



US00D687419S

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

(10) **Patent No.:** **US D687,419 S**

(45) **Date of Patent:** **** Aug. 6, 2013**

(54) **EARPHONE**

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(73) Assignee: **Apple Inc.**, Cupertino, CA (US)

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

(21) Appl. No.: **29/444,234**

(22) Filed: **Jan. 28, 2013**

Related U.S. Application Data

(60) Continuation of application No. 29/425,328, filed on Jun. 21, 2012, now Pat. No. Des. 675,194, which is a continuation of application No. 29/410,849, filed on Jan. 12, 2012, now Pat. No. Des. 662,495, which is a continuation of application No. 29/391,833, filed on May 13, 2011, now Pat. No. Des. 653,236, which is a continuation of application No. 29/362,081, filed on May 19, 2010, now Pat. No. Des. 639,279, which is a continuation of application No. 29/336,808, filed on May 8, 2009, now Pat. No. Des. 618,210, which is a division of application No. 29/324,132, filed on Sep. 5, 2008, now Pat. No. Des. 596,616.

(51) **LOC (9) Cl.** **14-01**

(52) **U.S. Cl.**

USPC **D14/223**; D14/228

(58) **Field of Classification Search**

USPC D14/223, 205, 206, 225, 228; 181/129, 181/130, 135; 379/430, 431; 381/328, 325, 381/345, 380, 381, 370, 371; 128/864; 600/474; 455/90.3

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,327,925 A 1/1920 Schneider
2,246,737 A 6/1941 Knudsen

(Continued)

FOREIGN PATENT DOCUMENTS

JP D1303326 6/2007

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(57) **CLAIM**

The ornamental design for an earphone, as shown and described.

DESCRIPTION

This application is also related to U.S. application Ser. No. 29/336,806, filed May 8, 2009, now U.S. Design Pat. No. D618,209, which is a divisional application of U.S. Design application Ser. No. 29/324,197, filed Sep. 8, 2008, now U.S. Design Pat. No. D599,330, which is a continuation of U.S. Design application Ser. No. 29/324,132, filed Sep. 5, 2008, now U.S. Design Pat. No. D596,616. The disclosures of these applications are incorporated herein in their entirety by reference thereto.

FIG. 1 is a front perspective view of an earphone showing our new design;

FIG. 2 is a rear perspective view thereof;

FIG. 3 is front view thereof;

FIG. 4 is a rear view thereof;

FIG. 5 is a right side view thereof

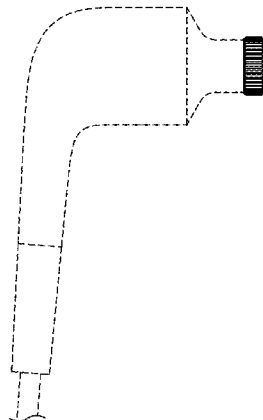
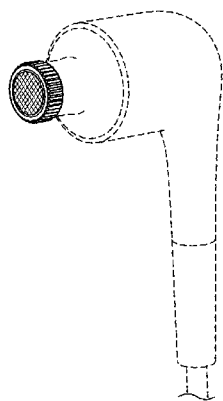
FIG. 6 is a left side view thereof;

FIG. 7 is a top plan view thereof; and,

FIG. 8 is a bottom plan view thereof.

The broken lines in the Figures show portions of the earphone which form no part of the claimed design.

1 Claim, 2 Drawing Sheets



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U.S. PATENT DOCUMENTS

2,377,739	A	*	6/1945	Wyckoff	181/132	
2,487,038	A		11/1949	Baum		
2,498,960	A		2/1950	Mullin		
2,719,523	A		10/1955	Von Gierke		
D206,665	S	*	1/1967	Sanzone	D24/174	
D245,202	S		7/1977	Asker		
4,122,841	A		10/1978	Rock et al.		
D259,279	S		5/1981	Takeda		
4,588,867	A		5/1986	Konomi		
4,598,177	A	*	7/1986	McGroarty et al.	381/323	
4,602,642	A		7/1986	O'Hara et al.		
4,620,605	A	*	11/1986	Gore et al.	181/135	
4,789,044	A	*	12/1988	Akino	181/158	
4,965,836	A	*	10/1990	Andre et al.	381/370	
4,972,492	A	*	11/1990	Tanaka et al.	381/380	
4,987,597	A	*	1/1991	Haertl	381/325	
5,073,936	A	*	12/1991	Gorike et al.	381/26	
D326,655	S	*	6/1992	Iribe	D14/192	
D402,752	S		12/1998	Falco		
5,957,136	A		9/1999	Magidson et al.		
5,991,652	A		11/1999	Barthelemy et al.		
6,215,887	B1	*	4/2001	Wei et al.	381/424	
D457,514	S		5/2002	Marion et al.		
D459,342	S	*	6/2002	Marion et al.	D14/223	
6,567,527	B1	*	5/2003	Baker et al.	381/323	
6,574,345	B1		6/2003	Huang		
D479,834	S		9/2003	Salazar et al.		
6,731,772	B1	*	5/2004	Byun	381/380	
6,738,487	B1		5/2004	Nageno et al.		
				D506,744	S	6/2005 Andre et al.
				6,987,445	B1	* 1/2006 Burnett et al. 340/387.1
				D516,058	S	2/2006 Garcia
				D524,938	S	7/2006 Schreiber
				D542,773	S	5/2007 Drambarean et al.
				D542,782	S	5/2007 Pena Angarita
				D550,655	S	9/2007 Falco
				D554,627	S	11/2007 Gondo
				D555,152	S	11/2007 Wang
				7,349,550	B2	3/2008 Oliveira et al.
				D572,241	S	7/2008 Gwee
				D586,332	S	2/2009 Ewert et al.
				D586,778	S	2/2009 Yang
				D591,722	S	5/2009 Densho
				D596,616	S	* 7/2009 Andre et al. D14/205
				D599,330	S	9/2009 Andre et al.
				D603,379	S	11/2009 Harbeke et al.
				D603,837	S	11/2009 Martin
				7,616,772	B2	11/2009 Sabick et al.
				D606,972	S	* 12/2009 Schaefer D14/205
				D611,934	S	* 3/2010 Schaefer D14/223
				D613,726	S	4/2010 Blanchard et al.
				7,743,771	B2	6/2010 Falco
				D631,034	S	* 1/2011 Yeo D14/205
				D634,306	S	3/2011 Pedersen
				D639,279	S	* 6/2011 Andre et al. D14/223
				D653,236	S	* 1/2012 Andre et al. D14/205
				8,265,323	B2	* 9/2012 Stiehl et al. 381/371
				D674,377	S	* 1/2013 Schaefer D14/223

* cited by examiner

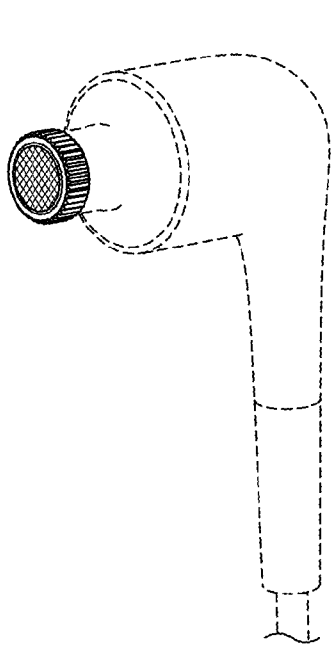


FIG. 1

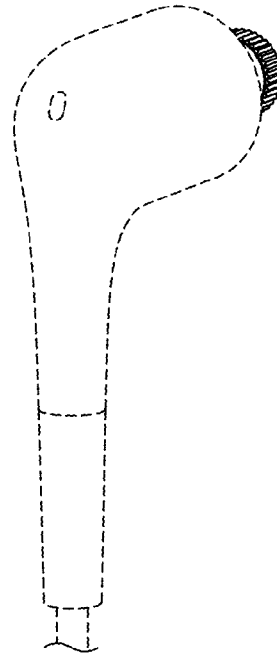


FIG. 2

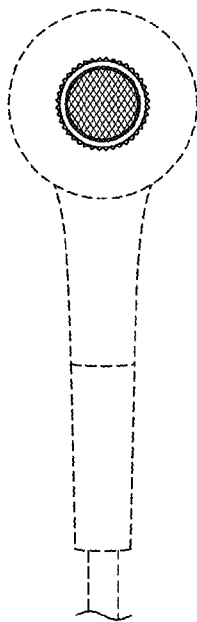


FIG. 3

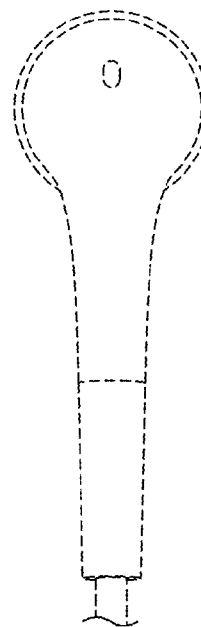


FIG. 4

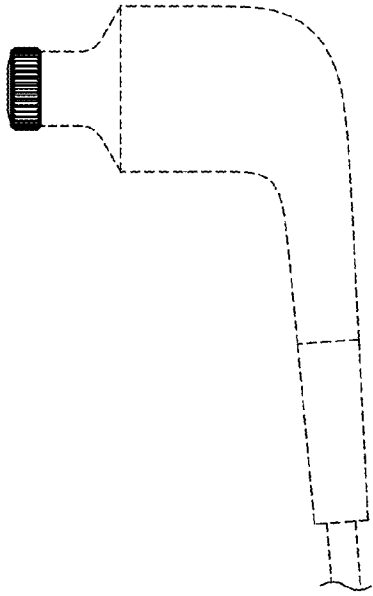


FIG. 5

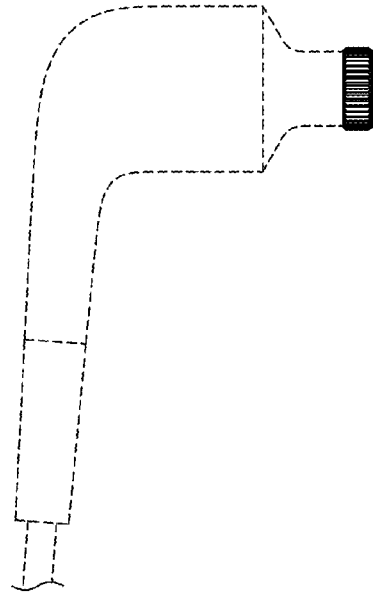


FIG. 6

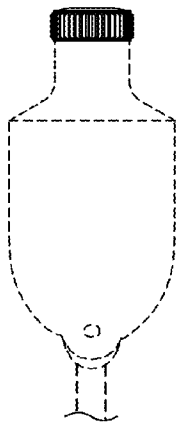


FIG. 7



FIG. 8