

## (12) United States Design Patent (10) Patent No.: US D504,943 S Dudley (45) Date of Patent: \*\* May 10, 2005

### (54) VEHICLE AIR FILTER HOUSING

- (75) Inventor: Lynn A. Dudley, Chino, CA (US)
- (73) Assignee: Vortox Company, Claremont, CA (US)
- (\*\*) Term: 14 Years
- (21) Appl. No.: 29/213,831

6,426,930 B2 \* 7/2002 Tanaka et al. ...... 369/59.12

\* cited by examiner

Primary Examiner—Robin V. Taylor(74) Attorney, Agent, or Firm—Boniard I. Brown

### (57) **CLAIM**

The ornamental design for a vehicle air filter housing, as shown and described.

(22) Filed: Sep. 22, 2004

#### **Related U.S. Application Data**

- (62) Division of application No. 29/194,326, filed on Nov. 21, 2003, now Pat. No. Des. 496,720, which is a division of application No. 29/162,143, filed on Jun. 11, 2002, now Pat. No. Des. 482,767.

(56) **References Cited** 

#### U.S. PATENT DOCUMENTS

4,326,865	Α	≉	4/1982	Siebels 55/385.3
D283,621	S	≉	4/1986	Gauer et al D15/5
D403,024	S	≉	12/1998	Muraki et al D21/326
6,379,410	<b>B</b> 1	*	4/2002	Dudley 55/385.3

#### DESCRIPTION

FIG. 1 is a perspective view of a vehicle air filter housing, wherein air intake openings are defined in the upper cap portion thereof;

FIG. 2 is a perspective view of the filter of FIG. 1 opposite from the view of FIG. 1;

FIG. 3 is an elevational view of the filter shown in FIG. 1; FIG. 4 is a top view of the filter of FIG. 1 wherein holes like those of FIGS. 1 and 2 are disposed in the area enclosed by broken lines;

FIG. 5 is a bottom view thereof; and,

FIG. 6 is an enlarged view of an area defined by circle 6 in FIG. 4, showing a pattern of holes defined in the area by broken lines in FIG. 4.

The broken line showing is for illustrative purposes only and forms no part of the claimed design.

### 1 Claim, 2 Drawing Sheets



-050000000000000000 0000000000000000 ncoccece



#### **U.S.** Patent US D504,943 S May 10, 2005 Sheet 1 of 2











# **U.S. Patent** May 10, 2005 Sheet 2 of 2 **US D504,943 S**





-









