

| Title/Mark (from original Letter (Ex. 1041))                                                   | Application No. (from original Letter (Ex. 1041)) | Registration No. (from original Letter (Ex. 1041)) | Cited in Ex. 1004 (Certified Prosecution History of U.S. Patent No. 12,138,052) | Family |
|------------------------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|--------|
| SYSTEM AND METHOD FOR ACQUIRING PARENTERAL SAMPLES FOR MICROBIOLOGICAL TESTING                 | 60/870,599                                        |                                                    | 8,197,420 cited in Ex. 1004                                                     | 20     |
| SYSTEMS AND METHODS FOR PARENTERALLY PROCURING BODILY-FLUID SAMPLES WITH REDUCED CONTAMINATION | 11/955,635                                        | 8,197,420                                          |                                                                                 | 20     |
| SYSTEMS AND METHODS FOR PARENTERALLY PROCURING BODILY-FLUID SAMPLES WITH REDUCED CONTAMINATION | PCT/US2007/087951                                 |                                                    |                                                                                 | 20     |
| SYSTEMS AND METHODS FOR PARENTERALLY PROCURING BODILY-FLUID SAMPLES WITH REDUCED CONTAMINATION | 13/335,241                                        | 8,231,546                                          |                                                                                 | 20     |
| SYSTEMS AND METHODS FOR PARENTERALLY PROCURING BODILY-FLUID SAMPLES WITH REDUCED CONTAMINATION | 13/458,508                                        | 8,337,418                                          |                                                                                 | 20     |
| SYSTEMS AND METHODS FOR PARENTERALLY PROCURING BODILY-FLUID SAMPLES WITH REDUCED CONTAMINATION | 13/675,295                                        | 8,647,286                                          |                                                                                 | 20     |
| SYSTEMS AND METHODS FOR PARENTERALLY PROCURING BODILY-FLUID SAMPLES WITH REDUCED CONTAMINATION | 14/089,267                                        | 8,876,734                                          |                                                                                 | 20     |
| SYSTEMS AND METHODS FOR PARENTERALLY PROCURING BODILY-FLUID SAMPLES WITH REDUCED CONTAMINATION | 14/498,102                                        | 10,299,713                                         |                                                                                 | 20     |
| SYSTEMS AND METHODS FOR PARENTERALLY PROCURING BODILY-FLUID SAMPLES WITH REDUCED CONTAMINATION | 15/088,842                                        |                                                    |                                                                                 | 20     |
| SYSTEMS AND METHODS FOR PARENTERALLY PROCURING BODILY-FLUID SAMPLES WITH REDUCED CONTAMINATION | 15/432,310                                        | 9,855,002                                          |                                                                                 | 20     |
| SYSTEMS AND METHODS FOR PARENTERALLY PROCURING BODILY-FLUID SAMPLES WITH REDUCED CONTAMINATION | 15/435,684                                        | 9,872,645                                          |                                                                                 | 20     |
| SYSTEMS AND METHODS FOR PARENTERALLY PROCURING BODILY-FLUID SAMPLES WITH REDUCED CONTAMINATION | 15/448,891                                        | 9,861,306                                          |                                                                                 | 20     |
| SYSTEMS AND METHODS FOR PARENTERALLY PROCURING BODILY-FLUID SAMPLES WITH REDUCED CONTAMINATION | 15/457,082                                        | 9,855,001                                          |                                                                                 | 20     |
| SYSTEMS AND METHODS FOR PARENTERALLY PROCURING BODILY-FLUID SAMPLES WITH REDUCED CONTAMINATION | 15/829,015                                        | 10,028,687                                         |                                                                                 | 20     |
| SYSTEMS AND METHODS FOR PARENTERALLY PROCURING BODILY-FLUID SAMPLES WITH REDUCED CONTAMINATION | 15/829,018                                        | 10,028,688                                         |                                                                                 | 20     |
| SYSTEMS AND METHODS FOR PARENTERALLY PROCURING BODILY-FLUID SAMPLES WITH REDUCED CONTAMINATION | 15/829,023                                        | 10,052,053                                         |                                                                                 | 20     |
| SYSTEMS AND METHODS FOR PARENTERALLY PROCURING BODILY-FLUID SAMPLES WITH REDUCED CONTAMINATION | 15/832,055                                        | 10,045,724                                         |                                                                                 | 20     |
| SYSTEMS AND METHODS FOR PARENTERALLY PROCURING BODILY-FLUID SAMPLES WITH REDUCED CONTAMINATION | 15/832,087                                        | 10,028,689                                         |                                                                                 | 20     |
| SYSTEMS AND METHODS FOR PARENTERALLY PROCURING BODILY-FLUID SAMPLES WITH REDUCED CONTAMINATION | 16/379,128                                        |                                                    |                                                                                 | 20     |
| INNOVATION FOR REDUCING BLOOD CULTURE CONTAMINATION: INITIAL SPECIMEN DIVERSION TECHNIQUE      | 61/546,954                                        |                                                    | 8,535,241 cited in Ex. 1004                                                     | 21     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 1506837.2                                         | 2521787                                            |                                                                                 | 21     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 13/650,554                                        | 8,535,241                                          |                                                                                 | 21     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | PCT/US2013/071491                                 |                                                    |                                                                                 | 21     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 1805101.1                                         | 2560267                                            |                                                                                 | 21     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 13/954,528                                        | 8,864,684                                          |                                                                                 | 21     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            |                                                   |                                                    |                                                                                 | 21     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 14/455,263                                        | 9,060,725                                          |                                                                                 | 21     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 14/712,431                                        | 10,265,007                                         |                                                                                 | 21     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 15/832,091                                        | 10,039,483                                         |                                                                                 | 21     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 16/299,962                                        |                                                    | 9,060,724 cited in Ex. 1004                                                     | 21     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 17/684,920                                        |                                                    |                                                                                 | 21     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 61/652,887                                        |                                                    |                                                                                 | 22     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 13/904,691                                        | 9,060,724                                          |                                                                                 | 22     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 2013267448                                        | 2013267448                                         |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 2875118                                           | 2875118                                            |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 201380040468.7                                    | ZL201380040468.7                                   |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 13797732.8                                        | 2854643                                            |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 13797732.8                                        | 2854643                                            |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 13797732.8                                        | 2854643                                            |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 11068/DELNP/2014                                  |                                                    | 9,022,950 cited in Ex. 1004                                                     | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 13797732.8                                        | 2854643                                            |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 2015-515178                                       | 6242386                                            |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | PCT/US2013/043289                                 |                                                    |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 2017216493                                        | 2017216493                                         |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 3120161                                           |                                                    |                                                                                 | 23     |
| DEVICE FOR PROCURING BODILY-FLUID SAMPLES FROM A PATIENT                                       | 201711078173.5                                    | ZL201711078173.5                                   |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 602013053154.4                                    | 3173021                                            |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 16200112.7                                        | 3173021                                            |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 16200112.7                                        | 3173021                                            |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 16200112.7                                        | 3173021                                            |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 16200112.7                                        | 3173021                                            |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 2017-214629                                       | 6695314                                            |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 14/493,796                                        | 9,022,950                                          |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 2019204941                                        | 2019204941                                         |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 19156636.3                                        | 3549522                                            |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 19156636.3                                        | 3549522                                            |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 19156636.3                                        | 3549522                                            |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 19156636.3                                        | 3549522                                            |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 19156636.3                                        | 3549522                                            |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 2020-075727                                       |                                                    |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 14/494,208                                        | 9,022,951                                          |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 2020213415                                        | 2020213415                                         |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                            | 21167069.0                                        | 3918993                                            |                                                                                 | 23     |

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|-----------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|--------|
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                   | 2022-149585                                       |                                                    |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                   | 14/662,676                                        | 10,292,633                                         |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                   | 2022200818                                        |                                                    |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                   | 22194769.0                                        |                                                    |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                   | 14/712,437                                        | 10,433,779                                         |                                                                                 | 22     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                   | 15/854,273                                        | 10,736,554                                         |                                                                                 | 22     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                   | 16/376,745                                        |                                                    |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                   | 16/986,940                                        | 10,912,506                                         |                                                                                 | 22     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                   | 17/525,682                                        | 11,395,611                                         |                                                                                 | 23     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                   | 17/138,056                                        |                                                    |                                                                                 | 22     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                   | 17/532,382                                        | 11,395,612                                         |                                                                                 | 23     |
| STERILE BODILY-FLUID COLLECTION DEVICE AND METHODS                    | 61/733,199                                        |                                                    |                                                                                 | 24     |
| STERILE BODILY-FLUID COLLECTION DEVICE AND METHODS                    | 14/096,826                                        | 10,251,590                                         |                                                                                 | 24     |
| STERILE BODILY-FLUID COLLECTION DEVICE AND METHODS                    |                                                   |                                                    |                                                                                 | 24     |
| STERILE BODILY-FLUID COLLECTION DEVICE AND METHODS                    | 2932536                                           |                                                    |                                                                                 | 25     |
| STERILE BODILY-FLUID COLLECTION DEVICE AND METHODS                    | 201380072185.0                                    | ZL201380072185.0                                   |                                                                                 | 25     |
| STERILE BODILY-FLUID COLLECTION DEVICE                                | 13860741.1                                        | 602013032824.2                                     |                                                                                 | 25     |
| STERILE BODILY-FLUID COLLECTION DEVICE                                | 13860741.1                                        | 2928375                                            |                                                                                 | 25     |
| STERILE BODILY-FLUID COLLECTION DEVICE                                | 13860741.1                                        | 2928375                                            |                                                                                 | 25     |
| STERILE BODILY-FLUID COLLECTION DEVICE                                | 13860741.1                                        | 2928375                                            |                                                                                 | 25     |
| STERILE BODILY-FLUID COLLECTION DEVICE AND METHODS                    | 239098                                            | 239098                                             |                                                                                 | 25     |
| STERILE BODILY-FLUID COLLECTION DEVICE AND METHODS                    |                                                   |                                                    |                                                                                 | 25     |
| STERILE BODILY-FLUID COLLECTION DEVICE                                | 13860741.1                                        | 502018000010655                                    |                                                                                 | 25     |
| STERILE BODILY-FLUID COLLECTION DEVICE                                | 2015-545813                                       | 6335186                                            |                                                                                 | 25     |
| STERILE BODILY-FLUID COLLECTION DEVICE AND METHODS                    | 14/728,318                                        | 10,772,548                                         | 2015/0342510 cited in Ex. 1004                                                  | 25     |
| STERILE BODILY-FLUID COLLECTION DEVICE AND METHODS                    | PCT/US2013/073080                                 |                                                    |                                                                                 | 25     |
| STERILE BODILY-FLUID COLLECTION DEVICE AND METHODS                    | 3,183,294                                         |                                                    |                                                                                 | 25     |
| APPARATUS FOR OBTAINING A BODILY-FLUID SAMPLE FROM A PATIENT          | 201711088015.8                                    | ZL201711088015.8                                   |                                                                                 | 25     |
| STERILE BODILY-FLUID COLLECTION DEVICE                                | 602013060572.6                                    | 3305196                                            |                                                                                 | 25     |
| STERILE BODILY-FLUID COLLECTION DEVICES                               | 17204012.3                                        | 3305196                                            |                                                                                 | 25     |
| STERILE BODILY-FLUID COLLECTION DEVICES                               | 17204012.3                                        | 3305196                                            |                                                                                 | 25     |
| STERILE BODILY-FLUID COLLECTION DEVICES                               | 17204012.3                                        | 3305196                                            |                                                                                 | 25     |
| STERILE BODILY-FLUID COLLECTION DEVICE AND METHODS                    | 276024                                            | 276024                                             |                                                                                 | 25     |
| APPARATUS FOR OBTAINING A BODILY FLUID SAMPLE FROM A PATIENT          | 2018-086721                                       | 6637544                                            |                                                                                 | 25     |
| STERILE BODILY-FLUID COLLECTION DEVICE AND METHODS                    | 16/274,835                                        | 11,259,727                                         | 11,259,727 cited in Ex. 1004                                                    | 24     |
| STERILE BODILY-FLUID COLLECTION DEVICE                                | 19190772.4                                        |                                                    |                                                                                 | 25     |
| STERILE BODILY-FLUID COLLECTION DEVICE AND METHODS                    | 286196                                            | 289196                                             |                                                                                 | 25     |
| STERILE BODILY-FLUID COLLECTION DEVICE AND METHODS                    | 2019-230734                                       | 7094263                                            |                                                                                 | 25     |
| STERILE BODILY-FLUID COLLECTION DEVICE AND METHODS                    | 16/934,975                                        |                                                    |                                                                                 | 25     |
| STERILE BODILY-FLUID COLLECTION DEVICE AND METHODS                    | 23153164.1                                        |                                                    |                                                                                 | 25     |
| STERILE BODILY-FLUID COLLECTION DEVICE AND METHODS                    | 295772                                            |                                                    |                                                                                 | 25     |
| STERILE BODILY-FLUID COLLECTION DEVICE AND METHODS                    | 2022-074696                                       |                                                    |                                                                                 | 25     |
| STERILE BODILY-FLUID COLLECTION DEVICE AND METHODS                    | 17/583,791                                        |                                                    |                                                                                 | 24     |
| LUMENLESS NEEDLE FOR BODILY-FLUID SAMPLE COLLECTION                   | 61/777,758                                        |                                                    |                                                                                 | 26     |
| METHODS AND APPARATUS FOR SELECTIVELY OCCLUDING THE LUMEN OF A NEEDLE |                                                   |                                                    |                                                                                 | 26     |
| METHODS AND APPARATUS FOR SELECTIVELY OCCLUDING THE LUMEN OF A NEEDLE |                                                   |                                                    |                                                                                 | 26     |
| METHODS AND APPARATUS FOR SELECTIVELY OCCLUDING THE LUMEN OF A NEEDLE | 201480013879.1                                    | ZL201480013879.1                                   |                                                                                 | 26     |
| METHODS AND APPARATUS FOR SELECTIVELY OCCLUDING THE LUMEN OF A NEEDLE | 602014034317.1                                    | 2967462                                            |                                                                                 | 26     |
| METHODS AND APPARATUS FOR SELECTIVELY OCCLUDING THE LUMEN OF A NEEDLE | 14779787.2                                        | 2967462                                            |                                                                                 | 26     |
| METHODS AND APPARATUS FOR SELECTIVELY OCCLUDING THE LUMEN OF A NEEDLE | 14779787.2                                        | 2967462                                            |                                                                                 | 26     |
| METHODS AND APPARATUS FOR SELECTIVELY OCCLUDING THE LUMEN OF A NEEDLE | 14779787.2                                        | 2967462                                            |                                                                                 | 26     |
| METHODS AND APPARATUS FOR SELECTIVELY OCCLUDING THE LUMEN OF A NEEDLE | 240827                                            | 240827                                             |                                                                                 | 26     |
| METHODS AND APPARATUS FOR SELECTIVELY OCCLUDING THE LUMEN OF A NEEDLE |                                                   |                                                    |                                                                                 | 26     |
| METHODS AND APPARATUS FOR SELECTIVELY OCCLUDING THE LUMEN OF A NEEDLE | 2016-500787                                       | 6437515                                            |                                                                                 | 26     |
| METHODS AND APPARATUS FOR SELECTIVELY OCCLUDING THE LUMEN OF A NEEDLE | 14/200,453                                        |                                                    |                                                                                 | 26     |
| METHODS AND APPARATUS FOR SELECTIVELY OCCLUDING THE LUMEN OF A NEEDLE | PCT/US2014/021564                                 |                                                    |                                                                                 | 26     |
| METHODS AND APPARATUS FOR SELECTIVELY OCCLUDING THE LUMEN OF A NEEDLE | 201810391945.9                                    | ZL201810391945.9                                   |                                                                                 | 26     |
| METHODS AND APPARATUS FOR SELECTIVELY OCCLUDING THE LUMEN OF A NEEDLE | 18194131.1                                        |                                                    |                                                                                 | 26     |
| METHODS AND APPARATUS FOR SELECTIVELY OCCLUDING THE LUMEN OF A NEEDLE | 280954                                            |                                                    |                                                                                 | 26     |
| METHODS AND APPARATUS FOR SELECTIVELY OCCLUDING THE LUMEN OF A NEEDLE | 2018-214062                                       | 6862401                                            |                                                                                 | 26     |
| METHODS AND APPARATUS FOR SELECTIVELY OCCLUDING THE LUMEN OF A NEEDLE | 14/490,099                                        | 9,788,774                                          |                                                                                 | 26     |
| METHODS AND APPARATUS FOR SELECTIVELY OCCLUDING THE LUMEN OF A NEEDLE | 298968                                            |                                                    |                                                                                 | 26     |
| METHODS AND APPARATUS FOR SELECTIVELY OCCLUDING THE LUMEN OF A NEEDLE | 2021-009321                                       | 7106693                                            |                                                                                 | 26     |
| METHODS AND APPARATUS FOR SELECTIVELY OCCLUDING THE LUMEN OF A NEEDLE | 14/496,296                                        | 9,788,775                                          |                                                                                 | 26     |

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|------------------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|--------|
| METHODS AND APPARATUS FOR SELECTIVELY OCCLUDING THE LUMEN OF A NEEDLE                    | 2022-112402                                       |                                                    | 11,439,332 cited in Ex. 1004                                                    | 26     |
| METHODS AND APPARATUS FOR SELECTIVELY OCCLUDING THE LUMEN OF A NEEDLE                    | 15/705,695                                        | 10,478,109                                         |                                                                                 | 26     |
| METHODS AND APPARATUS FOR SELECTIVELY OCCLUDING THE LUMEN OF A NEEDLE                    | 16/655,906                                        | 11,439,332                                         |                                                                                 | 26     |
| SYSTEMS AND METHODS FOR DELIVERING A FLUID TO A PATIENT WITH REDUCED CONTAMINATION       | 61/712,468                                        |                                                    | 10,596,315 cited in Ex. 1004                                                    | 9      |
| SYSTEMS AND METHODS FOR DELIVERING A FLUID TO A PATIENT WITH REDUCED CONTAMINATION       |                                                   |                                                    |                                                                                 | 9      |
| SYSTEMS AND METHODS FOR DELIVERING A FLUID TO A PATIENT WITH REDUCED CONTAMINATION       | 13845555.5                                        | 2906269                                            |                                                                                 | 9      |
| SYSTEMS AND METHODS FOR DELIVERING A FLUID TO A PATIENT WITH REDUCED CONTAMINATION       | 13845555.5                                        | 2906269                                            |                                                                                 | 9      |
| SYSTEMS AND METHODS FOR DELIVERING A FLUID TO A PATIENT WITH REDUCED CONTAMINATION       | 13845555.5                                        | 2906269                                            |                                                                                 | 9      |
| SYSTEMS AND METHODS FOR DELIVERING A FLUID TO A PATIENT WITH REDUCED CONTAMINATION       | 13845555.5                                        | 2906269                                            |                                                                                 | 9      |
| SYSTEMS AND METHODS FOR DELIVERING A FLUID TO A PATIENT WITH REDUCED CONTAMINATION       | 13845555.5                                        | 2906269                                            |                                                                                 | 9      |
| SYSTEMS AND METHODS FOR DELIVERING A FLUID TO A PATIENT WITH REDUCED CONTAMINATION       | 13845555.5                                        | 2906269                                            |                                                                                 | 9      |
| SYSTEMS AND METHODS FOR DELIVERING A FLUID TO A PATIENT WITH REDUCED CONTAMINATION       | 14/049,326                                        | 9,149,576                                          |                                                                                 | 9      |
| SYSTEMS AND METHODS FOR DELIVERING A FLUID TO A PATIENT WITH REDUCED CONTAMINATION       | PCT/US2013/063975                                 |                                                    |                                                                                 | 9      |
| SYSTEM FOR DELIVERING A FLUID TO A PATIENT WITH REDUCED CONTAMINATION                    | 17206745.6                                        | 3318295                                            |                                                                                 | 9      |
| SYSTEM FOR DELIVERING A FLUID TO A PATIENT WITH REDUCED CONTAMINATION                    | 17206745.6                                        | 3318295                                            |                                                                                 | 9      |
| SYSTEM FOR DELIVERING A FLUID TO A PATIENT WITH REDUCED CONTAMINATION                    | 17206745.6                                        | 3318295                                            |                                                                                 | 9      |
| SYSTEM FOR DELIVERING A FLUID TO A PATIENT WITH REDUCED CONTAMINATION                    | 17206745.6                                        | 3318295                                            |                                                                                 | 9      |
| SYSTEM FOR DELIVERING A FLUID TO A PATIENT WITH REDUCED CONTAMINATION                    | 17206745.6                                        | 3318295                                            |                                                                                 | 9      |
| SYSTEM FOR DELIVERING A FLUID TO A PATIENT WITH REDUCED CONTAMINATION                    | 17206745.6                                        | 3318295                                            |                                                                                 | 9      |
| SYSTEMS AND METHODS FOR DELIVERING A FLUID TO A PATIENT WITH REDUCED CONTAMINATION       | 14/838,794                                        | 9,931,466                                          |                                                                                 | 9      |
| SYSTEM FOR DELIVERING A FLUID TO A PATIENT WITH REDUCED CONTAMINATION                    | 21167625.9                                        |                                                    |                                                                                 | 9      |
| SYSTEMS AND METHODS FOR DELIVERING A FLUID TO A PATIENT WITH REDUCED CONTAMINATION       | 15/899,856                                        | 10,220,139                                         |                                                                                 | 9      |
| SYSTEMS AND METHODS FOR DELIVERING A FLUID TO A PATIENT WITH REDUCED CONTAMINATION       | 16/255,055                                        | 10,596,315                                         |                                                                                 | 9      |
| SYSTEMS AND METHODS FOR DELIVERING A FLUID TO A PATIENT WITH REDUCED CONTAMINATION       | 16/789,034                                        |                                                    |                                                                                 | 9      |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                      | 61/678,404                                        |                                                    | 10,881,343 cited in Ex. 1004                                                    | 14     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                      |                                                   |                                                    |                                                                                 | 14     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                      | 13/952,964                                        | 9,204,864                                          |                                                                                 | 14     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                      | PCT/US2013/052493                                 |                                                    |                                                                                 | 14     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                      | 14/926,784                                        | 10,881,343                                         | 9,155,495 cited in Ex. 1004                                                     | 14     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                      | 17/136,882                                        |                                                    |                                                                                 | 14     |
| SYRINGE-BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        | 61/731,620                                        |                                                    |                                                                                 | 15     |
| SYRINGE-BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        | 14/094,073                                        | 9,155,495                                          | Bullington800 family not cited in Ex. 1004                                      | 15     |
| SYRINGE-BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        |                                                   |                                                    |                                                                                 | 15     |
| SYRINGE BASED FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                        | 2931983                                           | 2931983                                            |                                                                                 | 16     |
| SYRINGE-BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        | 201380071681.4                                    | ZL 201380071681.4                                  |                                                                                 | 16     |
| SYRINGE-BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        | 602013044303.3                                    | 2925228                                            |                                                                                 | 16     |
| SYRINGE-BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        | 13859067.4                                        | 2925228                                            |                                                                                 | 16     |
| SYRINGE-BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        | 13859067.4                                        | 2925228                                            |                                                                                 | 16     |
| SYRINGE-BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        | 13859067.4                                        | 2925228                                            |                                                                                 | 16     |
| SYRINGE-BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        | 238991                                            | 238991                                             |                                                                                 | 16     |
| SYRINGE-BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        |                                                   |                                                    |                                                                                 | -      |
| SYRINGE-BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        | 2015-545494                                       | 6329965                                            |                                                                                 | 16     |
| SYRINGE-BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        | 14/264,481                                        | 9,999,383                                          |                                                                                 | 16     |
| SYRINGE-BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        | PCT/US2013/072563                                 |                                                    |                                                                                 | 16     |
| SYRINGE BASED FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                        | 3136331                                           |                                                    |                                                                                 | 16     |
| BODILY FLUID SEQUESTRATION DEVICE AND METHOD OF SEQUESTERING BODILY FLUID USING THE SAME | 201811146373.4                                    |                                                    |                                                                                 | 16     |
| SYRINGE BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        | 18188136.8                                        | 3498168                                            |                                                                                 | 16     |
| SYRINGE BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        | 18188136.8                                        | 3498168                                            |                                                                                 | 16     |
| SYRINGE BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        | 18188136.8                                        | 3498168                                            |                                                                                 | 16     |
| SYRINGE BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        | 18188136.8                                        | 3498168                                            |                                                                                 | 16     |
| SYRINGE BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        | 18188136.8                                        | 3498168                                            |                                                                                 | 16     |
| SYRINGE BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        | 18188136.8                                        | 3498168                                            |                                                                                 | 16     |
| SYRINGE-BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        | 296048                                            |                                                    |                                                                                 | 16     |
| SYRINGE BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        | 18188136.8                                        | 3498168                                            |                                                                                 | 16     |
| SYRINGE-BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        | 2018-081980                                       | 6762335                                            |                                                                                 | 16     |
| SYRINGE-BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        | 14/880,397                                        | 10,206,613                                         |                                                                                 | 15     |
| SYRINGE BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        | 20207898.6                                        |                                                    |                                                                                 | 16     |
| SYRINGE-BASED FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                        | 2020-094488                                       | 7181252                                            |                                                                                 | 16     |
| SYRINGE-BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        | 16/255,058                                        |                                                    |                                                                                 | 15     |
| SYRINGE BASED FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                        | 2022-184274                                       |                                                    |                                                                                 | 16     |
| SYRINGE-BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        | 17/388,971                                        | 11,311,218                                         |                                                                                 | 15     |
| SYRINGE-BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        | 17/388,979                                        | 11,317,838                                         |                                                                                 | 15     |
| BODILY-FLUID TRANSFER SYSTEM FOR BODILY FLUID SAMPLING                                   | 17/710,389                                        |                                                    |                                                                                 | 15     |
| SYRINGE-BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING                        | 17/710,401                                        | 11,589,786                                         |                                                                                 | 15     |

| Title/Mark (from original Letter (Ex. 1041))                                   | Application No. (from original Letter (Ex. 1041)) | Registration No. (from original Letter (Ex. 1041)) | Cited in Ex. 1004 (Certified Prosecution History of U.S. Patent No. 12,138,052) | Family |
|--------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|--------|
| SYRINGE-BASED FLUID DIVERSION MECHANISM FOR BODILY FLUID SAMPLING              | 17/710,411                                        |                                                    |                                                                                 | 15     |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                            |                                                   |                                                    |                                                                                 | -      |
| BODILY-FLUID SAMPLING DEVICE                                                   | 150682                                            | 150682                                             | Design Family                                                                   | 17     |
| BODILY-FLUID SAMPLING DEVICE                                                   | 001368104-0001                                    | 001368104-0001                                     |                                                                                 | 17     |
| BODILY-FLUID SAMPLING DEVICE                                                   | 001368104-0001                                    | 90013681040001                                     |                                                                                 | 17     |
| BODILY-FLUID SAMPLING DEVICE                                                   | 29/434,421                                        | D731,643                                           |                                                                                 | 17     |
| BODILY-FLUID SAMPLING DEVICE                                                   | 156721                                            | 156721                                             |                                                                                 | 17     |
| BODILY-FLUID SAMPLING DEVICE                                                   | 001368104-0002                                    | 001368104-0002                                     |                                                                                 | 17     |
| BODILY-FLUID SAMPLING DEVICE                                                   | 001368104-0002                                    | 90013681040002                                     |                                                                                 | 17     |
| BODILY-FLUID SAMPLING DEVICE                                                   | 29/525,256                                        | D794,779                                           |                                                                                 | 17     |
| BODILY-FLUID SAMPLING DEVICE                                                   | 156722                                            | 156722                                             |                                                                                 | 17     |
| BODILY-FLUID SAMPLING DEVICE                                                   | 001368104-0003                                    | 001368104-0003                                     |                                                                                 | 17     |
| BODILY-FLUID SAMPLING DEVICE                                                   | 001368104-0003                                    | 90013681040003                                     |                                                                                 | 17     |
| BODILY-FLUID SAMPLING DEVICE                                                   | 29/610,102                                        | D841,151                                           |                                                                                 | 17     |
| BODILY-FLUID SAMPLING DEVICE                                                   | 156724                                            | 156724                                             |                                                                                 | 17     |
| BODILY-FLUID SAMPLING DEVICE                                                   | 001368104-0004                                    | 001368104-0004                                     |                                                                                 | 17     |
| BODILY-FLUID SAMPLING DEVICE                                                   | 001368104-0004                                    | 90013681040004                                     |                                                                                 | 17     |
| BODILY-FLUID SAMPLING DEVICE                                                   | 29/680,394                                        |                                                    |                                                                                 | 17     |
| BODILY-FLUID SAMPLING DEVICE                                                   | 156723                                            | 156723                                             |                                                                                 | 17     |
| BODILY-FLUID SAMPLING DEVICE                                                   | 001368104-0005                                    | 001368104-0005                                     |                                                                                 | 17     |
| BODILY-FLUID SAMPLING DEVICE                                                   | 001368104-0005                                    | 90013681040005                                     |                                                                                 | 17     |
| APPARATUS AND METHODS FOR DISINFECTION OF A SPECIMEN CONTAINER                 | 61/947,076                                        |                                                    |                                                                                 | 18     |
| APPARATUS AND METHODS FOR DISINFECTION OF A SPECIMEN CONTAINER                 | 15714987.3                                        | 3113747                                            |                                                                                 | 18     |
| APPARATUS AND METHODS FOR DISINFECTION OF A SPECIMEN CONTAINER                 | 15714987.3                                        | 3113747                                            |                                                                                 | 18     |
| APPARATUS AND METHODS FOR DISINFECTION OF A SPECIMEN CONTAINER                 | 15714987.3                                        | 3113747                                            |                                                                                 | 18     |
| APPARATUS AND METHODS FOR DISINFECTION OF A SPECIMEN CONTAINER                 | 15714987.3                                        | 3113747                                            |                                                                                 | 18     |
| APPARATUS AND METHODS FOR DISINFECTION OF A SPECIMEN CONTAINER                 | 14/636,485                                        | 10,123,783                                         |                                                                                 | 18     |
| APPARATUS AND METHODS FOR DISINFECTION OF A SPECIMEN CONTAINER                 | PCT/US2015/018397                                 |                                                    |                                                                                 | 18     |
| APPARATUS AND METHODS FOR DISINFECTION OF A SPECIMEN CONTAINER                 | 19207241.1                                        |                                                    |                                                                                 | 18     |
| APPARATUS AND METHODS FOR DISINFECTION OF A SPECIMEN CONTAINER                 | 16/146,251                                        | 11,589,843                                         | 11,589,843 cited in Ex. 1004                                                    | 18     |
| APPARATUS AND METHODS FOR DISINFECTION OF A SPECIMEN CONTAINER                 | 23152984.3                                        |                                                    |                                                                                 | 18     |
| SYSTEMS AND METHODS FOR SAMPLE COLLECTION WITH REDUCED HEMOLYSIS               | 62/250,612                                        |                                                    | No non-provisional applications found                                           | -      |
| SYSTEMS AND METHODS FOR SAMPLE COLLECTION WITH REDUCED HEMOLYSIS               | 62/423,993                                        |                                                    |                                                                                 | 19     |
| SYSTEMS AND METHODS FOR SAMPLE COLLECTION WITH REDUCED HEMOLYSIS               | 17872587.5                                        | 3541284                                            |                                                                                 | 19     |
| SYSTEMS AND METHODS FOR SAMPLE COLLECTION WITH REDUCED HEMOLYSIS               | 17872587.5                                        | 3541284                                            |                                                                                 | 19     |
| SYSTEMS AND METHODS FOR SAMPLE COLLECTION WITH REDUCED HEMOLYSIS               | 17872587.5                                        | 3541284                                            |                                                                                 | 19     |
| SYSTEMS AND METHODS FOR SAMPLE COLLECTION WITH REDUCED HEMOLYSIS               | 17872587.5                                        | 3541284                                            |                                                                                 | 19     |
| SYSTEMS AND METHODS FOR SAMPLE COLLECTION WITH REDUCED HEMOLYSIS               | 15/818,173                                        |                                                    | 2018/0140240 cited in Ex. 1004                                                  | 19     |
| SYSTEMS AND METHODS FOR SAMPLE COLLECTION WITH REDUCED HEMOLYSIS               | PCT/US2017/062491                                 |                                                    |                                                                                 | 19     |
| SYSTEMS AND METHODS FOR SAMPLE COLLECTION WITH REDUCED HEMOLYSIS               | 23156048                                          |                                                    |                                                                                 | 19     |
| DEVICES AND METHODS FOR SYRINGE BASED FLUID TRANSFER FOR BODILY-FLUID SAMPLING | 62/174,890                                        |                                                    |                                                                                 | 12     |
| APPARATUS FOR SYRINGE-BASED FLUID TRANSFER FOR BODILY-FLUID SAMPLING           | 16808502.5                                        | 3307359                                            |                                                                                 | 12     |
| APPARATUS FOR SYRINGE-BASED FLUID TRANSFER FOR BODILY-FLUID SAMPLING           | 16808502.5                                        | 3307359                                            |                                                                                 | 12     |
| APPARATUS FOR SYRINGE-BASED FLUID TRANSFER FOR BODILY-FLUID SAMPLING           | 16808502.5                                        | 3307359                                            |                                                                                 | 12     |
| APPARATUS FOR SYRINGE-BASED FLUID TRANSFER FOR BODILY-FLUID SAMPLING           | 16808502.5                                        | 3307359                                            |                                                                                 | 12     |
| DEVICES AND METHODS FOR SYRINGE BASED FLUID TRANSFER FOR BODILY-FLUID SAMPLING | 15/180,454                                        | 11,234,626                                         | 11,234,626 cited in Ex. 1004                                                    | 12     |
| DEVICES AND METHODS FOR SYRINGE-BASED FLUID TRANSFER FOR BODILY-FLUID SAMPLING | PCT/US2016/037160                                 |                                                    |                                                                                 | 12     |
| DEVICES AND METHODS FOR SYRINGE-BASED FLUID TRANSFER FOR BODILY-FLUID SAMPLING | 20176877.7                                        | 3769681                                            |                                                                                 | 12     |
| DEVICES AND METHODS FOR SYRINGE-BASED FLUID TRANSFER FOR BODILY-FLUID SAMPLING | 20176877.7                                        | 3769681                                            |                                                                                 | 12     |
| DEVICES AND METHODS FOR SYRINGE-BASED FLUID TRANSFER FOR BODILY-FLUID SAMPLING | 20176877.7                                        | 3769681                                            |                                                                                 | 12     |
| DEVICES AND METHODS FOR SYRINGE-BASED FLUID TRANSFER FOR BODILY-FLUID SAMPLING | 20176877.7                                        | 3769681                                            |                                                                                 | 12     |
| DEVICES AND METHODS FOR SYRINGE-BASED FLUID TRANSFER FOR BODILY-FLUID SAMPLING | 17/559,081                                        |                                                    |                                                                                 | 12     |
| DEVICES AND METHODS FOR SYRINGE-BASED FLUID TRANSFER FOR BODILY-FLUID SAMPLING | 22158983.1                                        |                                                    |                                                                                 | 12     |
| DEVICES AND METHODS FOR VERIFYING A SAMPLE VOLUME                              | 62/157,145                                        |                                                    |                                                                                 | 13     |
| DEVICES FOR VERIFYING A SAMPLE VOLUME                                          | 16790058.8                                        | 3292382                                            |                                                                                 | 13     |
| DEVICES FOR VERIFYING A SAMPLE VOLUME                                          | 16790058.8                                        | 3292382                                            |                                                                                 | 13     |
| DEVICES FOR VERIFYING A SAMPLE VOLUME                                          | 16790058.8                                        | 3292382                                            |                                                                                 | 13     |
| DEVICES FOR VERIFYING A SAMPLE VOLUME                                          | 16790058.8                                        | 3292382                                            |                                                                                 | 13     |
| DEVICES AND METHODS FOR VERIFYING A SAMPLE VOLUME                              | 15/146,967                                        | 10,194,853                                         |                                                                                 | 13     |
| DEVICES AND METHODS FOR VERIFYING A SAMPLE VOLUME                              | PCT/US2016/030888                                 |                                                    |                                                                                 | 13     |
| METHOD FOR VERIFYING A SAMPLE VOLUME                                           | 602016062265.3                                    | 3667261                                            |                                                                                 | 13     |
| METHOD FOR VERIFYING A SAMPLE VOLUME                                           | 19211307.4                                        | 3667261                                            |                                                                                 | 13     |
| METHOD FOR VERIFYING A SAMPLE VOLUME                                           | 19211307.4                                        | 3667261                                            |                                                                                 | 13     |
| METHOD FOR VERIFYING A SAMPLE VOLUME                                           | 19211307.4                                        | 3667261                                            |                                                                                 | 13     |

| Title/Mark (from original Letter (Ex. 1041))                            | Application No. (from original Letter (Ex. 1041)) | Registration No. (from original Letter (Ex. 1041)) | Cited in Ex. 1004 (Certified Prosecution History of U.S. Patent No. 12,138,052) | Family |
|-------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|--------|
| DEVICES AND METHODS FOR VERIFYING A SAMPLE VOLUME                       | 16/227,676                                        | 11,612,340                                         | 11,612,340 cited in Ex. 1004                                                    | 13     |
| DEVICES AND METHODS FOR VERIFYING A SAMPLE VOLUME                       | 21184923.7                                        |                                                    |                                                                                 | 13     |
| SYSTEMS AND METHODS FOR VERIFYING SAMPLE VOLUMES                        |                                                   |                                                    |                                                                                 | -      |
| DEVICES AND METHODS FOR BODILY FLUID COLLECTION AND DISTRIBUTION        | 62/802,999                                        |                                                    | 11,786,155 cited in Ex. 1004                                                    | 3      |
| DEVICES AND METHODS FOR BODILY FLUID COLLECTION AND DISTRIBUTION        | 2020218544                                        |                                                    |                                                                                 | 3      |
| DEVICES AND METHODS FOR BODILY FLUID COLLECTION AND DISTRIBUTION        | 3129065                                           |                                                    |                                                                                 | 3      |
| DEVICES AND METHODS FOR BODILY FLUID COLLECTION AND DISTRIBUTION        | 202080025953.7                                    |                                                    |                                                                                 | 3      |
| DEVICES AND METHODS FOR BODILY FLUID COLLECTION AND DISTRIBUTION        | 20709440.0                                        |                                                    |                                                                                 | 3      |
| DEVICES AND METHODS FOR BODILY FLUID COLLECTION AND DISTRIBUTION        | 285289                                            |                                                    |                                                                                 | 3      |
| DEVICES AND METHODS FOR BODILY FLUID COLLECTION AND DISTRIBUTION        | 2021-546225                                       |                                                    |                                                                                 | 3      |
| DEVICES AND METHODS FOR BODILY FLUID COLLECTION AND DISTRIBUTION        | 16/785,170                                        | 11,786,155                                         |                                                                                 | 3      |
| DEVICES AND METHODS FOR BODILY FLUID COLLECTION AND DISTRIBUTION        | PCT/US2020/017261                                 |                                                    |                                                                                 | 3      |
| APPARATUS AND METHODS FOR MAINTAINING STERILITY OF A SPECIMEN CONTAINER | 62/213,875                                        |                                                    | 10,624,977 cited in Ex. 1004                                                    | 1      |
| APPARATUS AND METHODS FOR MAINTAINING STERILITY OF A SPECIMEN CONTAINER |                                                   |                                                    |                                                                                 | 1      |
| APPARATUS AND METHODS FOR MAINTAINING STERILITY OF A SPECIMEN CONTAINER | 201680063013.0                                    | ZL 201680063013.0                                  |                                                                                 | 1      |
| SYSTEM FOR MAINTAINING STERILITY OF A SPECIMEN CONTAINER                | 16843182.3                                        | 3344213                                            |                                                                                 | 1      |
| SYSTEM FOR MAINTAINING STERILITY OF A SPECIMEN CONTAINER                | 16843182.3                                        | 3344213                                            |                                                                                 | 1      |
| SYSTEM FOR MAINTAINING STERILITY OF A SPECIMEN CONTAINER                | 16843182.3                                        | 3344213                                            |                                                                                 | 1      |
| SYSTEM FOR MAINTAINING STERILITY OF A SPECIMEN CONTAINER                | 16843182.3                                        | 3344213                                            |                                                                                 | 1      |
| APPARATUS AND METHODS FOR MAINTAINING STERILITY OF A SPECIMEN CONTAINER | 15/257,185                                        | 9,950,084                                          |                                                                                 | 1      |
| APPARATUS AND METHODS FOR MAINTAINING STERILITY OF A SPECIMEN CONTAINER | PCT/US2016/050380                                 |                                                    |                                                                                 | 1      |
| APPARATUS AND METHODS FOR MAINTAINING STERILITY OF A SPECIMEN CONTAINER | 202011295348.X                                    |                                                    |                                                                                 | 1      |
| APPARATUS AND METHODS FOR MAINTAINING STERILITY OF A SPECIMEN CONTAINER | 20167572.5                                        |                                                    | 2022/0151525 cited in Ex. 1004                                                  | 1      |
| APPARATUS AND METHODS FOR MAINTAINING STERILITY OF A SPECIMEN CONTAINER | 15/925,159                                        | 10,624,977                                         |                                                                                 | 1      |
| APPARATUS AND METHODS FOR MAINTAINING STERILITY OF A SPECIMEN CONTAINER | 16/815,521                                        |                                                    |                                                                                 | 1      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 62/517,681                                        |                                                    |                                                                                 | 2      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | AU2018279941                                      |                                                    |                                                                                 | 2      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | CA3066670                                         |                                                    |                                                                                 | 2      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | CN201880050862.1                                  |                                                    |                                                                                 | 2      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | EP18813278.1                                      |                                                    |                                                                                 | 2      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | IL271054                                          |                                                    |                                                                                 | 2      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | JP2020-517772                                     |                                                    |                                                                                 | 2      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 16/004,955                                        |                                                    | 2022/0151525 cited in Ex. 1004                                                  | 2      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | PCT/US2018/036910                                 |                                                    |                                                                                 | 2      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | EP21197514.9                                      |                                                    |                                                                                 | 2      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 17/403,500                                        | 12,478,301                                         |                                                                                 | 2      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 62/557,530                                        |                                                    |                                                                                 | 4      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 62/634,569                                        |                                                    |                                                                                 | 4      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 62/678,632                                        |                                                    |                                                                                 | 4      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 2018334138                                        |                                                    |                                                                                 | 4      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 3074105                                           |                                                    |                                                                                 | 4      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 201880066848.0                                    |                                                    |                                                                                 | 4      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 18855938.9                                        | 3681384                                            | WO2019/055487 cited in Ex. 1004                                                 | 4      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 18855938.9                                        | 3681384                                            |                                                                                 | 4      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 18855938.9                                        | 3681384                                            |                                                                                 | 4      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 18855938.9                                        | 3681384                                            |                                                                                 | 4      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 18855938.9                                        | 3681384                                            |                                                                                 | 4      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 18855938.9                                        | 3681384                                            |                                                                                 | 4      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 18855938.9                                        | 3681384                                            |                                                                                 | 4      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 273025                                            |                                                    |                                                                                 | 4      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 202017008581                                      |                                                    |                                                                                 | 4      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 18855938.9                                        | 3681384                                            |                                                                                 | 4      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 2020-511930                                       | 7204742                                            | WO2019/055487 cited in Ex. 1004                                                 | 4      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 16/129,066                                        | 11,076,787                                         |                                                                                 | 4      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | PCT/US2018/050621                                 | WO2019/055487                                      |                                                                                 | 4      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 22210589.2                                        |                                                    |                                                                                 | 4      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 2022-212405                                       |                                                    |                                                                                 | 4      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 17/390,249                                        |                                                    |                                                                                 | 4      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 17/883,339                                        | 11,529,081                                         |                                                                                 | 4      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 17/883,340                                        | 11,547,332                                         |                                                                                 | 4      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 62/595,871                                        |                                                    |                                                                                 | 5      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 62/687,951                                        |                                                    |                                                                                 | 5      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 3087992                                           |                                                    |                                                                                 | 5      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 201880088771.7                                    | ZL201880088771.7                                   |                                                                                 | 5      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                     | 18885543.1                                        |                                                    |                                                                                 | 5      |

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|---------------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|--------|
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | 2020-550048                                       |                                                    |                                                                                 | 5      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | 16/213,005                                        | 11,419,531                                         | 11,419,531 cited in Ex. 1004                                                    | 5      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | PCT/US2018/064561                                 |                                                    |                                                                                 | 5      |
| FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING                                   |                                                   |                                                    |                                                                                 | -      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | 202211135204.7                                    |                                                    |                                                                                 | 5      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | 2023-020540                                       |                                                    |                                                                                 | 5      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | 62/639,572                                        |                                                    |                                                                                 | 2      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | 62/678,637                                        |                                                    |                                                                                 | 6      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | 3101972                                           |                                                    |                                                                                 | 6      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | 602019014910.7                                    | 3801258                                            |                                                                                 | 6      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | 19731491.7                                        | 3801258                                            |                                                                                 | 6      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | 19731491.7                                        | 3801258                                            |                                                                                 | 6      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | 19731491.7                                        | 3801258                                            |                                                                                 | 6      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   |                                                   |                                                    |                                                                                 | 6      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | 16/426,380                                        |                                                    | 2019/0365303 cited in Ex. 1004                                                  | 6      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | PCT/US2019/034626                                 |                                                    |                                                                                 | 6      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | 22172183.0                                        |                                                    |                                                                                 | 6      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | 17/516,887                                        |                                                    |                                                                                 | 6      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | 17/591,237                                        |                                                    |                                                                                 | 6      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | 17/591,239                                        |                                                    |                                                                                 | 6      |
| FLUID CONTROL DEVICE                                                                  | 29/657,117                                        | D923,171                                           | Design Family                                                                   | 7      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | 62/816,477                                        |                                                    |                                                                                 | 8      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | 2020234829                                        |                                                    |                                                                                 | 8      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | 3132981                                           |                                                    |                                                                                 | 8      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | 202080033513.6                                    |                                                    |                                                                                 | 8      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   |                                                   |                                                    |                                                                                 | 8      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | 20716348.6                                        |                                                    |                                                                                 | 8      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | 286263                                            |                                                    |                                                                                 | 8      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | 2021-552145                                       |                                                    |                                                                                 | 8      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | 16/815,526                                        |                                                    | 2020/0289039 cited in Ex. 1004                                                  | 8      |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   | PCT/US2020/022125                                 |                                                    |                                                                                 | 8      |
| FLUID TRANSFER DEVICES WITH INTEGRATED FLOW-BASED ASSAY AND METHODS OF USING THE SAME | 62/946,680                                        |                                                    |                                                                                 | 10     |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   |                                                   |                                                    |                                                                                 | -      |
| FLUID TRANSFER DEVICES WITH INTEGRATED FLOW-BASED ASSAY AND METHODS OF USING THE SAME | 2020399801                                        |                                                    |                                                                                 | 10     |
| FLUID TRANSFER DEVICES WITH INTEGRATED FLOW-BASED ASSAY AND METHODS OF USING THE SAME | 3164339                                           |                                                    |                                                                                 | 10     |
| FLUID TRANSFER DEVICES WITH INTEGRATED FLOW-BASED ASSAY AND METHODS OF USING THE SAME | 202080094860.X                                    |                                                    |                                                                                 | 10     |
| FLUID TRANSFER DEVICES WITH INTEGRATED FLOW-BASED ASSAY AND METHODS OF USING THE SAME | 20838806.6                                        |                                                    |                                                                                 | 10     |
| FLUID TRANSFER DEVICES WITH INTEGRATED FLOW-BASED ASSAY AND METHODS OF USING THE SAME | 2022-534220                                       |                                                    |                                                                                 | 10     |
| FLUID TRANSFER DEVICES WITH INTEGRATED FLOW-BASED ASSAY AND METHODS OF USING THE SAME | 17/119,732                                        | 11789017                                           | 11,789,017 cited in Ex. 1004                                                    | 10     |
| FLUID TRANSFER DEVICES WITH INTEGRATED FLOW-BASED ASSAY AND METHODS OF USING THE SAME | PCT/US2020/064600                                 |                                                    |                                                                                 | 10     |
| UNIVERSAL TRANSFER ADAPTERS AND METHODS OF USING THE SAME                             | 62/986,244                                        |                                                    |                                                                                 | 11     |
| UNIVERSAL TRANSFER ADAPTERS AND METHODS OF USING THE SAME                             | 3174554                                           |                                                    |                                                                                 | 11     |
| UNIVERSAL TRANSFER ADAPTERS AND METHODS OF USING THE SAME                             | 202180032541.0                                    |                                                    |                                                                                 | 11     |
| FLUID CONTROL DEVICES AND METHODS OF USING THE SAME                                   |                                                   |                                                    |                                                                                 | -      |
| UNIVERSAL TRANSFER ADAPTERS AND METHODS OF USING THE SAME                             | 21715060.6                                        |                                                    |                                                                                 | 11     |
| DEVICES AND METHODS FOR VERIFYING A SAMPLE VOLUME                                     |                                                   |                                                    |                                                                                 | -      |
| UNIVERSAL TRANSFER ADAPTERS AND METHODS OF USING THE SAME                             | 2022-552857                                       |                                                    |                                                                                 | 11     |
| UNIVERSAL TRANSFER ADAPTERS AND METHODS OF USING THE SAME                             | 17/193,930                                        |                                                    | 2021/0275068 cited in Ex. 1004                                                  | 11     |
| UNIVERSAL TRANSFER ADAPTERS AND METHODS OF USING THE SAME                             | PCT/US2021/021226                                 |                                                    |                                                                                 | 11     |