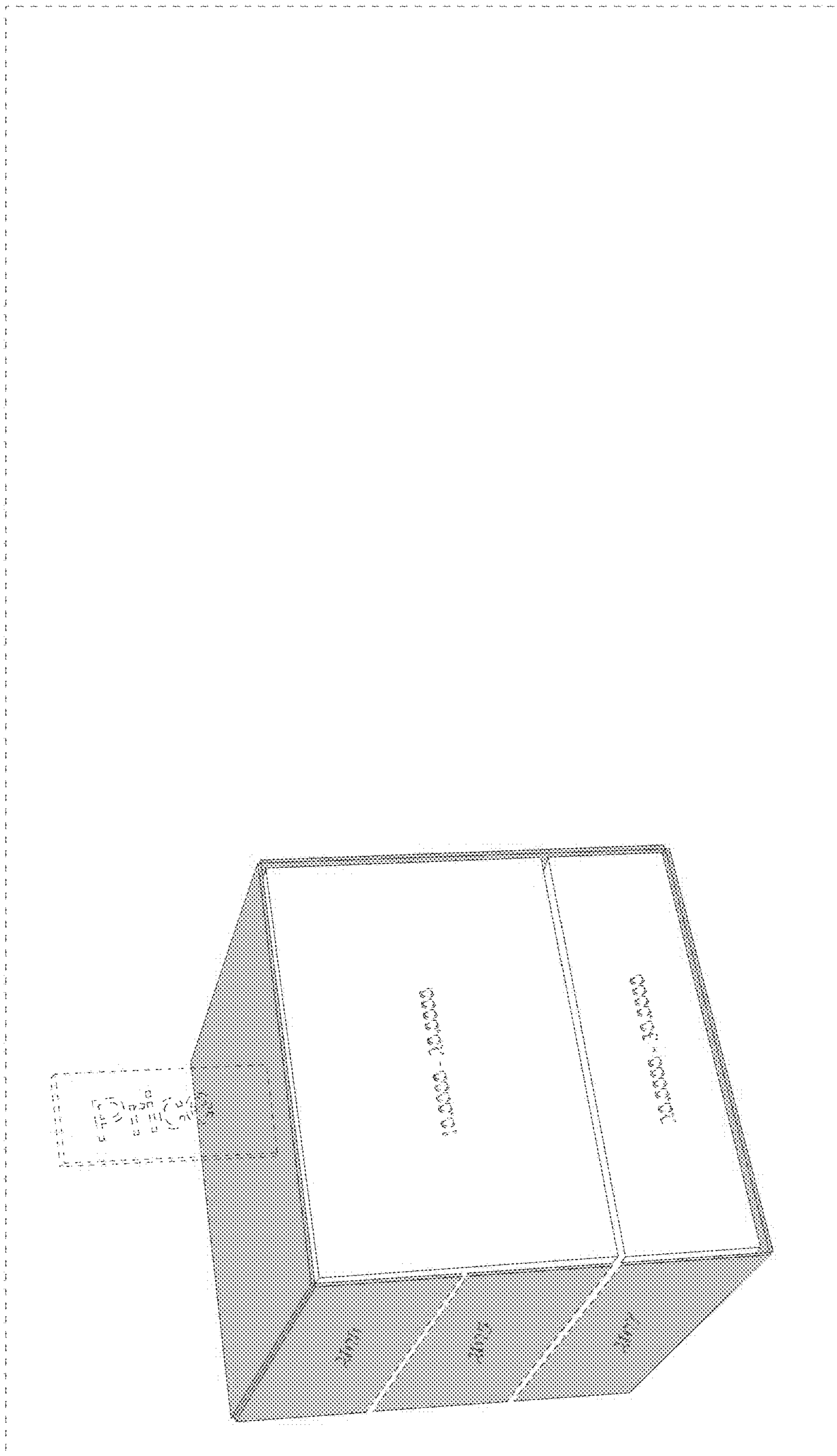


FIG. 3