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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
14 October 2004 (14.10.2004)

PCT

(10) International Publication Number
WO 2004/086971 A1

(51) International Patent Classification[7]: A61B 5/15

(21) International Application Number:
PCT/JP2004/004748

(22) International Filing Date: 31 March 2004 (31.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2003-095575 31 March 2003 (31.03.2003) JP

(71) Applicant *(for all designated States except US)*: **JMS CO. LTD.** [JP/JP]; 12-17, Kakomachi, Naka-ku, Hiroshima-shi, Hiroshima 7308652 (JP).

(72) Inventor; and

(75) Inventor/Applicant *(for US only)*: **FUJII, Ryoji**.

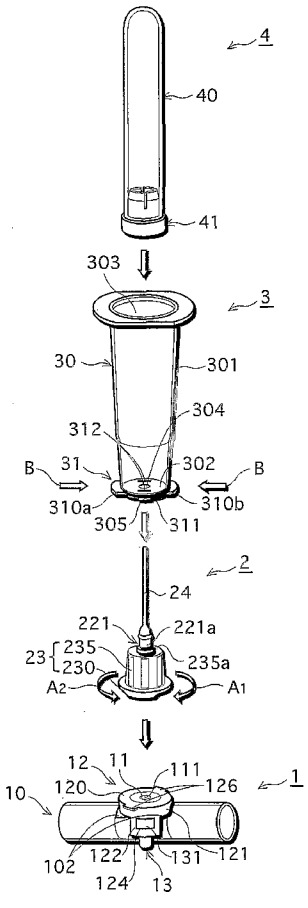
(74) Agent: **NAKAJIMA, Shiro**; 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka, 5310072 (JP).

(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.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, 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,

[Continued on next page]

(54) Title: BLOOD COLLECTING DEVICE AND METHOD OF FIXING IT



(57) Abstract: To provide a blood collecting attachment with which blood can be easily collected from a sampling port inserted in a blood flow path into a tube without using a syringe, a blood collecting instrument can be securely fixed to the sampling port, and accidental needlesticks can be prevented. The blood collecting attachment includes a tubular member one end of which is a needle part for piercing the tube and the other end of which is an insertion part to be inserted in the sampling port, and a fixing member for fixing the tubular member to the sampling port. The fixing member is joined with the tubular member so that the tubular member is joined with the tubular member so that the tubular member is fixed to or unfixed from the sampling port when a predetermined rotation operation is performed on the fixing member.

WO 2004/086971 A1

GB, GR, HU, IE, IT, LU, 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).

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.

Published:

— *with international search report*