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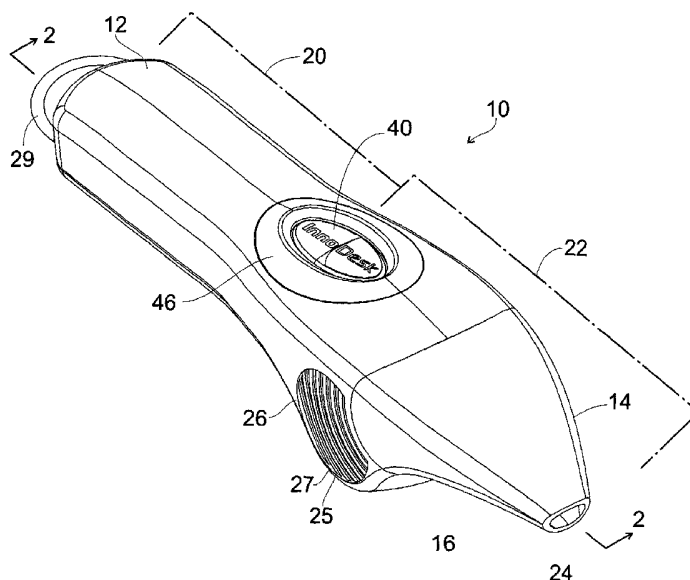
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[Continued on next page]

(54) Title: PORTABLE HAND-HELD BATTERY-OPERATED DUST BLOWER



(57) Abstract: A hand-held, battery-operated air blower is disclosed having a housing with a handle portion, a discharge end, an air inlet and a discharge aperture. A battery compartment is provided in the handle portion of the housing to contain one or more batteries. The battery compartment is electrically connected to a motor disposed within the housing between the battery compartment and the discharge aperture, transverse to the longitudinal axis of the housing. A centrifugal fan is mounted on the motor and positioned within the housing adjacent the air inlet in such a manner that operation of the fan draws air in through the air inlet and forces it out from the fan toward the discharge aperture then out through the discharge aperture. An actuator is provided for switching the flow of electricity from the batteries to turn the motor on and off.



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**Declarations under Rule 4.17:**

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations*
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International application No.

PCT/US03/23399

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : F04B 17/00,35/04

US CL : 417/411;415/206

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 417/411;415/206;34/96,97;392/383,384

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y, P	US 6,591,516 B2 (KAMADA et al) 15 July 2003 (15.07.2003), See abstract, Figs. 1-3.	1,2,5-9,11,13,14,17-21,23
Y	US 5,987,772 A (CHENG) 23 November 1999 (23.11.1999), See fig. 1.	3,4,6,15,16,18
Y	US 5,195,253 A (POUMEY et al) 23 March 1993 (23.03.1993), See fig.1.	1-3,5,6,9,13-15,17,18,21
A, P	US 6,449,870 B1 (PEREZ et al) 17 September 2002 (17.09.2002) See column 1 lines 51-54, column 4 lines 51-62, Column 7 lines 31-43.	
A	US 5,317,815 A (HWANG) 07 June 1994 (07.06.1994), See fig. 2.	

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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INTERNATIONAL SEARCH REPORT

PCT/US03/23399

Continuation of B. FIELDS SEARCHED Item 3:

EAST,EPO,JPO,IBM,USOCR

Search terms: hand blower and battery, hair drier and battery, centrifugal