



(51) International Patent Classification:
C23C 14/50 (2006.01) C23C 14/04 (2006.01)

(21) International Application Number:
PCT/US2012/068394

(22) International Filing Date:
7 December 2012 (07.12.2012)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/568,353 8 December 2011 (08.12.2011) US

(71) Applicant: **PREXAIR S. T. TECHNOLOGY, INC.**
[US/US]; 441 Sackett Point Road, New Haven, CT 06473
(US).

(72) Inventors: **FEUERSTEIN, Albert**; 12862 Tuscany Blvd,
Carmel, IN 46032 (US). **WESTFALL, Andrew, Thomas**;
1286 Silver Ridge Lane, Brownsburg, IN 46112 (US).
LEWIS, Thomas, F.; 345 W. Cedar Street, Zionsville, IN
46077 (US). **McPHERSON, David, A.**; 6881 N. Cr 725
E., Coatesville, IN 46121 (US). **KLEYMAN, Ardy**;

13510 Spring Farms Dr., Carmel, IN 46032 (US).
LEMEN, Don; 7655 Moran Ct., Indianapolis, IN 46268
(US).

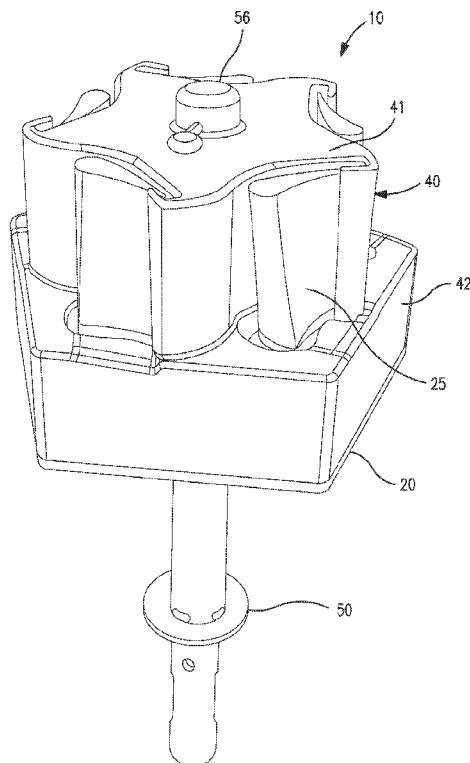
(74) Agents: **DALAL, Nilay S.** et al.; Praxair, Inc., 39 Old
Ridgebury Road, Danbury, CT 06810 (US).

(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.

(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,

[Continued on next page]

(54) Title: TOOLING FIXTURE ASSEMBLY FOR USE IN A COATING OPERATION



(57) Abstract: A modular, rotisserie type tooling fixture assembly for use in a coating operation and method of its use are disclosed. The tooling fixture assembly includes an arbor or shaft and a retaining base with a plurality of anchor members disposed in a prescribed radial orientation from the center of the retaining base, the anchor members are uniquely configured or adapted to retain a plurality of workpieces to be coated. The tooling fixture assembly further comprises a unique workpiece masking arrangement that employs a unitary masking cap having a plurality of solid walls or surfaces adapted to cover portions of the plurality of workpieces in a masking relationship.



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:

- *with international search report (Art. 21(3))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

(88) Date of publication of the international search report:

1 August 2013