

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
10 January 2008 (10.01.2008)

PCT

(10) International Publication Number
WO 2008/005425 A3

(51) International Patent Classification:

H02J 7/00 (2006.01) *H01M 10/46* (2006.01)
H02J 7/02 (2006.01)

(21) International Application Number:

PCT/US2007/015342

(22) International Filing Date: 2 July 2007 (02.07.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/806,458 30 June 2006 (30.06.2006) US

(71) Applicant (*for all designated States except US*): **CYMBET CORPORATION** [US/US]; 18326 Joplin Street N.W., Elk River, Minnesota 55330 (US).

(72) Inventor; and

(75) Inventor/Applicant (*for US only*): **SATHER, Jeffrey, S.** [US/US]; 6171 Maclynn Ave. N.E., Otsego, Minnesota 55301 (US).

(74) Agents: **BJORKMAN, Dale, A.** et al.; Kagan Binder, PLLC, Suite 200, Maple Island Building, 221 Main Street North, Stillwater, Minnesota 55082 (US).

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, 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, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

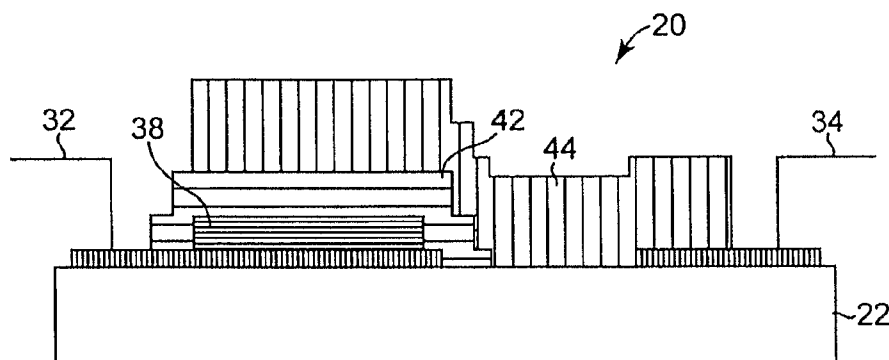
Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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

21 February 2008

(54) Title: THIN-FILM BATTERY RECHARGING SYSTEMS AND METHODS



(57) Abstract: The present invention provides recharging systems and methods for solid state thin-film batteries. Recharging systems and methods in accordance with the present invention include circuits that receive energy that can be used for recharging from sources such as solar cells, magnetic induction, thermoelectric devices, and piezoelectric materials.

WO 2008/005425 A3