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(71) Applicant: **SHAHEEN INNOVATIONS HOLDING LIMITED** [AE/AE]; P.O. Box 35665, 34th & 35th Floor,

Al Maqam Tower, ADGM Square, Al Maryah Island, Abu Dhabi (AE).

(71) Applicant (for TT only): **RUSBY-GALE, Daniel** [GB/GB]; c/o Forrester IP LLP, Port of Liverpool Building, Pier Head, Liverpool Merseyside L3 1AF (GB).

(72) Inventors: **LAHOUD, Imad**; c/o Shaheen Innovations Holding Limited, P.O. Box 35665, 34th & 35th Floor, Al Maqam Tower, ADGM Square Al Maryah Island, Abu Dhabi (AE). **MACHOVEC, Jeff**; c/o Shaheen Innovations Holding Limited, P.O. Box 35665, 34th & 35th Floor, Al Maqam Tower, ADGM Square Al Maryah Island, Abu Dhabi (AE). **BHATTI, Sajid**; c/o Shaheen Innovations Holding Limited, P.O. Box 35665, 34th & 35th Floor, Al Maqam Tower, ADGM Square Al Maryah Island, Abu Dhabi (AE). **ALSHAIBA SALEH GHANNAM ALMAZROUEI, Mohammed**; c/o Shaheen Innovations Holding Limited, P.O. Box 35665, 34th & 35th Floor, Al Maqam Tower, ADGM Square Al Maryah Island, Abu Dhabi (AE). **LAMOUREUX, Clement**; c/o Shaheen Innovations Holding Limited, P.O. Box 35665, 34th & 35th Floor, Al Maqam Tower, ADGM Square Al Maryah Island, Abu Dhabi (AE).

(54) Title: CELL LYSIS SYSTEMS AND METHODS

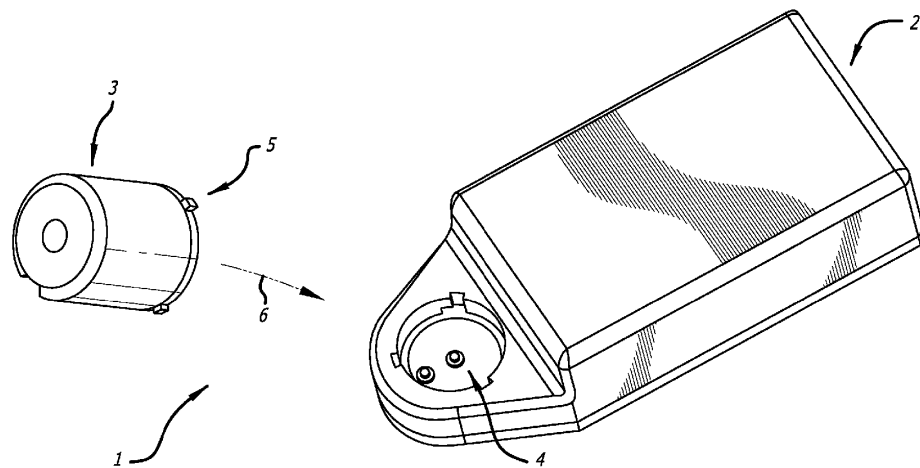


FIG. 1

(57) Abstract: A cell lysis system (1) comprises a driver apparatus (2) and a cell lysis device (3) which are releasably attachable to one another. The cell lysis device (3) comprises an ultrasonic transducer (12) and a sonication chamber (11). The driver apparatus (2) drives the ultrasonic transducer (12) to output ultrasonic waves to lyse cells in a sample container (22) which is carried by the cell lysis device (3).

[Continued on next page]

Floor, Al Maqam Tower, ADGM Square Al Maryah Island,
Abu Dhabi (AE).

(74) **Agent: FORRESTERS IP LLP**; Port of Liverpool Building, Pier Head, Liverpool Merseyside L3 1AF (GB).

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