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(71) **Applicant (for all designated States except US):** **LEHIGH TECHNOLOGIES, LLC** [US/US]; 1000 Franklin Avenue, Garden City, New York 11530 (US).

(72) **Inventors; and**

(75) **Inventors/Applicants (for US only):** **CIALONE, Anthony, M.** [US/US]; 8 Chestnut Street, Garden City, NY 11530 (US). **WAZNYS, Peter, J.** [US/US]; 31 Mariners Court, Centerport, NY 11721 (US). **MECKERT, George, W.** [US/US]; 440 East 20th Street, Apt. 7E, New York, New York 10009 (US).

(74) **Agent:** **GROLZ, Edward, W.**; Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, NY 11530 (US).

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

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Declarations under Rule 4.17:

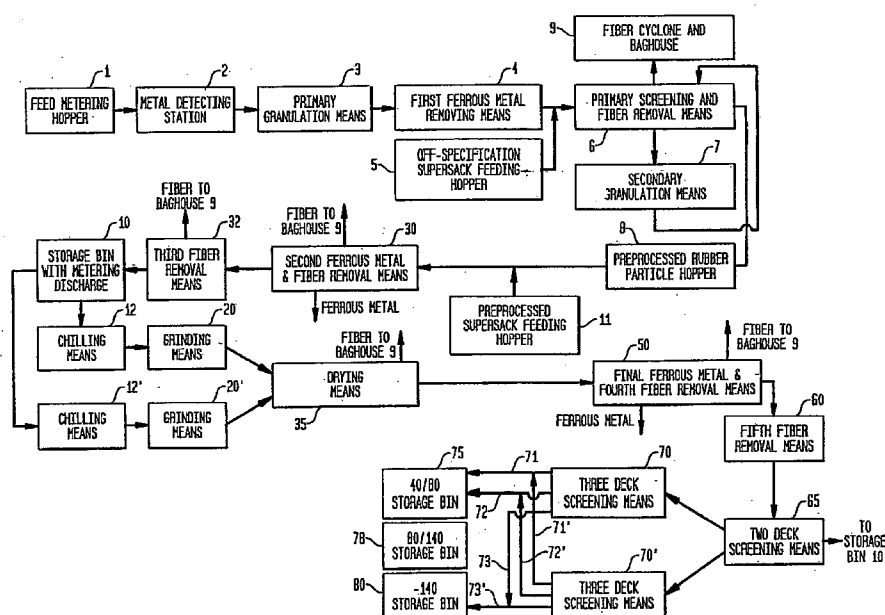
— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations* AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,

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- (54) Title:** PROCESS AND APPARATUS FOR MANUFACTURING CRUMB AND POWDER RUBBER



- (57) Abstract:** A process and apparatus for manufacturing crumb and powder rubber. The process and apparatus include a cooling step (12), effectuated by cooling means, wherein the temperature or cryogenically cooled preprocessed rubber particles is controlled. The process and apparatus also include a grinding step (20), effectuated by grinding means, in which degree of grinding, and thus the product particle size range, is controlled.



MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

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