

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

(19) World Intellectual Property  
Organization  
International Bureau

(43) International Publication Date  
01 June 2023 (01.06.2023)



(10) International Publication Number  
**WO 2023/096582 A2**

- (51) **International Patent Classification:**  
Not classified
- (21) **International Application Number:**  
PCT/SG2022/050855
- (22) **International Filing Date:**  
23 November 2022 (23.11.2022)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**  
10202113156S 26 November 2021 (26.11.2021) SG
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- (81) **Designated States** (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ,

CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

- (84) **Designated States** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

**Declarations under Rule 4.17:**

— of inventorship (Rule 4.17(iv))

**Published:**

— without international search report and to be republished upon receipt of that report (Rule 48.2(g))

(54) **Title:** MULTIMODAL MICROSCOPY SYSTEM

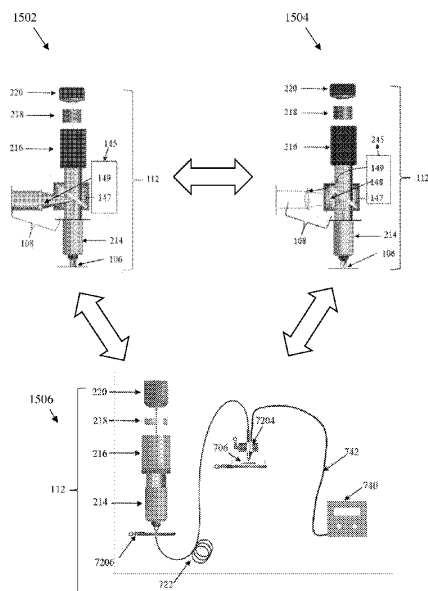


FIG. 15

(57) **Abstract:** Embodiments of the invention provide for a multimodal microscopy system. The multimodal microscopy system may include an illumination module configured to provide a light beam to a sample under test via a delivery path; and an optical arrangement configured to receive the light beam from the sample through a detection path to generate a microscopy image of the sample. The optical arrangement may be operable to switch among a plurality of imaging modalities using the detection path shared by the plurality of imaging modalities. The plurality of imaging modalities may include brightfield microscopy, fluorescent microscopy, and endoscopic microscopy. The multimodal microscopy system may be a multimodal hyperspectral microscopy system.

WO 2023/096582 A2