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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
8 June 2006 (08.06.2006)

PCT

(10) International Publication Number
WO 2006/060739 A3

(51) International Patent Classification:
G01N 33/58 (2006.01) *G01N 21/64* (2006.01)
G01N 33/53 (2006.01)

(21) International Application Number:
PCT/US2005/043812

(22) International Filing Date:
1 December 2005 (01.12.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/632,317	1 December 2004 (01.12.2004)	US
60/632,048	1 December 2004 (01.12.2004)	US
60/640,710	30 December 2004 (30.12.2004)	US
60/650,944	7 February 2005 (07.02.2005)	US

(71) Applicant *(for all designated States except US)*: **PROTEOLOGICS, INC.** [US/US]; 40 Ramland Road South, Suite 10, Orangeburg, New York 10962 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **TUVIA, Shmuel** [IL/IL]; Hartzit 1, 42490 Netanya (IL). **REISS, Yuval** [IL/IL]; Hahavazelet 11/6, Kiriat-ono (IL).

(74) Agents: **VARMA, Anita** et al.; Fish & Neave IP Group, Ropes & Gray LLP, One International Place, Boston, Massachusetts 02110-2624 (US).

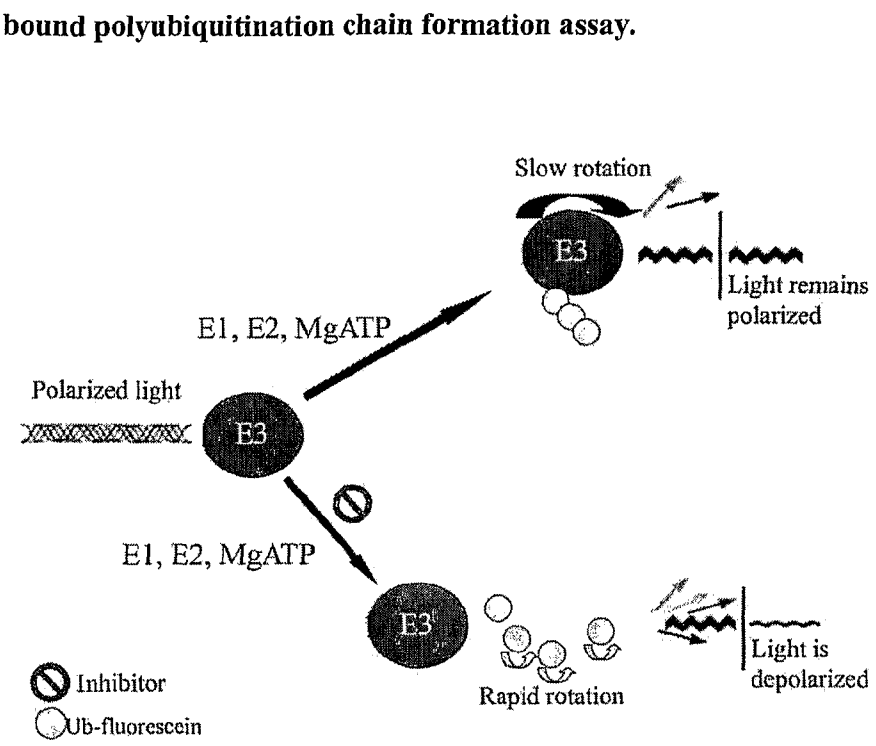
(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC,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

[Continued on next page]

(54) Title: UBIQUITIN LIGASE ASSAYS AND RELATED REAGENTS



(57) Abstract: The disclosure provides, *inter alia*, methods and reagents for use in measuring the attachment of ubiquitin and ubiquitin-like proteins to a target protein, particularly an E3 protein.

WO 2006/060739 A3

— *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:
2 November 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.