



(51) International Patent Classification:
F04F 5/16 (2006.01)

(21) International Application Number:

PCT/GB2012/052743

(22) International Filing Date:

5 November 2012 (05.11.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

1120268.6 24 November 2011 (24.11.2011) GB

(71) Applicant: **DYSON TECHNOLOGY LIMITED**
[GB/GB]; Intellectual Property Department, Dyson Technology Limited, Tetbury Hill, Malmesbury, Wiltshire SN16 0RP (GB).

(72) Inventors: **POULTON, Roy**; c/o Dyson Technology Limited, Tetbury Hill, Malmesbury, Wiltshire SN16 0RP (GB).
DAVIS, Alan; c/o Dyson Technology Limited, Tetbury

Hill, Malmesbury, Wiltshire SN16 0RP (GB). **HODGETTS, Joseph**; c/o Dyson Technology Limited, Tetbury Hill, Malmesbury, Wiltshire SN16 0RP (GB).

(74) Agents: **BOOTH, Andrew** et al.; Dyson Technology Limited, Intellectual Property Department, Tetbury Hill, Malmesbury, Wiltshire SN16 0RP (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

[Continued on next page]

(54) Title: A FAN ASSEMBLY

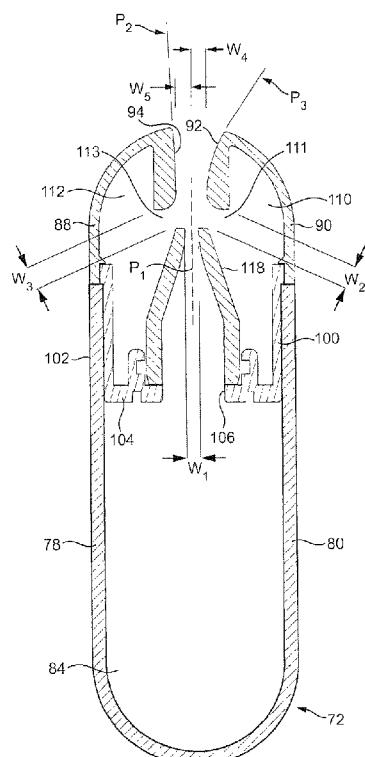


FIG. 7

(57) Abstract: A nozzle for a fan assembly includes an air inlet, an air outlet, an interior passage for conveying air from the air inlet to the air outlet, an annular inner wall, and an outer wall extending about the inner wall. The interior passage is located between the inner wall and the outer wall. The inner wall at least partially defines a bore through which air from outside the nozzle is drawn by air emitted from the air outlet. A flow control port is located downstream from the air outlet. A flow control chamber is provided for conveying air to the flow control port. A control mechanism selectively inhibits a flow of air through the flow control port to deflect an air flow emitted from the air outlet.



(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK,

SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *without international search report and to be republished upon receipt of that report (Rule 48.2(g))*