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

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(45) **Date of Patent:** **** May 25, 2010**

(54) **3D GLASSES**

4,131,342 A 12/1978 Dudley
4,214,267 A 7/1980 Roese et al.
4,286,286 A 8/1981 Jurisson et al.

(75) Inventors: **Richard A. Carlow**, South Pasadena, CA (US); **Eugenia J. Chen**, Arcadia, CA (US); **Michael J. Chen**, Tustin, CA (US); **Craig Steel**, Hollyglen, CA (US); **Ashley Tilling**, San Juan Capistrano, CA (US); **Roozbeh Mousavi**, Chatsworth, CA (US); **David T. Hamm**, Glendale, CA (US)

(Continued)

FOREIGN PATENT DOCUMENTS

EM 001123913 7/2009

(Continued)

OTHER PUBLICATIONS

Bos, Philip et al., Field-Sequential Stereoscopic Viewing Systems Using Passive Glasses, Tektronix, Inc., Beaverton, OR, 5 pages.

Primary Examiner—Raphael Barkai

(74) *Attorney, Agent, or Firm*—Bracewell & Giuliani LLP

(73) Assignee: **X6D Ltd.**, Limassol (CY)

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

(21) Appl. No.: **29/346,090**

(22) Filed: **Oct. 27, 2009**

Related U.S. Application Data

(63) Continuation of application No. 29/326,498, filed on Oct. 20, 2008, now abandoned.

(51) **LOC (9) Cl.** **16-06**

(52) **U.S. Cl.** **D16/325; D16/326; D16/327; D16/306**

(58) **Field of Classification Search** D16/101, D16/300–342; D29/109–110; D24/110.2; 351/41, 44, 51–52, 62, 158, 92, 103–123, 351/140, 153, 45–46; 2/426–432, 447–449, 2/441, 434–437, 13, 15; D21/483, 659–661
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,646,439 A 7/1953 Gloyer
3,621,127 A 11/1971 Hope
3,903,358 A 9/1975 Roese
3,992,573 A 11/1976 White
4,021,846 A 5/1977 Roese

(57) **CLAIM**

The ornamental design for 3D glasses, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the front and top of the 3D glasses showing design of our invention;

FIG. 2 is a top plan elevation view of the 3D glasses of FIG. 1;

FIG. 3 is a bottom plan elevation view of the 3D glasses of FIG. 1;

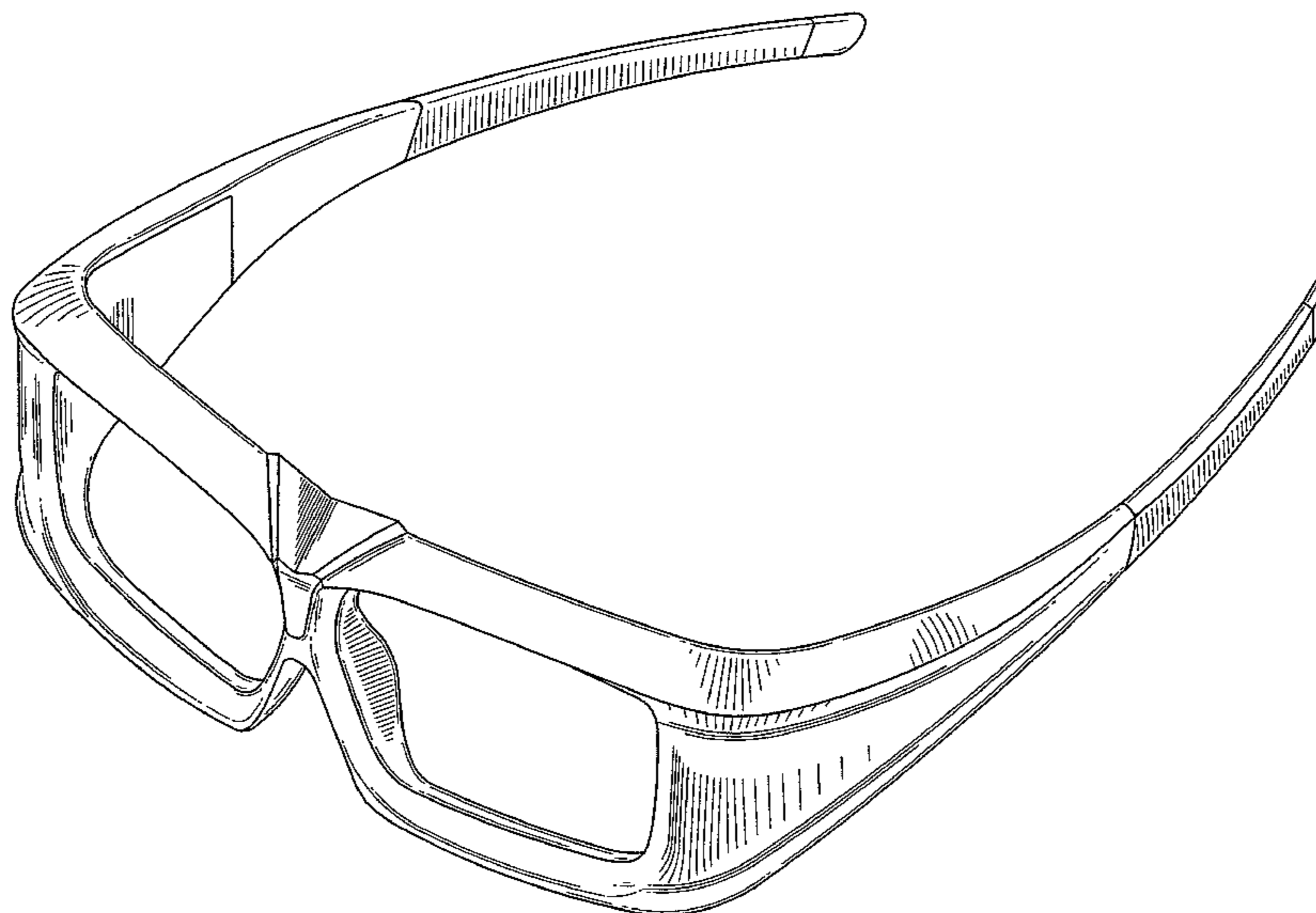
FIG. 4 is a front elevation view of the 3D glasses;

FIG. 5 is a rear elevation view of the 3D glasses;

FIG. 6 is a right side elevation showing exterior of the left temple view of FIG. 1; and,

FIG. 7 is a left side elevation showing exterior of the left temple view of FIG. 1.

1 Claim, 4 Drawing Sheets



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U.S. PATENT DOCUMENTS						
			5,796,373	A	8/1998	Ming-Lyn
			5,805,205	A	9/1998	Songer
			5,806,953	A	9/1998	Kucera et al.
			5,808,588	A	9/1998	Lin
			5,821,989	A	10/1998	Lazzaro et al.
			5,822,928	A	10/1998	Maxwell et al.
			5,828,427	A	10/1998	Faris
			5,838,389	A	11/1998	Mical et al.
			5,841,879	A	11/1998	Scofield et al.
			5,844,717	A	12/1998	Faris
			5,847,710	A	12/1998	Kroitor
			5,854,634	A	12/1998	Kroiter
			5,867,210	A	2/1999	Rod
			5,879,065	A	3/1999	Shirochi et al.
			5,886,771	A	3/1999	Osgood
			5,886,816	A	3/1999	Faris
			5,917,539	A	6/1999	Sorensen et al.
			5,929,859	A	7/1999	Meijers
			5,948,328	A	9/1999	Fiedler et al.
			5,959,663	A	9/1999	Oba et al.
			5,963,371	A	10/1999	Needham et al.
			5,990,936	A	11/1999	Nakayoshi et al.
			6,002,518	A	12/1999	Faris
			6,011,581	A	1/2000	Swift et al.
			6,046,786	A	4/2000	Sharp et al.
			6,057,811	A	5/2000	Edwards
			6,078,352	A	6/2000	Nakaya et al.
			6,078,374	A	6/2000	Sharp et al.
			6,084,654	A	7/2000	Toporkiewicz et al.
			6,088,052	A	7/2000	Guralnick
			6,094,182	A	7/2000	Maguire, Jr.
			6,108,058	A	8/2000	Uchida
			6,144,747	A	11/2000	Scofield et al.
			6,157,337	A	12/2000	Sato
			6,160,574	A	12/2000	Oba et al.
			6,181,371	B1	1/2001	Maguire, Jr.
			6,191,772	B1	2/2001	Mical et al.
			6,195,205	B1	2/2001	Faris
			6,198,485	B1	3/2001	Mack et al.
			6,201,566	B1	3/2001	Harada et al.
			6,243,207	B1	6/2001	Kawamura et al.
			6,252,707	B1	6/2001	Kleinberger et al.
			6,259,426	B1	7/2001	Harada et al.
			6,259,565	B1	7/2001	Kawamura et al.
			6,278,501	B1	8/2001	Lin
			6,307,589	B1	10/2001	Maquire, Jr.
			6,312,122	B1	11/2001	Brown et al.
			6,333,757	B1	12/2001	Faris
			6,359,664	B1	3/2002	Faris
			6,373,492	B1	4/2002	Kroiter
			6,380,997	B1	4/2002	Sharp et al.
			6,384,971	B1	5/2002	Faris
			6,404,464	B1	6/2002	Faris et al.
			6,414,728	B1	7/2002	Faris et al.
			6,456,432	B1	9/2002	Lazzaro et al.
			6,466,255	B1	10/2002	Kigita et al.
			6,476,820	B1	11/2002	Harada et al.
			6,496,183	B1	12/2002	Bar-Nahum
			6,501,443	B1	12/2002	McMahon
			6,523,006	B1	2/2003	Ellis et al.
			6,526,161	B1	2/2003	Yan
			6,529,175	B2	3/2003	Tserkovnyuk et al.
			6,532,008	B1	3/2003	Guralnick
			6,535,008	B1	3/2003	Casale
			6,556,236	B1	4/2003	Swift et al.
			6,564,108	B1	5/2003	Makar et al.
			6,570,566	B1	5/2003	Yoshigahera
			6,577,315	B1	6/2003	Kroiter
			6,580,556	B2	6/2003	Kakizawa
			6,602,194	B2	8/2003	Roundhill et al.
			6,630,931	B1	10/2003	Trika et al.
			6,650,306	B2	11/2003	Yerazunis et al.
			6,676,259	B1	1/2004	Trifilo

US D616,486 S

6,697,197 B2	2/2004	Sedlmayr	7,463,305 B2	12/2008	Wada
D488,499 S	4/2004	Mage	7,471,352 B2	12/2008	Woodgate et al.
6,721,433 B2	4/2004	Sato	7,477,206 B2	1/2009	Cowan et al.
6,724,442 B1	4/2004	Zyskowski et al.	7,477,331 B2	1/2009	Lin et al.
6,727,867 B2	4/2004	Divelbiss et al.	7,489,311 B2	2/2009	Lee
6,738,114 B1	5/2004	Faris	7,489,445 B2	2/2009	McKee, Jr.
6,759,998 B2	7/2004	Schkolnik	7,502,003 B2	3/2009	Lipton et al.
6,765,568 B2	7/2004	Swift et al.	7,505,108 B2	3/2009	Mochizuki
6,791,570 B1	9/2004	Schwerdtner et al.	7,508,589 B2	3/2009	Robinson et al.
6,791,752 B2	9/2004	Sedlmayr	7,510,280 B2	3/2009	Sharp
6,792,144 B1	9/2004	Yan et al.	7,511,787 B2	3/2009	Sharp
6,798,443 B1	9/2004	Maguire, Jr.	7,517,081 B2	4/2009	Lipton et al.
6,801,263 B2	10/2004	Sato et al.	7,518,662 B2	4/2009	Chen et al.
6,803,928 B2	10/2004	Bimber et al.	7,524,053 B2	4/2009	Lipton
6,842,175 B1	1/2005	Schmalstieg et al.	7,525,565 B2	4/2009	Van Geest
6,882,476 B2	4/2005	Sedlmayr	7,528,830 B2	5/2009	Redert
6,888,612 B2	5/2005	Faris	7,528,906 B2	5/2009	Robinson et al.
6,927,769 B2	8/2005	Roche, Jr.	7,532,272 B2	5/2009	Woodgate et al.
6,943,852 B2	9/2005	Divelbiss et al.	7,535,607 B2	5/2009	Schwerdtner et al.
6,943,949 B2	9/2005	Sedlmayr	7,542,206 B2	6/2009	Schuck et al.
6,956,571 B2	10/2005	Sato et al.	7,545,469 B2	6/2009	Robinson et al.
6,961,177 B2	11/2005	Sato et al.	7,548,273 B2	6/2009	Wada et al.
6,963,356 B2	11/2005	Satoh	D596,659 S	7/2009	Kucera et al.
6,970,144 B1	11/2005	Swift et al.	7,570,260 B2	8/2009	Akka et al.
6,985,168 B2	1/2006	Swift et al.	7,573,457 B2	8/2009	Daly
6,987,549 B2	1/2006	Wu et al.	7,583,437 B2	9/2009	Lipton et al.
7,002,619 B1	2/2006	Dean et al.	D603,445 S	11/2009	Carlow et al.
7,019,780 B1	3/2006	Takeuchi et al.	2001/0028413 A1	10/2001	Tropper
7,030,902 B2	4/2006	Jacobs	2001/0043266 A1	11/2001	Robinson et al.
7,033,025 B2	4/2006	Winterbotham	2004/0125447 A1	7/2004	Sato et al.
7,046,272 B2	5/2006	Schwerdtner	2004/0196428 A1	10/2004	Mochizuki et al.
7,068,241 B2	6/2006	Sato et al.	2005/0046941 A1	3/2005	Satoh et al.
7,081,997 B2	7/2006	Sedlmayr	2005/0207486 A1	9/2005	Lee et al.
7,085,410 B2	8/2006	Redert	2005/0264904 A1	12/2005	Sato et al.
7,102,822 B2	9/2006	Sedlmayr	2005/0284845 A1	12/2005	Satoh et al.
7,145,616 B2	12/2006	Mochizuki	2006/0020823 A1	1/2006	Morino
7,146,095 B2	12/2006	Asami	2006/0044508 A1	3/2006	Mochizuki
7,154,671 B2	12/2006	Sedlmayr	2006/0055994 A1	3/2006	Schwerdtner
7,164,779 B2	1/2007	Yerazunis et al.	2006/0139710 A1	6/2006	Schwerdtner
7,167,188 B2	1/2007	Redert	2006/0139711 A1	6/2006	Leister et al.
7,180,554 B2	2/2007	Divelbiss et al.	2006/0203339 A1	9/2006	Kleinberger et al.
7,190,518 B1	3/2007	Kleinberger et al.	2006/0238836 A1	10/2006	Schwerdtner
D539,830 S	4/2007	Saderholm et al.	2006/0238837 A1	10/2006	Schwerdtner
7,215,356 B2	5/2007	Lin et al.	2006/0238838 A1	10/2006	Schwerdtner
7,215,357 B1	5/2007	Swift et al.	2006/0238839 A1	10/2006	Schwerdtner
7,215,809 B2	5/2007	Sato et al.	2006/0238840 A1	10/2006	Schwerdtner
7,224,411 B2	5/2007	Gibson et al.	2006/0238843 A1	10/2006	Schwerdtner
D552,154 S *	10/2007	Arnette D16/326	2006/0238844 A1	10/2006	Schwerdtner
D552,155 S	10/2007	Markovitz	2006/0250671 A1	11/2006	Schwerdtner et al.
7,280,110 B2	10/2007	Sato et al.	2006/0268104 A1	11/2006	Cowan et al.
7,289,539 B1	10/2007	Mimberg	2006/0279567 A1	12/2006	Schwerdtner et al.
7,295,371 B1	11/2007	Sedlmayr	2007/0002267 A1	1/2007	Mochizuki
D557,730 S	12/2007	Mage	2007/0003709 A1	1/2007	Mochizuki et al.
7,315,408 B2	1/2008	Schwerdtner	2007/0070476 A1	3/2007	Yamada et al.
D561,810 S	2/2008	Fox et al.	2007/0109401 A1	5/2007	Lipton et al.
D561,812 S *	2/2008	Fox et al. D16/325	2007/0133089 A1	6/2007	Lipton et al.
7,349,006 B2	3/2008	Sato et al.	2007/0268590 A1	6/2007	Schwerdtner
D567,842 S	4/2008	Miklitarian	2007/0177007 A1	8/2007	Lipton et al.
7,362,962 B2	4/2008	Urata	2007/0183033 A1	8/2007	Schwerdtner
7,375,885 B2	5/2008	Ijzerman et al.	2007/0188667 A1	8/2007	Schwerdtner
7,385,625 B2	6/2008	Ohmura et al.	2007/0206155 A1	9/2007	Lipton
7,388,583 B2	6/2008	Redert	2007/0229395 A1	10/2007	Slavenburg et al.
7,394,506 B2	7/2008	Cirkel et al.	2007/0229487 A1	10/2007	Slavenburg et al.
7,400,431 B2	7/2008	Schwerdtner et al.	2007/0236560 A1	10/2007	Lipton et al.
7,405,801 B2	7/2008	Jacobs	2007/0247590 A1	11/2007	Schwerdtner
7,414,782 B2	8/2008	Jung	2007/0257902 A1	11/2007	Satoh et al.
D576,662 S	9/2008	Lane et al.	2007/0279541 A1	12/2007	Mochizuki et al.
7,423,796 B2	9/2008	Woodgate et al.	2007/0285509 A1	12/2007	Lee
7,425,069 B2	9/2008	Schwerdtner et al.	2008/0036696 A1	2/2008	Slavenburg et al.
7,426,068 B2	9/2008	Woodgate et al.	2008/0049100 A1	2/2008	Lipton et al.
7,436,476 B2	10/2008	Sharp et al.	2008/0062259 A1	3/2008	Lipton et al.
7,439,940 B1	10/2008	Maguire, Jr.	2008/0062297 A1	3/2008	Sako et al.
7,450,188 B2	11/2008	Schwerdtner	2008/0079880 A1	4/2008	Mochizuki et al.

US D616,486 S

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2008/0094528	A1	4/2008	Robinson et al.	2008/0316375	A1	12/2008	Lipton et al.
2008/0117491	A1	5/2008	Robinson	2009/0015918	A1	1/2009	Morozumi et al.
2008/0122996	A1	5/2008	Mochizuki	2009/0027772	A1	1/2009	Robinson
2008/0129899	A1	6/2008	Sharp	2009/0040402	A1	2/2009	Tomita et al.
2008/0136901	A1	6/2008	Schwerdtner	2009/0046348	A1	2/2009	Sahm et al.
2008/0143964	A1	6/2008	Cowan et al.	2009/0051759	A1	2/2009	Adkins et al.
2008/0143965	A1	6/2008	Cowan et al.	2009/0066863	A1	3/2009	Chen
2008/0149517	A1	6/2008	Lipton et al.	2009/0079747	A1	3/2009	Johnson et al.
2008/0151370	A1	6/2008	Cook et al.	2009/0085928	A1	4/2009	Riach et al.
2008/0158345	A1	7/2008	Schklair et al.	2009/0086296	A1	4/2009	Renaud-Goud
2008/0186573	A1	8/2008	Lipton	2009/0097117	A1	4/2009	Coleman
2008/0186574	A1	8/2008	Robinson et al.	2009/0109281	A1	4/2009	Mashitani et al.
2008/0192152	A1	8/2008	Facius et al.	2009/0128780	A1	5/2009	Schuck et al.
2008/0198430	A1	8/2008	Schwerdtner et al.	2009/0158220	A1	6/2009	Zalewski et al.
2008/0198431	A1	8/2008	Schwerdtner	2009/0160757	A1	6/2009	Robinson
2008/0212153	A1	9/2008	Haussler et al.	2009/0190210	A1	7/2009	Coleman et al.
2008/0226281	A1	9/2008	Lipton	2009/0215475	A1	8/2009	Sangberg
2008/0231767	A1	9/2008	Lee	2009/0219595	A1	9/2009	Olaya et al.
2008/0231805	A1	9/2008	Schwerdtner	2009/0225380	A1	9/2009	Schwerdtner et al.
2008/0239067	A1	10/2008	Lipton	2009/0225381	A1	9/2009	Olaya et al.
2008/0239068	A1	10/2008	Lipton				
2008/0246753	A1	10/2008	Amroun et al.				
2008/0247042	A1	10/2008	Schwerdtner				
2008/0252950	A1	10/2008	Schwerdtner				
2008/0278805	A1	11/2008	Schwerdtner				
2008/0303895	A1	12/2008	Akka et al.				
2008/0303896	A1	12/2008	Lipton et al.				
2008/0315442	A1	12/2008	Schwerdtner				

FOREIGN PATENT DOCUMENTS

EM	001573312	7/2009
JP	1374986	10/2009
JP	1375009	10/2009
WO	2007126904	A2 11/2007

* cited by examiner

Fig. 1

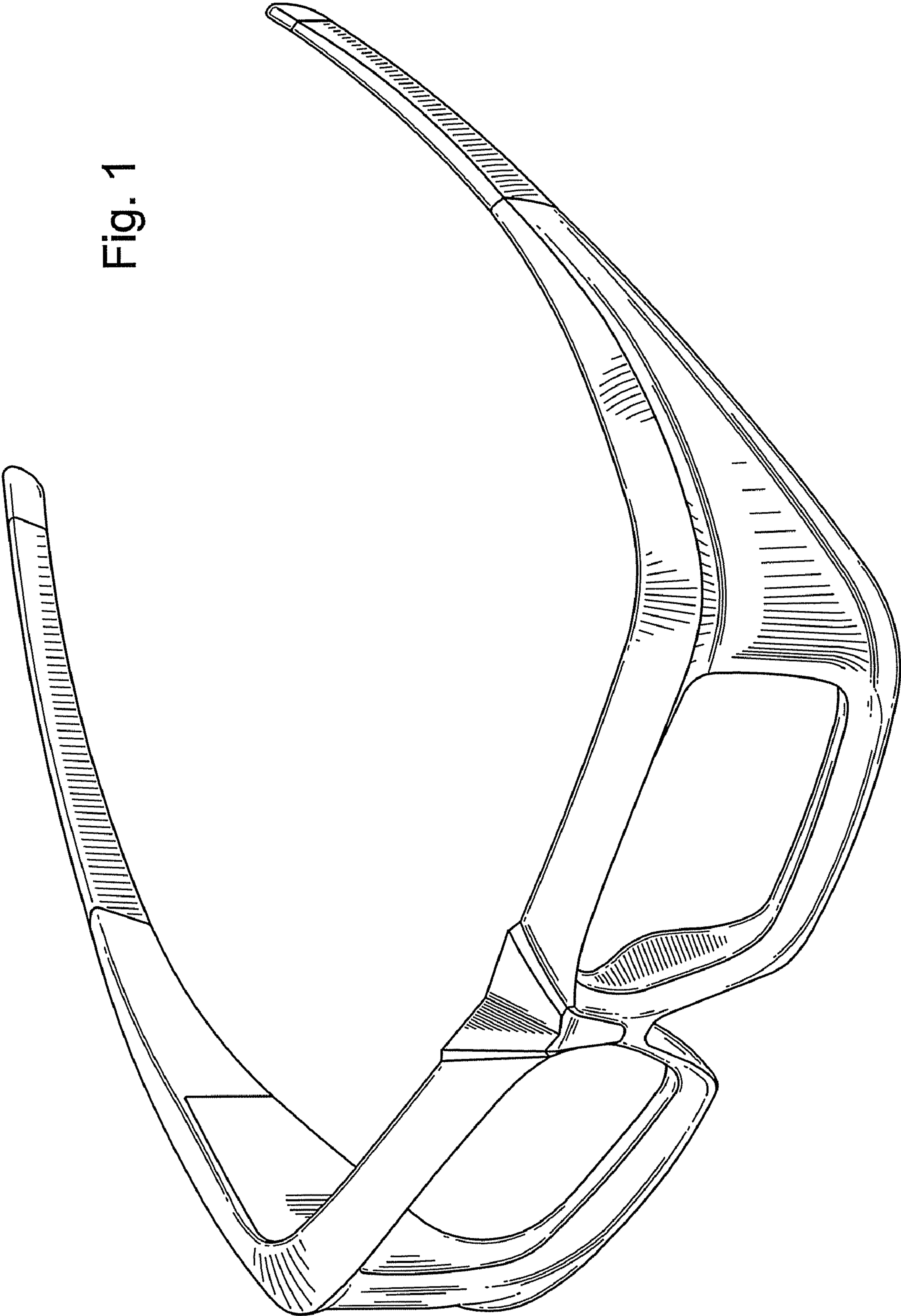


Fig. 2

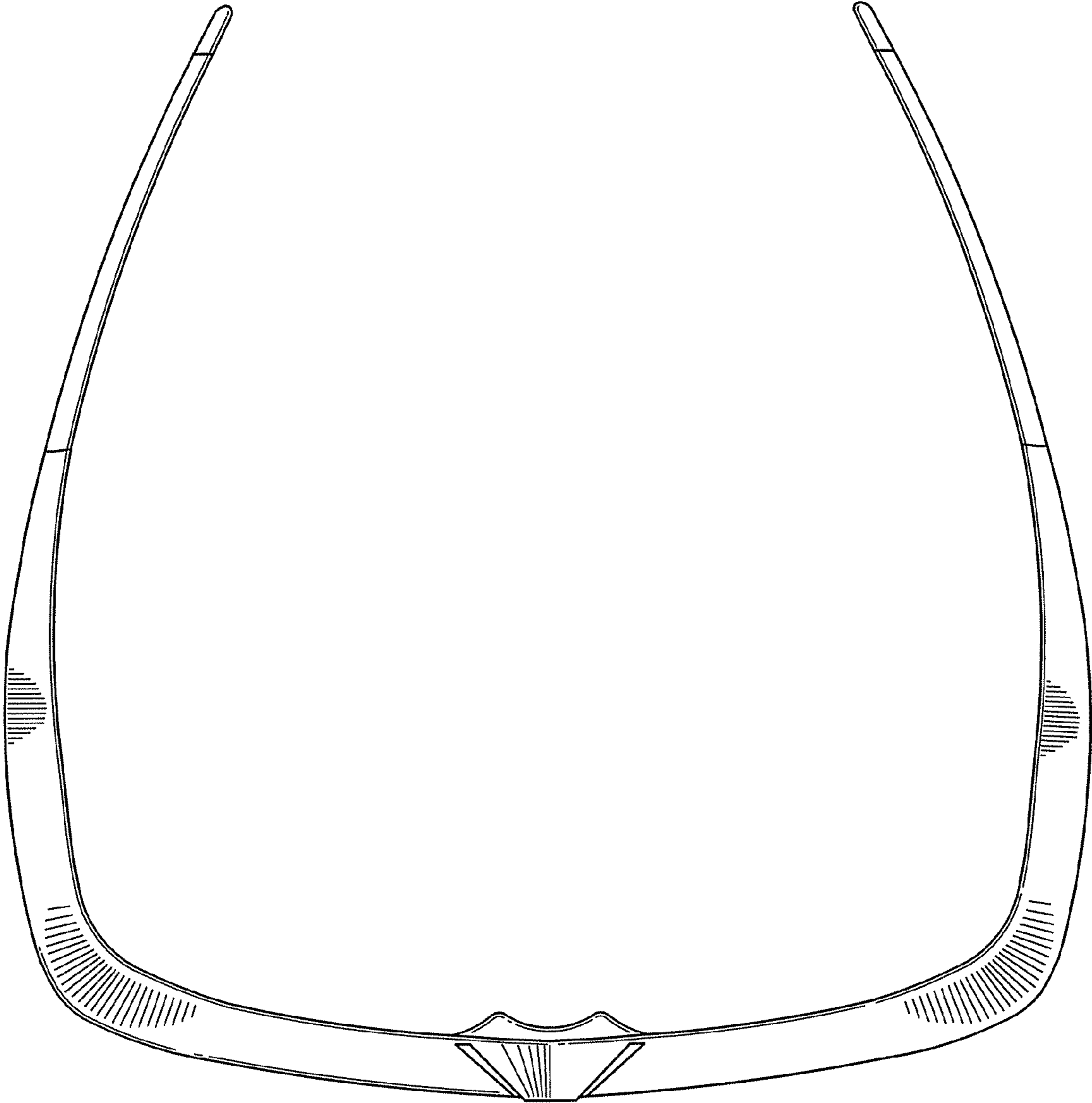


Fig. 3

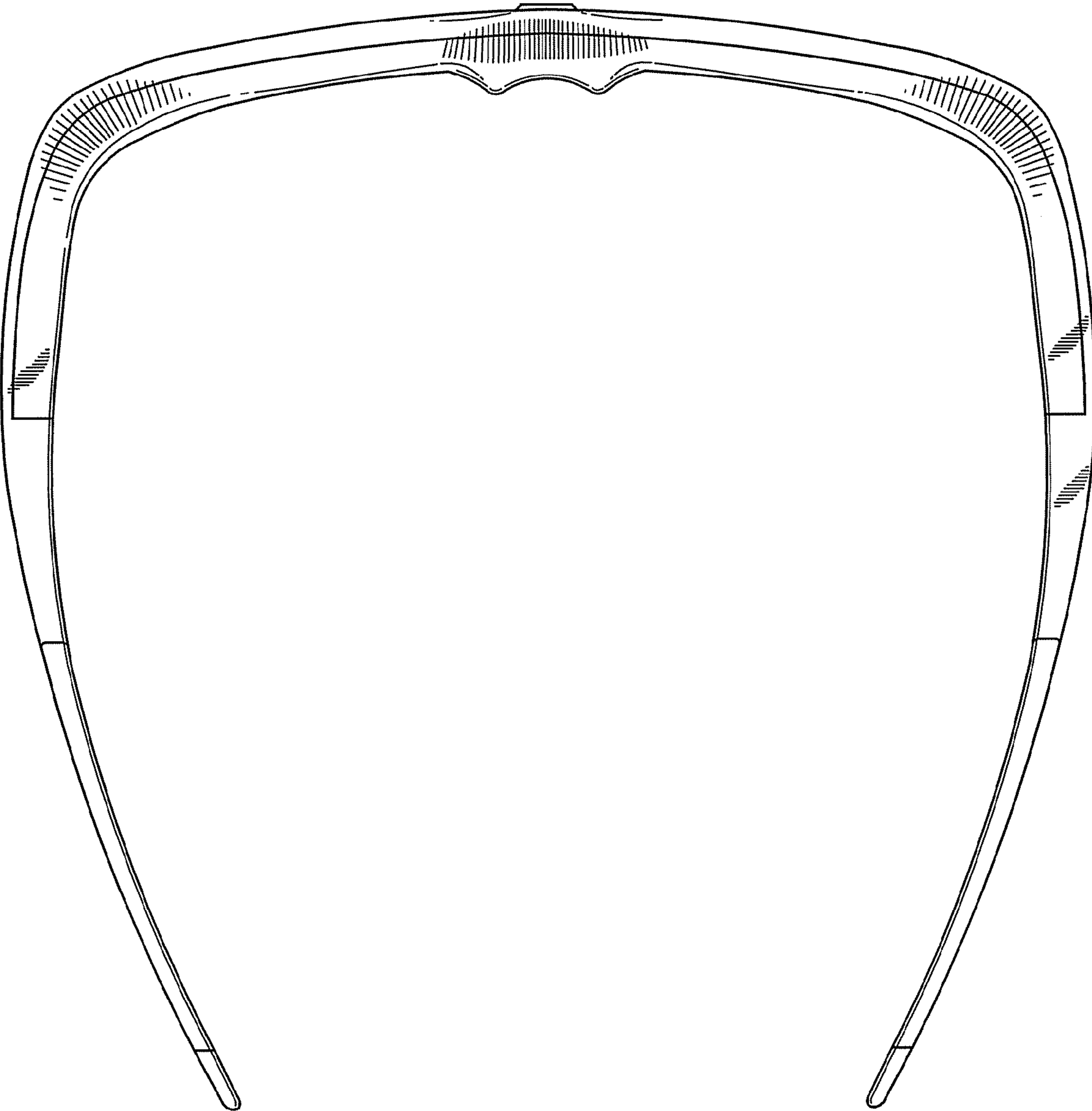


Fig. 4

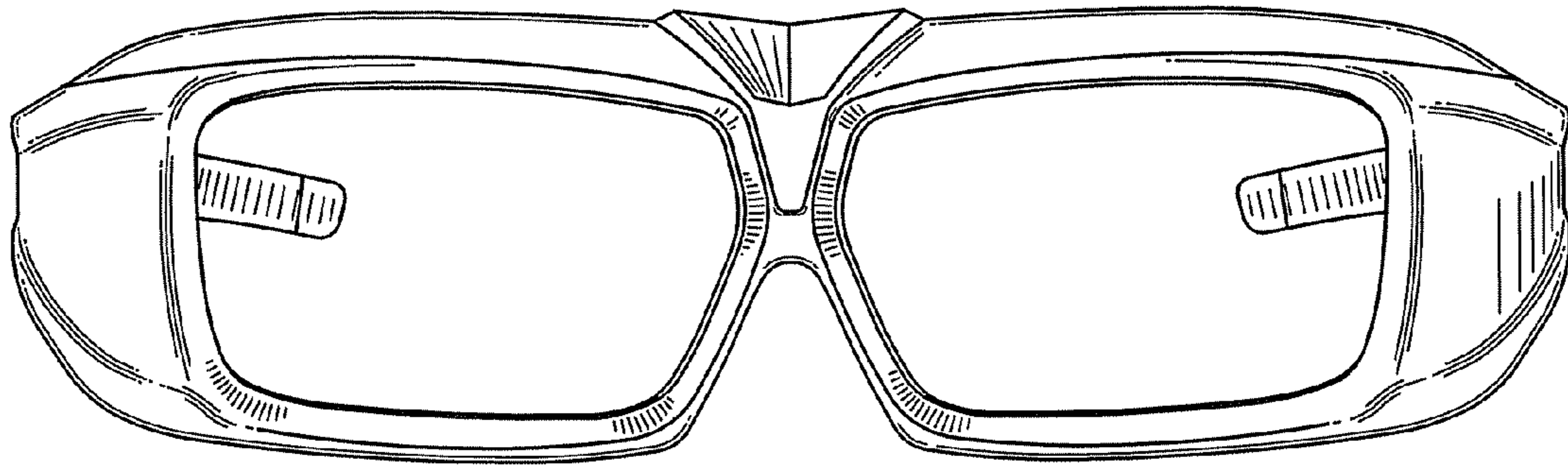


Fig. 5

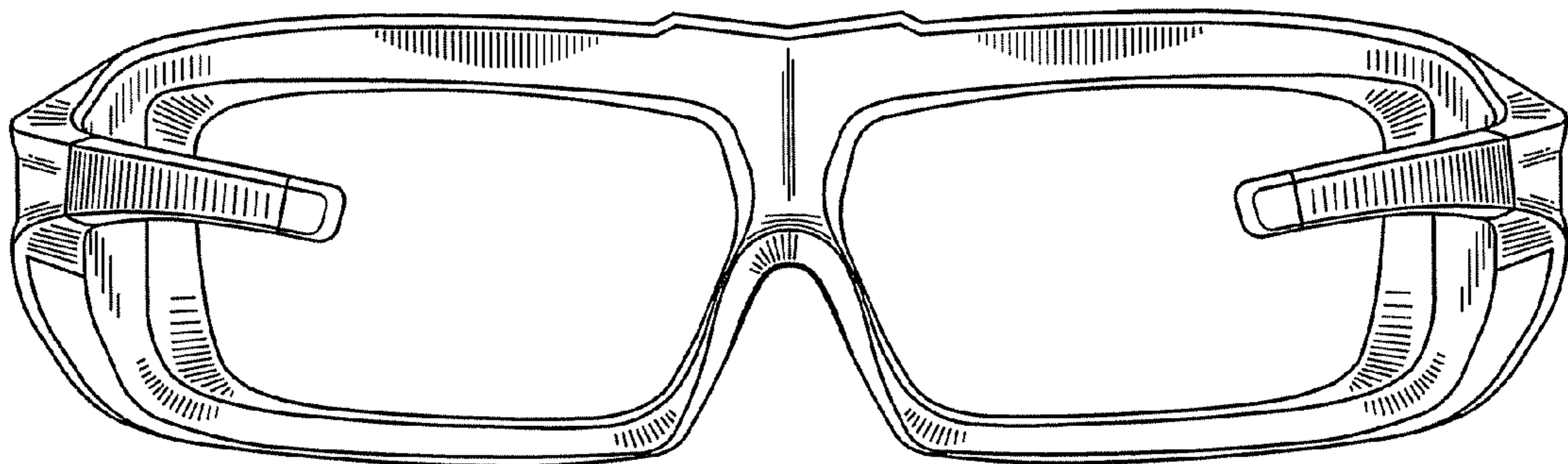


Fig. 6

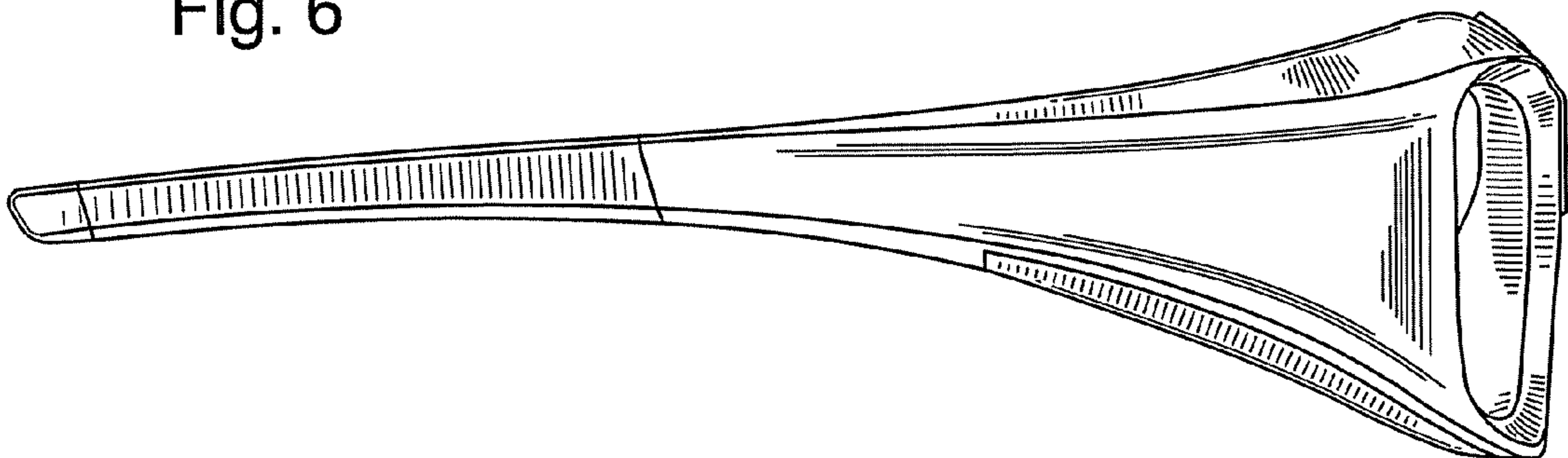
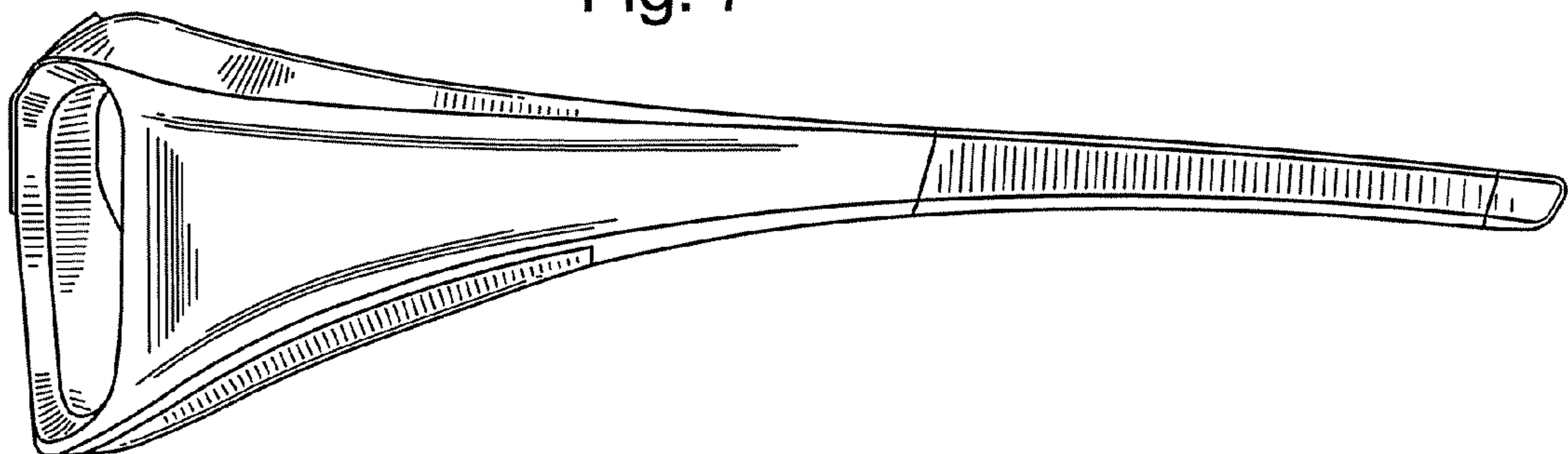


Fig. 7



UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : D616,486 S
APPLICATION NO. : 29/346090
DATED : May 25, 2010
INVENTOR(S) : Richard Carlow et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title page, item [63],

Please change the following on page 1 of the referenced patent:

Under Related U.S. Application Data

“Continuation of application No. 29/326,498, filed on October 20, 2008, now abandoned” SHOULD
BE CHANGED TO:

Continuation of application No. 29/326,498, filed on October 20, 2008, now issued as U.S. Patent No.
D624,952.

Signed and Sealed this
Second Day of April, 2013



Teresa Stanek Rea
Acting Director of the United States Patent and Trademark Office