

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

(19) World Intellectual Property  
Organization  
International Bureau

(43) International Publication Date  
26 September 2024 (26.09.2024)



(10) International Publication Number  
**WO 2024/197099 A1**

(51) International Patent Classification:

**B01L 3/00** (2006.01) **C12Q 1/6806** (2018.01)  
**B01L 7/00** (2006.01) **C12Q 1/686** (2018.01)

(21) International Application Number:

PCT/US2024/020816

(22) International Filing Date:

20 March 2024 (20.03.2024)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/453,724 21 March 2023 (21.03.2023) US  
63/528,557 24 July 2023 (24.07.2023) US  
63/598,903 14 November 2023 (14.11.2023) US

(71) Applicant: **AUTONOMOUS MEDICAL DEVICES INCORPORATED** [US/US]; 3511 West Sunflower Avenue, Santa Ana, California 92704 (US).

(72) Inventors: **PEYTAVI, Regis**; 3511 West Sunflower Avenue, Santa Ana, California 92704 (US). **KIDO, Horacio**;

3511 West Sunflower Avenue, Santa Ana, California 92704 (US).

(74) Agent: **MALINAS, Melanie** et al.; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, California 94304-1050 (US).

(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, MU, 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, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ,

(54) Title: ROTATABLE DISKS AND SYSTEMS AND METHODS FOR SAMPLE ANALYSIS

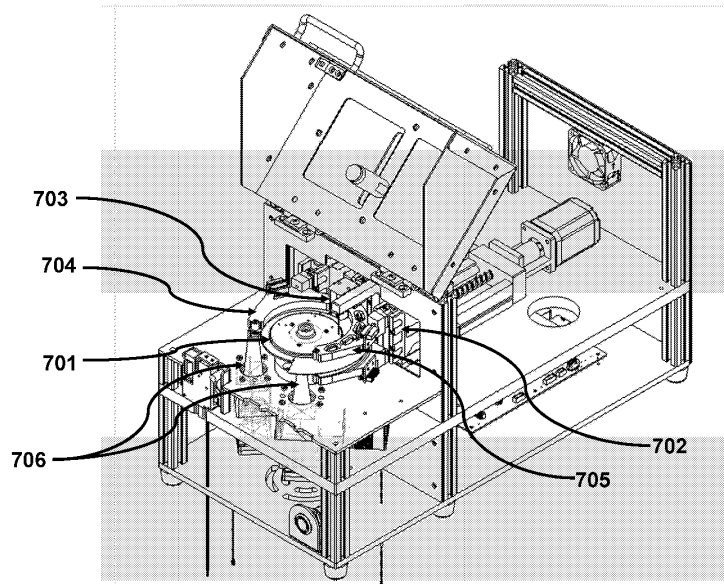


FIG. 7

(57) Abstract: The present invention describes a method and device enabling sample processing, fast polymerase chain reaction amplification, and real-time reading of a large number of targets simultaneously while using a volume of reaction compatible with molecular assays. The present invention can be part of a cartridge allowing sample to answer nucleic acid analytic system (NAAT) or can be used as a stand-alone device.

[Continued on next page]

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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).

**Published:**

- *with international search report (Art. 21(3))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*