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

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
14 September 2000 (14.09.2000)

PCT

(10) International Publication Number
WO 00/53099 A1

(51) International Patent Classification[7]: A61B 10/00

(21) International Application Number: PCT/CA00/00242

(22) International Filing Date: 9 March 2000 (09.03.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/123,684 9 March 1999 (09.03.1999) US

(71) Applicant: ADVANCE SENTRY CORPORATION [CA/CA]; 11 Fallingbrook Drive, Scarborough, Ontario M1N 1B3 (CA).

(72) Inventors: NG, Raymond, H., W.; 37 Alvin Avenue, Toronto, Ontario M4T 2A8 (CA). DAYKIN, Victor; Suite 513, 20 Guildwood Parkway, Scarborough, Ontario M1E 5B6 (CA).

(74) Agents: NASSIF, Omar, A. et al.; Gowling Lafleur Henderson LLP, Suite 4900, Commmerce Court West, Toronto, Ontario M5L 1J3 (CA).

(81) Designated States *(national)*: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, 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, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

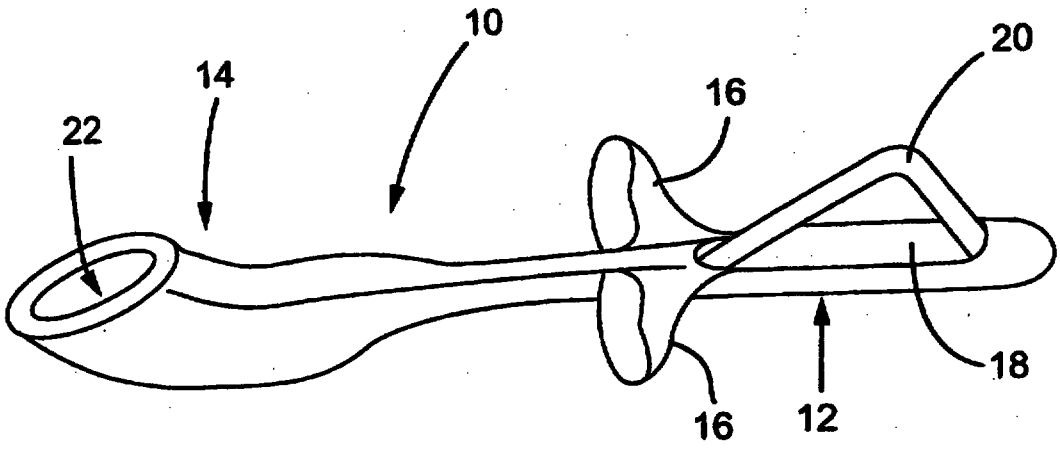
Published:
— *with international search report*

(48) Date of publication of this corrected version:
11 October 2001

(15) Information about Correction:
see PCT Gazette No. 41/2001 of 11 October 2001, Section II

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.

(54) Title: BIOPSY APPARATUS AND METHOD OF OBTAINING BIOPSY SAMPLE



(57) Abstract: A biopsy apparatus (10) is described. The apparatus comprises: a body section having an opening (22) at a distal end thereof; a sample collection means (24) for obtaining a biopsy sample; and a first actuator to provide relative movement between the sample collection means and the body section wherein the sample collection means is operable between a first, retracted position and a second, extended position. A related kit, detachable sample collection device and diagnostic method are also described. The biopsy apparatus is particularly useful as a screen for nasopharyngeal cancer in a patient.

WO 00/53099 A1