



US00D577110S

(12) **United States Design Patent**  
**McDonald**

(10) **Patent No.:** **US D577,110 S**

(45) **Date of Patent:** **\*\* Sep. 16, 2008**

(54) **AIR CLEANER**

(76) Inventor: **Michael McDonald**, 139 Rainbow La.,  
Redlands, CA (US) 92374

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

(21) Appl. No.: **29/280,226**

(22) Filed: **May 21, 2007**

(51) **LOC (8) Cl.** ..... **23-04**

(52) **U.S. Cl.** ..... **D23/364**

(58) **Field of Classification Search** ..... D23/365,  
D23/363, 358, 386, 354, 341, 393, 269, 364,  
D23/209; 55/502, 497, 506, 505, 521, 503,  
55/498, DIG. 30, 385.3, DIG. 2, DIG. 3;  
D15/5, 6; 454/156, 158; 277/626, 596, 630,  
277/644; D32/25; 219/551; 360/265, 265.8

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

1,564,225	A *	12/1925	Farmer	.....	277/626
3,144,315	A *	8/1964	Hunn	.....	55/521
3,796,027	A *	3/1974	Gumtow	.....	55/502
4,114,794	A *	9/1978	Storms	.....	55/498
4,128,408	A *	12/1978	Poole	.....	55/498
4,344,784	A *	8/1982	Deckas et al.	.....	55/385.3
D322,117	S *	12/1991	Kopf	.....	D23/209
5,102,436	A *	4/1992	Grabowski	.....	55/498
5,320,096	A *	6/1994	Hans	.....	55/498
D356,863	S *	3/1995	Skaarstad	.....	D23/365
D366,516	S *	1/1996	Stewart	.....	D23/209
5,653,630	A *	8/1997	Higashihara	.....	454/156

5,674,302	A *	10/1997	Nakayama et al.	.....	55/385.3
5,734,528	A *	3/1998	Jabbari et al.	.....	360/265
5,938,963	A *	8/1999	Tanis	.....	219/551
6,034,843	A *	3/2000	Tsujino et al.	.....	360/265.8
6,045,140	A *	4/2000	Morris, Jr.	.....	277/630
6,174,343	B1 *	1/2001	Bloomer	.....	55/385.3
D485,703	S *	1/2004	Becker	.....	D6/449
6,783,579	B2 *	8/2004	Pettipiece	.....	55/385.3
6,787,941	B2 *	9/2004	Takashima	.....	360/265.8
6,986,799	B2 *	1/2006	Ham	.....	55/521
7,238,102	B2 *	7/2007	Goupil et al.	.....	454/156
7,255,838	B2 *	8/2007	Yuan et al.	.....	55/DIG. 30
2002/0067006	A1 *	6/2002	Etcheverry	.....	277/644
2002/0153673	A1 *	10/2002	Caplain et al.	.....	277/626
2002/0184863	A1 *	12/2002	Bergami	.....	55/497
2004/0185767	A1 *	9/2004	Schneider	.....	454/158
2004/0187455	A1 *	9/2004	Niakan et al.	.....	55/498
2008/0092501	A1 *	4/2008	Sporre et al.	.....	55/497

\* cited by examiner

*Primary Examiner*—Louis S Zarfaz

*Assistant Examiner*—David G Muller

(74) *Attorney, Agent, or Firm*—Loza & Loza, LLP; Christina Loza

(57) **CLAIM**

The ornamental design for an air cleaner, as shown and described.

**DESCRIPTION**

The single FIGURE is a top view of the an air cleaner showing my design.

**1 Claim, 1 Drawing Sheet**



