

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
05 October 2023 (05.10.2023)



(10) International Publication Number
WO 2023/183976 A1

(51) International Patent Classification:

B23K 26/384 (2014.01) *B23K 26/02* (2014.01)
A61M 16/06 (2006.01) *B23K 37/04* (2006.01)
B23B 41/14 (2006.01) *B23K 103/00* (2006.01)
B23B 47/28 (2006.01)

(21) International Application Number:

PCT/AU2023/050235

(22) International Filing Date:

30 March 2023 (30.03.2023)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2022900822 30 March 2022 (30.03.2022) AU

(71) Applicant: **KAJUEM HOLDINGS PTY LIMITED**
[AU/AU]; PO BOX 4044, Oatley, New South Wales 2223
(AU).

(72) Inventor: **WISEMAN, Andrew**; PO BOX 4044, Oatley,
New South Wales 2223 (AU).

(74) Agent: **FOUNDRY INTELLECTUAL PROPERTY
PTY LTD**; PO Box Q1466, Queen Victoria Building, New
South Wales 1230 (AU).

(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, CV, CZ, DE, DJ, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG,
KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY,
MA, MD, MG, MK, MN, MU, MW, MX, MY, MZ, NA,
NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO,
RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS,
ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, CV,
GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST,
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, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE,

(54) Title: IMPROVED PLASTIC MASKS

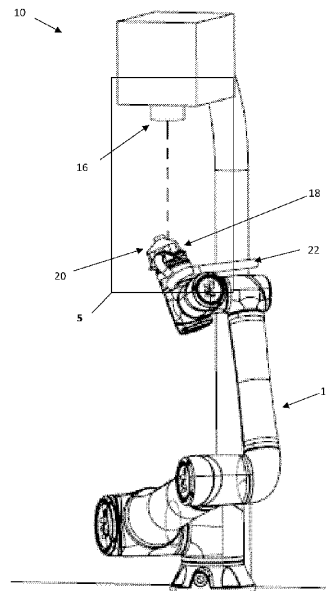


Figure 4

(57) Abstract: Disclosed herein is an apparatus for drilling an array of vents in a plastic mask. The apparatus comprises a drill; a support comprising a surface configured to receive the mask thereat; and a positioning system configured to position the support relative to the drill for drilling vents at sequential locations in the array through a mask received at the surface.

[Continued on next page]

WO 2023/183976 A1

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

Published:

- *with international search report (Art. 21(3))*
- *in black and white; the international application as filed
contained color or greyscale and is available for download
from PATENTSCOPE*