

02 Annual Statistics

I. Patent Applications Filed & Disposed

A. General Statistics of Patent Cases (2009-2018)

| Year \ Item | Application | Approval | Certificate Issued | Grant |
|-------------|-------------|----------|--------------------|--------|
| 2009 | 78,352 | 0 | 43,749 | 43,728 |
| 2010 | 80,380 | 0 | 45,973 | 46,023 |
| 2011 | 82,824 | 0 | 50,313 | 50,305 |
| 2012 | 85,074 | 0 | 56,611 | 56,608 |
| 2013 | 83,211 | 0 | 72,147 | 72,142 |
| 2014 | 78,015 | 0 | 76,258 | 76,252 |
| 2015 | 73,627 | 0 | 78,089 | 78,087 |
| 2016 | 72,442 | 0 | 76,406 | 76,406 |
| 2017 | 73,791 | 0 | 71,878 | 71,877 |
| 2018 | 73,421 | 0 | 62,193 | 62,193 |

Note: "Application" is the number of applications for each individual year. "Approval" is the number of published approvals. This system was replaced by the patent granted system on July 1, 2004, which issues a certificate at the same time the approval is published. "Certificate Issued" is the number of certificates actually being issued.

B. Statistics on Patent from 2009 to 2018

1. Patent Cases Filed & Disposed

| Year \ Item | Application | Reexamination | Invalidation | Assignment | Licensing |
|-------------|-------------|---------------|--------------|------------|-----------|
| 2009 | 78,352 | 2,308 | 978 | 4,316 | 140 |
| 2010 | 80,380 | 2,869 | 950 | 3,824 | 164 |
| 2011 | 82,824 | 3,439 | 792 | 4,368 | 116 |
| 2012 | 85,074 | 4,541 | 828 | 4,924 | 647 |
| 2013 | 83,211 | 6,421 | 660 | 4,735 | 188 |
| 2014 | 78,015 | 7,154 | 616 | 4,745 | 116 |
| 2015 | 73,627 | 6,871 | 602 | 5,965 | 63 |
| 2016 | 72,442 | 6,329 | 548 | 6,621 | 107 |
| 2017 | 73,791 | 5,448 | 525 | 6,176 | 137 |
| 2018 | 73,421 | 4,513 | 567 | 5,886 | 111 |

Note: 1. The figures for "Application," "Reexamination," and "Invalidation" are the total number of cases applied each year.
 2. The figures for "Assignment" and "Licensing" are the total number of cases concluded each year.
 3. The examination of utility model patents was changed to formality examination starting July 1, 2004. Therefore, no more reexamination requests were filed since then.

2. Invention Patent Applications Filed & Disposed

| Year \ Item | Application | Pre-grant Publication | Request for Examination | Reexamination | Rejection | Grant | Invalidation |
|-------------|-------------|-----------------------|-------------------------|---------------|-----------|--------|--------------|
| 2009 | 46,582 | 52,605 | 40,826 | 2,122 | 8,902 | 14,138 | 233 |
| 2010 | 47,327 | 44,949 | 40,972 | 2,761 | 10,768 | 16,377 | 166 |
| 2011 | 49,919 | 46,154 | 43,411 | 3,311 | 14,875 | 20,025 | 122 |
| 2012 | 51,189 | 51,590 | 44,465 | 4,466 | 20,871 | 25,535 | 154 |
| 2013 | 49,217 | 52,123 | 43,447 | 6,350 | 26,287 | 40,249 | 123 |
| 2014 | 46,379 | 48,715 | 41,252 | 6,973 | 24,349 | 45,601 | 138 |
| 2015 | 44,415 | 47,363 | 40,475 | 6,667 | 21,372 | 48,315 | 122 |
| 2016 | 43,836 | 44,355 | 38,382 | 6,239 | 15,427 | 48,947 | 163 |
| 2017 | 46,122 | 43,676 | 40,124 | 5,343 | 10,383 | 45,710 | 163 |
| 2018 | 47,429 | 44,073 | 41,991 | 4,430 | 8,601 | 36,147 | 145 |

Note: 1. Rejection decisions are rendered after examination and reexamination. "Grants" refer to approved cases that are published and issued certificates at the same time.

2. Pre-grant publication is early publication for new applications.

3. Requests for substantive examination are made every year.

3. Utility Model Patent Applications Filed & Disposed

| Year \ Item | Application | Rejection | Grant | Requests for Technical Evaluation Report | Issuance of Technical Evaluation Report | Invalidation |
|-------------|-------------|-----------|--------|--|---|--------------|
| 2009 | 25,032 | 216 | 23,595 | 2,603 | 1,448 | 703 |
| 2010 | 25,833 | 239 | 23,956 | 2,560 | 2,486 | 738 |
| 2011 | 25,170 | 313 | 24,038 | 2,301 | 2,821 | 622 |
| 2012 | 25,637 | 318 | 24,642 | 2,363 | 2,572 | 621 |
| 2013 | 25,025 | 264 | 24,844 | 2,273 | 2,676 | 481 |
| 2014 | 23,488 | 239 | 23,712 | 2,153 | 2,104 | 422 |
| 2015 | 21,404 | 193 | 22,106 | 1,964 | 2,155 | 406 |
| 2016 | 20,161 | 191 | 19,793 | 1,607 | 2,049 | 329 |
| 2017 | 19,549 | 174 | 19,037 | 1,553 | 2,075 | 314 |
| 2018 | 17,910 | 160 | 18,559 | 1,397 | 1,515 | 368 |

Note: 1. Rejection decisions are rendered after examination and reexamination. "Grants" refer to approved cases that are published and issued certificates at the same time.

2. "Requests for Technical Evaluation Report" are requests for technical evaluation. "Issuance of Technical Evaluation Report" is the number of requests received and technical evaluation reports issued.

4. Design Patent Applications Filed & Disposed

| Year \ Item | Application | Reexamination | Rejection | Grant | Invalidation |
|-------------|-------------|---------------|-----------|-------|--------------|
| 2009 | 6,738 | 186 | 1,094 | 5,995 | 42 |
| 2010 | 7,220 | 108 | 841 | 5,690 | 46 |
| 2011 | 7,735 | 127 | 706 | 6,242 | 48 |
| 2012 | 8,248 | 75 | 630 | 6,431 | 53 |
| 2013 | 8,969 | 70 | 753 | 7,049 | 56 |
| 2014 | 8,148 | 181 | 868 | 6,939 | 56 |
| 2015 | 7,808 | 204 | 877 | 7,666 | 74 |
| 2016 | 8,445 | 90 | 672 | 7,666 | 56 |
| 2017 | 8,120 | 104 | 521 | 7,130 | 48 |
| 2018 | 8,082 | 83 | 643 | 7,487 | 54 |

Note: Rejection decisions are rendered after examination and reexamination. "Grants" refer to approved cases that are published and issued certificates at the same time.

5. Patent Opposition and Invalidation

| Year \ Item | Opposition | | Invalidation | | |
|-------------|------------|--------|--------------|---------------------|--------|
| | Sustained | Denied | Sustained | Partially Sustained | Denied |
| 2009 | 4 | 4 | 694 | 0 | 553 |
| 2010 | 3 | 3 | 503 | 0 | 413 |
| 2011 | 2 | 5 | 469 | 0 | 442 |
| 2012 | 3 | 2 | 462 | 0 | 421 |
| 2013 | 0 | 0 | 425 | 114 | 312 |
| 2014 | 0 | 1 | 360 | 135 | 309 |
| 2015 | 0 | 0 | 294 | 99 | 245 |
| 2016 | 0 | 0 | 277 | 100 | 300 |
| 2017 | 0 | 0 | 310 | 91 | 287 |
| 2018 | 0 | 0 | 266 | 86 | 233 |

Note: 1. The figures are dispositions for patent objections, confirmed invalidations, acquitted invalidations, and partially sustained invalidations of the same year.

2. There are also withdrawals, rejections, and not accepted cases in addition to sustained, acquitted, and partially sustained invalidations.

3. In January 1, 2013, invalidation adopted the system of disposition by claims. Sustained invalidation refers to all claims being sustained in the invalidation request; partially sustained refers to parts of the claims in the invalidation request are sustained, while the remaining parts are either denied or rejected. Denied invalidation refers to all the claims in the invalidation request are denied or parts of them are denied and the remaining parts are rejected.

6. Patent Administrative Appeals, 2009-2018

| Year | Item | Administrative Appeals | | | | | |
|------|------|------------------------|-------------------------------------|--------|---------------------------------|-----------------|--------------------|
| | | Cases Filed | Decisions of Administrative Appeals | | | | |
| | | | Original Decisions Revoked | Others | Administrative Appeals Rejected | Other Disposals | Rate of Revocation |
| 2009 | | 508 | 46 | 0 | 410 | 16 | 9.8% |
| 2010 | | 421 | 39 | 0 | 465 | 15 | 7.5% |
| 2011 | | 378 | 28 | 0 | 342 | 8 | 7.4% |
| 2012 | | 386 | 29 | 0 | 341 | 8 | 7.7% |
| 2013 | | 444 | 37 | 2 | 367 | 8 | 9.4% |
| 2014 | | 426 | 21 | 1 | 390 | 7 | 5.3% |
| 2015 | | 367 | 15 | 4 | 386 | 6 | 4.6% |
| 2016 | | 313 | 14 | 2 | 296 | 6 | 5.0% |
| 2017 | | 288 | 11 | 3 | 284 | 2 | 4.7% |
| 2018 | | 274 | 13 | 1 | 254 | 1 | 5.2% |

Note: 1. The above statistics are based on figures published by the Petitions and Appeals Committee, MOEA.

2. Rejections refer to not accepted and rejection of an appeal decision; others refer to partial rejection and partial cancellation cases; other disposals include withdrawal by the appellant, transfer of jurisdiction, and bundled proceeding.

7. Patent Administrative Litigation Processed by the Intellectual Property Court

| Year | Item | Cases Received | Cases Concluded | | | | | | | |
|------|------|----------------|-----------------|---------------|----------------|---------------------|------------|-------------|--------|-------|
| | | | Withdrawn | Plaintiff Won | Plaintiff Lost | Partially Sustained | Dismissals | Settlements | Others | Total |
| 2009 | | 143 | 4 | 20 | 90 | 11 | 10 | 0 | 0 | 135 |
| 2010 | | 183 | 5 | 42 | 109 | 12 | 5 | 0 | 0 | 173 |
| 2011 | | 135 | 5 | 31 | 102 | 20 | 3 | 0 | 0 | 161 |
| 2012 | | 126 | 5 | 14 | 73 | 7 | 5 | 0 | 1 | 105 |
| 2013 | | 133 | 8 | 16 | 111 | 12 | 1 | 0 | 0 | 148 |
| 2014 | | 122 | 6 | 9 | 86 | 4 | 3 | 0 | 0 | 108 |
| 2015 | | 127 | 3 | 18 | 87 | 14 | 6 | 0 | 0 | 128 |
| 2016 | | 104 | 18 | 17 | 57 | 11 | 4 | 0 | 0 | 107 |
| 2017 | | 103 | 7 | 16 | 62 | 11 | 2 | 0 | 0 | 98 |
| 2018 | | 103 | 6 | 20 | 76 | 8 | 2 | 0 | 0 | 112 |

Note: 1. The above statistics are provided by the Intellectual Property Court.

2. "Plaintiff Won" and "Partially Sustained" include appeals filed against the Ministry of Economic Affairs whose appeal decisions were revoked.

8. Residents and Non-Residents Patent Applications

| Year \ Item | Residents | | | | Non-Residents | | | |
|-------------|-----------|---------------|--------|--------|---------------|---------------|--------|--------|
| | Invention | Utility Model | Design | Total | Invention | Utility Model | Design | Total |
| 2009 | 22,594 | 24,204 | 4,239 | 51,037 | 23,988 | 828 | 2,499 | 27,315 |
| 2010 | 22,790 | 24,813 | 4,268 | 51,871 | 24,537 | 1,020 | 2,952 | 28,509 |
| 2011 | 23,432 | 24,037 | 4,592 | 52,061 | 26,487 | 1,133 | 3,143 | 30,763 |
| 2012 | 22,949 | 24,378 | 4,955 | 52,282 | 28,240 | 1,259 | 3,293 | 32,792 |
| 2013 | 21,633 | 23,769 | 5,133 | 50,535 | 27,584 | 1,256 | 3,836 | 32,676 |
| 2014 | 18,988 | 22,113 | 4,672 | 45,773 | 27,391 | 1,375 | 3,476 | 32,242 |
| 2015 | 17,262 | 20,132 | 4,450 | 41,844 | 27,153 | 1,272 | 3,358 | 31,783 |
| 2016 | 16,866 | 18,998 | 4,579 | 40,443 | 26,970 | 1,163 | 3,866 | 31,999 |
| 2017 | 18,199 | 18,343 | 4,293 | 40,835 | 27,923 | 1,206 | 3,827 | 32,956 |
| 2018 | 18,365 | 16,661 | 4,252 | 39,278 | 29,064 | 1,249 | 3,830 | 34,143 |

9. Residents and Non-Residents Patent Grants

| Year \ Item | Residents | | | | Non-Residents | | | |
|-------------|-----------|---------------|--------|--------|---------------|---------------|--------|--------|
| | Invention | Utility Model | Design | Total | Invention | Utility Model | Design | Total |
| 2009 | 7,392 | 22,712 | 3,179 | 33,283 | 6,746 | 883 | 2,816 | 10,445 |
| 2010 | 8,367 | 23,107 | 3,451 | 34,925 | 8,010 | 849 | 2,239 | 11,098 |
| 2011 | 10,035 | 23,024 | 3,708 | 36,767 | 9,990 | 1,014 | 2,534 | 13,538 |
| 2012 | 12,140 | 23,482 | 3,929 | 39,551 | 13,395 | 1,160 | 2,502 | 17,057 |
| 2013 | 19,532 | 23,617 | 4,229 | 47,378 | 20,717 | 1,227 | 2,820 | 24,764 |
| 2014 | 21,261 | 22,458 | 4,023 | 47,742 | 24,340 | 1,254 | 2,916 | 28,510 |
| 2015 | 21,401 | 20,787 | 4,258 | 46,446 | 26,914 | 1,319 | 3,408 | 31,641 |
| 2016 | 21,178 | 18,608 | 4,185 | 43,971 | 27,769 | 1,185 | 3,481 | 32,435 |
| 2017 | 18,569 | 17,934 | 3,629 | 40,132 | 27,141 | 1,103 | 3,501 | 31,745 |
| 2018 | 14,651 | 17,270 | 3,903 | 35,824 | 21,496 | 1,289 | 3,584 | 26,369 |

Note: The patent granted system issues the certificate at the same time the approval is published. This system took effect on July 1, 2004.

C. Statistics on Patent by Classification

1. Invention Applications and Grants by Classification in Past 3 Years

| Classification | Application | | | Grant | | |
|----------------|-------------|-------|-------|-------|-------|-------|
| | 2015 | 2016 | 2017 | 2016 | 2017 | 2018 |
| A01 | 353 | 347 | 373 | 281 | 364 | 277 |
| A21 | 21 | 22 | 30 | 18 | 24 | 11 |
| A22 | 0 | 2 | 4 | 7 | 2 | 1 |
| A23 | 243 | 273 | 263 | 181 | 217 | 165 |
| A24 | 93 | 77 | 116 | 31 | 64 | 79 |
| A41 | 70 | 61 | 62 | 28 | 42 | 40 |
| A42 | 11 | 18 | 18 | 8 | 11 | 13 |
| A43 | 111 | 129 | 135 | 64 | 109 | 141 |
| A44 | 96 | 98 | 127 | 155 | 103 | 118 |
| A45 | 88 | 98 | 104 | 69 | 91 | 79 |
| A46 | 28 | 30 | 28 | 46 | 14 | 9 |
| A47 | 429 | 520 | 616 | 463 | 420 | 419 |
| A61 | 2,280 | 2,390 | 2,540 | 2,031 | 2,237 | 1,639 |
| A62 | 52 | 47 | 73 | 59 | 49 | 37 |
| A63 | 323 | 331 | 304 | 284 | 340 | 254 |
| A99 | 1 | 1 | 1 | 0 | 0 | 0 |
| B01 | 478 | 452 | 457 | 472 | 441 | 454 |
| B02 | 21 | 18 | 13 | 21 | 22 | 9 |
| B03 | 11 | 10 | 12 | 11 | 8 | 7 |
| B04 | 7 | 4 | 3 | 16 | 6 | 3 |
| B05 | 208 | 185 | 206 | 240 | 270 | 151 |
| B06 | 7 | 6 | 2 | 5 | 3 | 4 |
| B07 | 14 | 15 | 11 | 9 | 26 | 12 |
| B08 | 78 | 81 | 105 | 76 | 70 | 47 |
| B09 | 14 | 21 | 18 | 25 | 23 | 13 |
| B21 | 132 | 148 | 125 | 161 | 203 | 148 |
| B22 | 87 | 94 | 67 | 82 | 103 | 66 |
| B23 | 472 | 500 | 490 | 492 | 585 | 488 |
| B24 | 247 | 205 | 228 | 191 | 291 | 204 |
| B25 | 383 | 414 | 392 | 371 | 443 | 352 |
| B26 | 53 | 56 | 55 | 59 | 64 | 41 |
| B27 | 11 | 17 | 25 | 18 | 21 | 17 |

| Classification | Application | | | Grant | | |
|----------------|-------------|-------|-------|-------|-------|-------|
| | 2015 | 2016 | 2017 | 2016 | 2017 | 2018 |
| B28 | 36 | 41 | 31 | 20 | 39 | 39 |
| B29 | 506 | 439 | 472 | 357 | 487 | 479 |
| B30 | 15 | 19 | 10 | 11 | 30 | 11 |
| B31 | 10 | 5 | 8 | 8 | 6 | 7 |
| B32 | 721 | 675 | 680 | 572 | 564 | 534 |
| B33 | 10 | 3 | 4 | 2 | 1 | 7 |
| B41 | 226 | 174 | 169 | 210 | 200 | 188 |
| B42 | 18 | 9 | 12 | 16 | 13 | 8 |
| B43 | 20 | 21 | 32 | 14 | 27 | 20 |
| B44 | 23 | 17 | 25 | 31 | 24 | 13 |
| B60 | 360 | 341 | 413 | 399 | 410 | 346 |
| B61 | 24 | 30 | 25 | 42 | 24 | 27 |
| B62 | 454 | 455 | 477 | 486 | 498 | 415 |
| B63 | 43 | 39 | 40 | 31 | 47 | 32 |
| B64 | 25 | 28 | 41 | 16 | 21 | 45 |
| B65 | 619 | 622 | 682 | 703 | 693 | 568 |
| B66 | 74 | 70 | 50 | 48 | 74 | 70 |
| B67 | 19 | 18 | 16 | 13 | 25 | 20 |
| B68 | 3 | 0 | 1 | 1 | 4 | 1 |
| B81 | 45 | 90 | 71 | 45 | 61 | 57 |
| B82 | 52 | 34 | 47 | 71 | 45 | 45 |
| C01 | 309 | 309 | 322 | 348 | 282 | 292 |
| C02 | 129 | 153 | 161 | 173 | 131 | 112 |
| C03 | 418 | 381 | 362 | 310 | 363 | 314 |
| C04 | 127 | 135 | 141 | 141 | 151 | 86 |
| C05 | 20 | 18 | 17 | 8 | 10 | 15 |
| C06 | 1 | 1 | 1 | 1 | 0 | 0 |
| C07 | 1,804 | 1,809 | 1,735 | 1,316 | 1,341 | 1,266 |
| C08 | 1,788 | 1,849 | 1,945 | 1,603 | 1,575 | 1,344 |
| C09 | 1,477 | 1,412 | 1,385 | 1,182 | 1,180 | 1,074 |
| C10 | 79 | 55 | 57 | 86 | 71 | 53 |
| C11 | 54 | 73 | 89 | 65 | 68 | 49 |
| C12 | 319 | 386 | 438 | 297 | 288 | 272 |

| Classification | Application | | | Grant | | |
|----------------|-------------|------|------|-------|------|------|
| | 2015 | 2016 | 2017 | 2016 | 2017 | 2018 |
| C13 | 1 | 1 | 5 | 0 | 0 | 2 |
| C14 | 1 | 3 | 1 | 7 | 3 | 1 |
| C21 | 44 | 58 | 52 | 57 | 76 | 51 |
| C22 | 281 | 350 | 293 | 343 | 276 | 259 |
| C23 | 678 | 666 | 671 | 747 | 676 | 551 |
| C25 | 179 | 166 | 192 | 214 | 198 | 131 |
| C30 | 93 | 107 | 98 | 127 | 98 | 90 |
| C40 | 1 | 2 | 4 | 2 | 1 | 2 |
| D01 | 68 | 70 | 72 | 85 | 90 | 75 |
| D02 | 25 | 14 | 31 | 9 | 20 | 11 |
| D03 | 33 | 42 | 33 | 23 | 31 | 36 |
| D04 | 63 | 71 | 71 | 56 | 76 | 58 |
| D05 | 63 | 48 | 47 | 57 | 71 | 48 |
| D06 | 87 | 121 | 136 | 97 | 76 | 106 |
| D07 | 4 | 0 | 2 | 0 | 0 | 1 |
| D21 | 31 | 30 | 29 | 33 | 29 | 29 |
| D99 | 0 | 0 | 0 | 1 | 0 | 0 |
| E01 | 20 | 21 | 29 | 23 | 33 | 25 |
| E02 | 36 | 40 | 42 | 53 | 67 | 41 |
| E03 | 62 | 60 | 83 | 48 | 69 | 52 |
| E04 | 144 | 167 | 188 | 145 | 207 | 119 |
| E05 | 134 | 121 | 178 | 165 | 112 | 127 |
| E06 | 83 | 95 | 116 | 104 | 84 | 94 |
| E21 | 5 | 3 | 11 | 11 | 12 | 5 |
| F01 | 64 | 49 | 62 | 33 | 66 | 57 |
| F02 | 91 | 50 | 63 | 65 | 99 | 64 |
| F03 | 126 | 130 | 115 | 88 | 87 | 64 |
| F04 | 181 | 234 | 234 | 258 | 203 | 233 |
| F15 | 21 | 22 | 32 | 13 | 26 | 28 |
| F16 | 626 | 663 | 670 | 770 | 671 | 554 |
| F17 | 18 | 21 | 21 | 23 | 27 | 27 |
| F21 | 276 | 209 | 180 | 388 | 366 | 201 |
| F22 | 8 | 8 | 3 | 14 | 11 | 5 |

| Classification | Application | | | Grant | | |
|----------------|-------------|-------|-------|-------|-------|-------|
| | 2015 | 2016 | 2017 | 2016 | 2017 | 2018 |
| F23 | 56 | 43 | 61 | 69 | 55 | 61 |
| F24 | 160 | 223 | 260 | 205 | 233 | 221 |
| F25 | 73 | 84 | 92 | 93 | 101 | 84 |
| F26 | 21 | 14 | 29 | 26 | 16 | 26 |
| F27 | 36 | 26 | 24 | 57 | 39 | 45 |
| F28 | 124 | 78 | 106 | 114 | 156 | 107 |
| F41 | 28 | 44 | 25 | 39 | 42 | 26 |
| F42 | 2 | 5 | 2 | 3 | 4 | 6 |
| G01 | 1,714 | 1,742 | 1,782 | 1,419 | 1,737 | 1,606 |
| G02 | 1,602 | 1,461 | 1,492 | 1,926 | 1,851 | 1,406 |
| G03 | 1,021 | 1,023 | 1,091 | 1,051 | 1,253 | 963 |
| G04 | 50 | 43 | 27 | 33 | 42 | 29 |
| G05 | 283 | 317 | 343 | 301 | 309 | 210 |
| G06 | 4,882 | 4,177 | 4,868 | 5,485 | 4,370 | 3,389 |
| G07 | 67 | 81 | 66 | 37 | 66 | 62 |
| G08 | 213 | 178 | 218 | 156 | 166 | 165 |
| G09 | 523 | 476 | 475 | 855 | 704 | 445 |
| G10 | 152 | 142 | 161 | 176 | 238 | 113 |
| G11 | 633 | 527 | 679 | 932 | 770 | 618 |
| G12 | 4 | 2 | 6 | 2 | 4 | 6 |
| G16 | 9 | 4 | 14 | 0 | 0 | 3 |
| G21 | 26 | 30 | 24 | 33 | 28 | 29 |
| G99 | 1 | 1 | 0 | 0 | 1 | 0 |
| H01 | 7,166 | 7,465 | 7,567 | 9,868 | 8,591 | 6,467 |
| H02 | 1,050 | 982 | 983 | 1,354 | 1,014 | 770 |
| H03 | 438 | 382 | 535 | 785 | 552 | 393 |
| H04 | 2,612 | 2,671 | 2,935 | 3,907 | 2,739 | 1,721 |
| H05 | 995 | 903 | 795 | 1,362 | 1,349 | 922 |
| H99 | 0 | 0 | 0 | 0 | 0 | 0 |
| X | 686 | 692 | 736 | 0 | 0 | 0 |

Note: In consideration of the time period differentiated between application collection and classification, patent application figures may not be available by the publication deadline for the annual report. Therefore, figures from the past three years are used as the basis of the said statistics.

2. Utility Model Applications and Grants by Classification in Past 3 Years

| Classification | Application | | | Grant | | |
|----------------|-------------|-------|-------|-------|-------|-------|
| | 2015 | 2016 | 2017 | 2016 | 2017 | 2018 |
| A01 | 700 | 669 | 728 | 621 | 729 | 609 |
| A21 | 65 | 71 | 64 | 60 | 72 | 64 |
| A22 | 6 | 6 | 5 | 4 | 5 | 6 |
| A23 | 151 | 165 | 158 | 139 | 148 | 153 |
| A24 | 10 | 8 | 19 | 8 | 15 | 13 |
| A41 | 254 | 251 | 241 | 239 | 237 | 261 |
| A42 | 86 | 84 | 70 | 92 | 62 | 67 |
| A43 | 229 | 230 | 221 | 234 | 208 | 196 |
| A44 | 95 | 91 | 106 | 87 | 107 | 91 |
| A45 | 578 | 567 | 505 | 574 | 518 | 446 |
| A46 | 44 | 45 | 24 | 41 | 39 | 24 |
| A47 | 1,730 | 1,688 | 1,547 | 1,685 | 1,508 | 1,399 |
| A61 | 1,228 | 1,274 | 1,261 | 1,214 | 1,229 | 1,177 |
| A62 | 120 | 127 | 124 | 113 | 126 | 121 |
| A63 | 651 | 587 | 572 | 596 | 555 | 506 |
| A99 | 0 | 0 | 2 | 0 | 0 | 0 |
| B01 | 272 | 261 | 261 | 263 | 254 | 233 |
| B02 | 18 | 20 | 19 | 20 | 14 | 16 |
| B03 | 5 | 8 | 4 | 9 | 4 | 2 |
| B04 | 3 | 7 | 5 | 6 | 5 | 3 |
| B05 | 114 | 113 | 102 | 121 | 112 | 82 |
| B06 | 3 | 0 | 0 | 1 | 0 | 6 |
| B07 | 12 | 18 | 18 | 12 | 17 | 18 |
| B08 | 64 | 54 | 50 | 64 | 45 | 59 |
| B09 | 9 | 11 | 19 | 7 | 11 | 22 |
| B21 | 91 | 95 | 95 | 86 | 100 | 75 |
| B22 | 17 | 27 | 19 | 18 | 30 | 18 |
| B23 | 450 | 404 | 387 | 379 | 409 | 373 |
| B24 | 109 | 110 | 120 | 116 | 111 | 104 |
| B25 | 464 | 422 | 341 | 449 | 339 | 337 |
| B26 | 108 | 97 | 100 | 105 | 89 | 86 |
| B27 | 27 | 43 | 40 | 34 | 37 | 37 |

| Classification | Application | | | Grant | | |
|----------------|-------------|------|------|-------|------|------|
| | 2015 | 2016 | 2017 | 2016 | 2017 | 2018 |
| B28 | 24 | 15 | 10 | 16 | 13 | 12 |
| B29 | 241 | 165 | 159 | 189 | 152 | 153 |
| B30 | 19 | 17 | 10 | 17 | 14 | 7 |
| B31 | 20 | 18 | 5 | 21 | 9 | 6 |
| B32 | 164 | 156 | 142 | 162 | 137 | 123 |
| B33 | 7 | 3 | 5 | 7 | 6 | 2 |
| B41 | 101 | 76 | 70 | 95 | 71 | 70 |
| B42 | 54 | 54 | 63 | 51 | 54 | 50 |
| B43 | 68 | 83 | 76 | 72 | 75 | 68 |
| B44 | 42 | 21 | 38 | 28 | 30 | 39 |
| B60 | 732 | 644 | 537 | 663 | 582 | 517 |
| B61 | 8 | 10 | 12 | 8 | 10 | 6 |
| B62 | 636 | 643 | 562 | 612 | 588 | 475 |
| B63 | 69 | 49 | 52 | 45 | 52 | 46 |
| B64 | 26 | 15 | 22 | 20 | 14 | 24 |
| B65 | 980 | 922 | 913 | 914 | 865 | 886 |
| B66 | 90 | 81 | 90 | 69 | 104 | 75 |
| B67 | 37 | 34 | 29 | 38 | 34 | 22 |
| B68 | 2 | 0 | 0 | 2 | 0 | 0 |
| B81 | 1 | 4 | 9 | 3 | 8 | 4 |
| B82 | 1 | 1 | 3 | 1 | 3 | 2 |
| C01 | 10 | 17 | 24 | 19 | 20 | 24 |
| C02 | 102 | 105 | 105 | 109 | 101 | 101 |
| C03 | 31 | 36 | 21 | 34 | 30 | 18 |
| C04 | 2 | 6 | 4 | 3 | 3 | 2 |
| C05 | 10 | 6 | 10 | 11 | 6 | 7 |
| C06 | 1 | 0 | 0 | 0 | 0 | 0 |
| C07 | 2 | 1 | 1 | 0 | 1 | 0 |
| C08 | 15 | 10 | 8 | 9 | 9 | 11 |
| C09 | 23 | 13 | 19 | 19 | 8 | 15 |
| C10 | 6 | 6 | 6 | 4 | 10 | 3 |
| C11 | 22 | 14 | 19 | 17 | 16 | 13 |
| C12 | 31 | 33 | 31 | 35 | 30 | 24 |

| Classification | Application | | | Grant | | |
|----------------|-------------|------|------|-------|------|------|
| | 2015 | 2016 | 2017 | 2016 | 2017 | 2018 |
| C13 | 0 | 0 | 0 | 0 | 0 | 0 |
| C14 | 0 | 0 | 2 | 0 | 1 | 1 |
| C21 | 12 | 7 | 21 | 9 | 17 | 20 |
| C22 | 5 | 3 | 3 | 2 | 2 | 4 |
| C23 | 42 | 30 | 16 | 29 | 20 | 18 |
| C25 | 63 | 82 | 54 | 75 | 61 | 42 |
| C30 | 2 | 7 | 10 | 5 | 10 | 4 |
| C40 | 0 | 0 | 0 | 0 | 0 | 0 |
| D01 | 11 | 14 | 9 | 13 | 10 | 13 |
| D02 | 12 | 10 | 16 | 10 | 12 | 24 |
| D03 | 37 | 24 | 42 | 38 | 26 | 38 |
| D04 | 56 | 50 | 46 | 51 | 47 | 38 |
| D05 | 50 | 45 | 41 | 46 | 34 | 46 |
| D06 | 89 | 91 | 75 | 97 | 64 | 76 |
| D07 | 6 | 3 | 7 | 6 | 3 | 5 |
| D21 | 14 | 7 | 9 | 13 | 5 | 12 |
| D99 | 1 | 0 | 0 | 1 | 0 | 0 |
| E01 | 33 | 47 | 44 | 44 | 35 | 56 |
| E02 | 46 | 50 | 50 | 46 | 53 | 52 |
| E03 | 129 | 109 | 98 | 114 | 101 | 83 |
| E04 | 381 | 364 | 376 | 360 | 353 | 350 |
| E05 | 236 | 182 | 221 | 209 | 180 | 197 |
| E06 | 231 | 249 | 213 | 224 | 214 | 193 |
| E21 | 1 | 6 | 13 | 2 | 13 | 8 |
| F01 | 35 | 38 | 49 | 39 | 39 | 44 |
| F02 | 82 | 81 | 49 | 70 | 61 | 51 |
| F03 | 102 | 109 | 99 | 91 | 106 | 98 |
| F04 | 207 | 220 | 203 | 200 | 218 | 225 |
| F15 | 11 | 16 | 15 | 7 | 18 | 19 |
| F16 | 862 | 739 | 684 | 773 | 674 | 653 |
| F17 | 18 | 18 | 21 | 12 | 21 | 24 |
| F21 | 424 | 340 | 283 | 353 | 317 | 248 |
| F22 | 9 | 4 | 4 | 7 | 6 | 1 |

| Classification | Application | | | Grant | | |
|----------------|-------------|-------|-------|-------|-------|-------|
| | 2015 | 2016 | 2017 | 2016 | 2017 | 2018 |
| F23 | 55 | 67 | 62 | 58 | 54 | 80 |
| F24 | 362 | 358 | 398 | 324 | 358 | 384 |
| F25 | 64 | 64 | 53 | 66 | 60 | 40 |
| F26 | 21 | 28 | 19 | 27 | 22 | 20 |
| F27 | 14 | 18 | 11 | 16 | 12 | 12 |
| F28 | 64 | 62 | 47 | 69 | 42 | 49 |
| F41 | 72 | 88 | 58 | 80 | 73 | 80 |
| F42 | 11 | 11 | 8 | 5 | 11 | 7 |
| G01 | 436 | 469 | 423 | 464 | 397 | 466 |
| G02 | 426 | 411 | 355 | 427 | 355 | 379 |
| G03 | 128 | 115 | 130 | 128 | 115 | 129 |
| G04 | 38 | 29 | 25 | 31 | 17 | 29 |
| G05 | 44 | 60 | 57 | 49 | 53 | 68 |
| G06 | 1,244 | 1,193 | 1,499 | 1,128 | 1,333 | 1,644 |
| G07 | 50 | 43 | 61 | 40 | 54 | 85 |
| G08 | 202 | 193 | 182 | 193 | 179 | 168 |
| G09 | 194 | 177 | 168 | 182 | 171 | 161 |
| G10 | 62 | 65 | 71 | 55 | 70 | 71 |
| G11 | 79 | 71 | 39 | 68 | 43 | 46 |
| G12 | 2 | 1 | 3 | 2 | 2 | 1 |
| G16 | 0 | 0 | 0 | 0 | 0 | 5 |
| G21 | 1 | 2 | 0 | 1 | 2 | 0 |
| G99 | 0 | 0 | 0 | 0 | 0 | 0 |
| H01 | 1,645 | 1,395 | 1,373 | 1,432 | 1,411 | 1,316 |
| H02 | 488 | 387 | 400 | 404 | 394 | 426 |
| H03 | 26 | 20 | 23 | 27 | 20 | 30 |
| H04 | 434 | 396 | 387 | 382 | 403 | 343 |
| H05 | 586 | 513 | 451 | 499 | 475 | 468 |
| H99 | 0 | 0 | 0 | 0 | 0 | 0 |
| X | 159 | 169 | 191 | 0 | 0 | 0 |

Note: In consideration of the time period differentiated between application collection and classification, patent application figures may not be available by the publication deadline for the annual report. Therefore, figures from the past three years are used as the basis of the said statistics.

3. Design Applications and Grants by Classification in Past 3 Years

| Classification | Application | | | Grant | | |
|----------------|-------------|-------|-------|-------|-------|------|
| | 2015 | 2016 | 2017 | 2016 | 2017 | 2018 |
| 01 | 54 | 45 | 40 | 26 | 36 | 25 |
| 02 | 288 | 371 | 358 | 267 | 339 | 343 |
| 03 | 223 | 245 | 265 | 232 | 192 | 217 |
| 04 | 48 | 61 | 74 | 54 | 50 | 60 |
| 05 | 45 | 55 | 52 | 62 | 30 | 44 |
| 06 | 431 | 456 | 426 | 365 | 290 | 350 |
| 07 | 427 | 413 | 380 | 360 | 376 | 311 |
| 08 | 387 | 393 | 341 | 402 | 334 | 360 |
| 09 | 435 | 604 | 483 | 431 | 468 | 494 |
| 10 | 232 | 207 | 221 | 231 | 191 | 189 |
| 11 | 233 | 283 | 266 | 232 | 224 | 224 |
| 12 | 817 | 1,074 | 813 | 741 | 1,016 | 840 |
| 13 | 464 | 467 | 507 | 477 | 447 | 477 |
| 14 | 891 | 914 | 1,006 | 1,035 | 772 | 870 |
| 15 | 407 | 434 | 494 | 453 | 319 | 441 |
| 16 | 238 | 262 | 255 | 265 | 231 | 221 |
| 17 | 6 | 13 | 9 | 6 | 7 | 13 |
| 18 | 12 | 10 | 37 | 12 | 18 | 30 |
| 19 | 66 | 104 | 94 | 81 | 64 | 100 |
| 20 | 55 | 40 | 27 | 52 | 24 | 26 |
| 21 | 270 | 304 | 257 | 265 | 258 | 259 |
| 22 | 65 | 79 | 41 | 74 | 54 | 55 |
| 23 | 426 | 421 | 419 | 446 | 370 | 419 |
| 24 | 212 | 180 | 176 | 197 | 162 | 149 |
| 25 | 161 | 123 | 139 | 145 | 113 | 136 |
| 26 | 494 | 454 | 434 | 387 | 449 | 450 |
| 27 | 7 | 2 | 11 | 13 | 0 | 6 |
| 28 | 271 | 271 | 301 | 242 | 214 | 279 |
| 29 | 19 | 9 | 20 | 16 | 11 | 22 |
| 30 | 30 | 29 | 55 | 33 | 25 | 50 |
| 31 | 52 | 56 | 39 | 63 | 46 | 27 |
| 32 | 0 | 3 | 0 | 0 | 0 | 0 |

| Classification | Application | | | Grant | | |
|----------------|-------------|------|------|-------|------|------|
| | 2015 | 2016 | 2017 | 2016 | 2017 | 2018 |
| 33 | 0 | 0 | 0 | 0 | 0 | 0 |
| 34 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 | 0 | 0 | 0 | 0 | 0 | 0 |
| 36 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37 | 0 | 0 | 0 | 0 | 0 | 0 |
| 38 | 0 | 0 | 0 | 0 | 0 | 0 |
| 39 | 0 | 0 | 0 | 0 | 0 | 0 |
| 40 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41 | 0 | 0 | 0 | 0 | 0 | 0 |
| 42 | 0 | 0 | 0 | 0 | 0 | 0 |
| 44 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 | 0 | 0 | 0 | 0 | 0 | 0 |
| 46 | 0 | 0 | 0 | 0 | 0 | 0 |
| 47 | 0 | 0 | 0 | 0 | 0 | 0 |
| 48 | 0 | 0 | 0 | 0 | 0 | 0 |
| 49 | 0 | 0 | 0 | 0 | 0 | 0 |
| 50 | 0 | 0 | 0 | 0 | 0 | 0 |
| 99 | 0 | 0 | 0 | 0 | 0 | 0 |
| X | 42 | 62 | 80 | 1 | 0 | 0 |

Note: In consideration of the time period differentiated between application collection and classification, patent application figures may not be available by the publication deadline for the annual report. Therefore, figures from the past three years are used as the basis of the said statistics.

4. Invention Applications by International Patent Classification (IPC) in 2017 (TOP 20)

| Ranking | IPC | IPC Subject | Total |
|---------|------|--|-------|
| 1 | H01L | Semiconductor devices; electric solid state devices not otherwise provided for | 5,550 |
| 2 | G06F | Electric digital data processing | 2,984 |
| 3 | A61K | Preparations for medical, dental, or toilet purposes | 1,266 |
| 4 | G06Q | Electronic commerce | 1,260 |
| 5 | G02B | Optical elements, systems, or apparatus | 935 |
| 6 | H04W | Wireless communication networks | 892 |
| 7 | C07D | Heterocyclic compounds | 840 |
| 8 | G03F | Photomechanical production of textured or patterned surfaces; materials therefor; originals therefor; apparatus specially adapted therefor; exposure apparatus | 818 |
| 9 | H04L | Transmission of digital information | 748 |
| 10 | H04N | Pictorial communication | 738 |
| 11 | B32B | Layered products | 680 |
| 12 | C08L | Compositions of Macromolecular Compounds | 647 |
| 13 | G11C | Static stores | 636 |
| 14 | C23C | Coating metallic material; coating material with metallic material | 627 |
| 15 | G01N | Investigating or analysing materials by determining their chemical or physical properties | 610 |
| 16 | C08G | Macromolecular compounds obtained otherwise than by reactions only involving carbon-to-carbon unsaturated bonds | 538 |
| 17 | H05K | Printed circuits; casings or constructional details of electric apparatus; manufacture of assemblages of electrical components | 522 |
| 18 | H01R | Electrically-conductive connections | 502 |
| 19 | G02F | Liquid crystal display (LCD), electrophoresis display (EPD) | 483 |
| 20 | C09K | Materials for applications not otherwise provided for; applications of materials not otherwise provided for | 473 |

Note: 1. The order of placement is arranged by the number of applications, from most to least.

2. For detailed IPC subject, please refer to International Patent Classification version 2018.01.

3. In consideration of the time period differentiated between application collection and classification, patent application figures may not be available by the publication deadline of the annual report. Therefore, figures from the previous year are used as the basis of the said statistics.

5. Utility Model Applications by International Patent Classification (IPC) in 2017 (TOP 20)

| Ranking | IPC | IPC Subject | Total |
|---------|------|---|-------|
| 1 | G06Q | Electronic commerce | 836 |
| 2 | B65D | Containers for storage or transport of articles or materials | 584 |
| 3 | H01R | Electrically-conductive connections | 558 |
| 4 | G06F | Electric digital data processing | 548 |
| 5 | A47G | Household or table equipment | 482 |
| 6 | H01L | Semiconductor devices; electric solid state devices not otherwise provided for | 385 |
| 7 | H05K | Printed circuits; casings or constructional details of electric apparatus; manufacture of assemblages of electrical components | 359 |
| 8 | A63B | Apparatus for physical training, gymnastics, swimming, climbing, or fencing; ball games; training equipment | 350 |
| 9 | A47J | Kitchen equipment; coffee mills; spice mills; apparatus for making beverages | 338 |
| 10 | A01K | Animal husbandry; care of birds, fishes, insects; fishing; rearing or breeding animals, not otherwise provided for; new breeds of animals | 294 |
| 11 | A01G | Horticulture; cultivation of vegetables, flowers, rice, fruit, vines, hops, or seaweed; forestry; watering | 268 |
| 12 | A61H | Physical therapy apparatus | 239 |
| 13 | B01D | Separation | 226 |
| 14 | A47C | Chairs; sofas; beds | 222 |
| 15 | A61B | Diagnosis; surgery; identification | 200 |
| 16 | A45D | Hairdressing or shaving equipment; manicuring or other cosmetic treatment | 198 |
| 17 | F21V | Lighting devices | 196 |
| 18 | E06B | Shutter | 194 |
| 19 | B23Q | Details, components, or accessories for machine tools | 191 |
| 20 | B25B | Tools or bench devices | 189 |

Note: 1. The order of placement is arranged by the number of applications, from most to least.
 2. For detailed IPC subject, please refer to International Patent Classification version 2018.01.
 3. In consideration of the time period differentiated between application collection and classification, patent application figures may not be available by the publication deadline of the annual report. Therefore, figures from the previous year are used as the basis of the said statistics.

6. Design Applications by International Classification for Industrial Design System (LOC) in 2017 (TOP 20)

| Ranking | LOC | LOC Subject | Total |
|---------|-------|--|-------|
| 1 | 12-16 | Parts, equipment and accessories for vehicles, not included in other classes or subclasses | 451 |
| 2 | 13-03 | Equipment for distribution or control of electric power | 313 |
| 3 | 26-06 | Luminous devices for vehicles | 304 |
| 4 | 14-03 | Communications equipment, wireless remote controls and radio amplifiers | 300 |
| 5 | 14-02 | Data processing equipment as well as peripheral apparatus and devices | 299 |
| 6 | 28-03 | Toilet articles and beauty parlor equipment | 279 |
| 7 | 03-01 | Trunks, suitcases, briefcases, handbags, keyholders, cases specially designed for their contents, wallets and similar articles | 248 |
| 8 | 02-04 | Footwear, socks and stockings | 245 |
| 9 | 09-01 | Bottles, flasks, pots, carboys, demijohns, and containers with dynamic dispensing means | 211 |
| 10 | 14-04 | Screen Displays and Icons | 209 |
| 11 | 16-06 | Optical articles | 178 |
| 12 | 06-04 | Storage furniture | 163 |
| 13 | 07-02 | Cooking appliances, utensils and containers | 158 |
| 14 | 09-03 | Boxes, cases, containers, (preserve) tins or cans | 154 |
| 14 | 12-11 | Cycles and motorcycles | 154 |
| 14 | 15-99 | Miscellaneous | 154 |
| 17 | 21-01 | Games and toys | 145 |
| 18 | 23-04 | Ventilation and air-conditioning equipment | 143 |
| 19 | 15-05 | Washing, cleaning and drying machines | 135 |
| 20 | 06-01 | Seats | 131 |

Note: 1. The order of placement is arranged by the number of applications, from most to least.

2. In consideration of the time period differentiated between application collection and classification, patent application figures may not be available by the publication deadline of annual report. Therefore, figures from the previous year are used as the basis of the said statistics.

3. For detailed LOC subject, please refer to International Classification for Industrial Designs 11th edition.

7. Invention Grants by International Patent Classification (IPC) in 2018 (TOP 20)

| Ranking | IPC | IPC Subject | Total |
|---------|------|--|-------|
| 1 | H01L | Semiconductor devices; electric solid state devices not otherwise provided for | 4,562 |
| 2 | G06F | Electric digital data processing | 2,392 |
| 3 | G02B | Optical elements, systems, or apparatus | 931 |
| 4 | G03F | Photomechanical production of textured or patterned surfaces; materials therefor; originals therefor; apparatus specially adapted therefor; exposure apparatus | 782 |
| 5 | A61K | Preparations for medical, dental, or toilet purposes | 705 |
| 6 | H05K | Printed circuits; casings or constructional details of electric apparatus; manufacture of assemblages of electrical components | 639 |
| 7 | C08L | Compositions of Macromolecular Compounds | 610 |
| 8 | C07D | Heterocyclic compounds | 582 |
| 9 | G11C | Static stores | 569 |
| 10 | G06Q | Electronic commerce | 567 |
| 11 | B32B | Layered products | 534 |
| 12 | H04N | Pictorial communication | 519 |
| 13 | G01N | Investigating or analysing materials by determining their chemical or physical properties | 513 |
| 14 | C23C | Coating metallic material; coating material with metallic material | 506 |
| 15 | G01R | Measuring electric variables; measuring magnetic variables | 465 |
| 16 | H01M | Processes or means for the direct conversion of chemical energy into electrical energy | 452 |
| 17 | C09K | Materials for applications not otherwise provided for; applications of materials not otherwise provided for | 419 |
| 17 | H04L | Transmission of digital information | 419 |
| 19 | B29C | Shaping or joining of plastics; shaping of material in a plastic state, not otherwise provided for; after-treatment of the shaped products | 412 |
| 20 | G02F | Liquid crystal display (LCD), electrophoresis display (EPD) | 409 |
| 20 | H04W | Wireless communication networks | 409 |

Note: 1. The order of placement is arranged by the number of grants, from most to least.
2. For detailed IPC subject, please refer to International Patent Classification version 2018.01.

8. Utility Model Grants by International Patent Classification (IPC) in 2018 (TOP 20)

| Ranking | IPC | IPC Subject | Total |
|---------|------|---|-------|
| 1 | G06Q | Electronic commerce | 943 |
| 2 | G06F | Electric digital data processing | 573 |
| 3 | B65D | Containers for storage or transport of articles or materials | 555 |
| 4 | H01R | Electrically-conductive connections | 530 |
| 5 | A47G | Household or table equipment | 431 |
| 6 | H01L | Semiconductor devices; electric solid state devices not otherwise provided for | 383 |
| 7 | H05K | Printed circuits; casings or constructional details of electric apparatus; manufacture of assemblages of electrical components | 374 |
| 8 | A63B | Apparatus for physical training, gymnastics, swimming, climbing, or fencing; ball games; training equipment | 304 |
| 9 | A47J | Kitchen equipment; coffee mills; spice mills; apparatus for making beverages | 297 |
| 10 | A01K | Animal husbandry; care of birds, fishes, insects; fishing; rearing or breeding animals, not otherwise provided for; new breeds of animals | 272 |
| 11 | A01G | Horticulture; cultivation of vegetables, flowers, rice, fruit, vines, hops, or seaweed; forestry; watering | 212 |
| 12 | A47B | Tables; desks; office furniture; cabinets; drawers; general details of furniture | 209 |
| 13 | A61H | Physical therapy apparatus | 207 |
| 14 | A61B | Diagnosis; surgery; identification | 203 |
| 15 | B01D | Separation | 201 |
| 16 | B25B | Tools or bench devices | 183 |
| 17 | E06B | Shutter | 179 |
| 18 | A61F | Filters implantable into blood vessels; prostheses; devices providing patency to, or preventing collapsing of, tubular structures of the body | 174 |
| 19 | A45C | Purses; luggage; hand carried bags | 173 |
| 20 | A47C | Chairs; sofas; beds | 170 |

Note: 1. The order of placement is arranged by the number of grants, from most to least.

2. For detailed IPC subject, please refer to International Patent Classification version 2018.01.

9. Design Grants by International Classification for Industrial Design System (LOC) in 2018 (TOP 20)

| Ranking | LOC | LOC Subject | Total |
|---------|-------|--|-------|
| 1 | 12-16 | Parts, equipment and accessories for vehicles, not included in other classes or subclasses | 524 |
| 2 | 26-06 | Luminous devices for vehicles | 319 |
| 3 | 13-03 | Equipment for distribution or control of electric power | 308 |
| 4 | 14-02 | Data processing equipment as well as peripheral apparatus and devices | 274 |
| 5 | 28-03 | Toilet articles and beauty parlor equipment | 256 |
| 6 | 02-04 | Footwear, socks and stockings | 245 |
| 7 | 14-03 | Communications equipment, wireless remote controls and radio amplifiers | 236 |
| 8 | 09-01 | Bottles, flasks, pots, carboys, demijohns, and containers with dynamic dispensing means | 215 |
| 9 | 03-01 | trunks, suitcases, briefcases, handbags, keyholders, cases specially designed for their contents, wallets and similar articles | 201 |
| 10 | 15-99 | Miscellaneous | 164 |
| 11 | 09-03 | Boxes, cases, containers, (preserve) tins or cans | 157 |
| 12 | 21-01 | Games and toys | 155 |
| 13 | 14-04 | Screen Displays and Icons | 146 |
| 14 | 23-01 | Fluid distribution equipment | 145 |
| 15 | 07-02 | Cooking appliances, ustensils and containers | 142 |
| 16 | 23-04 | Ventilation and air-conditioning equipment | 138 |
| 17 | 16-06 | Optical articles | 135 |
| 18 | 06-04 | Storage furniture | 130 |
| 19 | 12-11 | Cycles and motorcycles | 120 |
| 20 | 11-02 | Trinkets, table, mantel and wall ornaments, flower vases and pots | 117 |

Note: 1. The order of placement is arranged by the number of grants, from most to least.
2. For detailed LOC subject, please refer to International Classification for Industrial Designs 11th edition.

10. Patent Applications by Nationality (2018)

| Nationality | Application | | | | |
|---------------------------|-------------|---------------|--------|--------|------------|
| | Invention | Utility Model | Design | Total | Percentage |
| TAIWAN, REPUBLIC OF CHINA | 18,365 | 16,661 | 4,252 | 39,278 | 53.50% |
| JAPAN | 12,871 | 74 | 1,224 | 14,169 | 19.30% |
| UNITED STATES OF AMERICA | 6,393 | 175 | 777 | 7,345 | 10.00% |
| MAINLAND CHINA | 2,595 | 615 | 296 | 3,506 | 4.78% |
| REPUBLIC OF KOREA | 1,766 | 12 | 118 | 1,896 | 2.58% |
| GERMANY | 1,197 | 9 | 305 | 1,511 | 2.06% |
| HONG KONG | 907 | 146 | 107 | 1,160 | 1.58% |
| SWITZERLAND | 460 | 8 | 195 | 663 | 0.90% |
| NETHERLANDS | 477 | 10 | 46 | 533 | 0.73% |
| FRANCE | 212 | 7 | 233 | 452 | 0.62% |
| SINGAPORE | 314 | 13 | 71 | 398 | 0.54% |
| UNITED KINGDOM | 327 | 13 | 37 | 377 | 0.51% |
| CAYMAN ISLANDS | 216 | 67 | 11 | 294 | 0.40% |
| SWEDEN | 147 | 1 | 110 | 258 | 0.35% |
| ITALY | 138 | 6 | 60 | 204 | 0.28% |
| AUSTRIA | 155 | 4 | 9 | 168 | 0.23% |
| FINLAND | 56 | 0 | 42 | 98 | 0.13% |
| ISRAEL | 89 | 2 | 3 | 94 | 0.13% |
| BELGIUM | 71 | 2 | 21 | 94 | 0.13% |
| CANADA | 73 | 4 | 7 | 84 | 0.11% |
| AUSTRALIA | 65 | 6 | 12 | 83 | 0.11% |
| DENMARK | 44 | 0 | 15 | 59 | 0.08% |
| SAMOA | 43 | 15 | 1 | 59 | 0.08% |
| IRELAND | 50 | 8 | 0 | 58 | 0.08% |
| NEW ZEALAND | 17 | 1 | 36 | 54 | 0.07% |

| Nationality | Application | | | | |
|------------------------|---------------|---------------|--------------|---------------|----------------|
| | Invention | Utility Model | Design | Total | Percentage |
| MALAYSIA | 35 | 6 | 9 | 50 | 0.07% |
| INDIA | 45 | 0 | 1 | 46 | 0.06% |
| LUXEMBOURG | 36 | 0 | 6 | 42 | 0.06% |
| SPAIN | 30 | 3 | 5 | 38 | 0.05% |
| NORWAY | 29 | 3 | 5 | 37 | 0.05% |
| BRITISH VIRGIN ISLANDS | 25 | 6 | 4 | 35 | 0.05% |
| SEYCHELLES | 21 | 11 | 3 | 35 | 0.05% |
| MACAO | 9 | 5 | 16 | 30 | 0.04% |
| ANTIGUA AND BARBUDA | 23 | 0 | 0 | 23 | 0.03% |
| LIECHTENSTEIN | 20 | 0 | 2 | 22 | 0.03% |
| SLOVENIA | 0 | 0 | 18 | 18 | 0.02% |
| THAILAND | 7 | 9 | 0 | 16 | 0.02% |
| BARBADOS | 4 | 0 | 8 | 12 | 0.02% |
| BERMUDA | 10 | 0 | 1 | 11 | 0.01% |
| HUNGARY | 6 | 0 | 2 | 8 | 0.01% |
| NAMIBIA | 7 | 0 | 0 | 7 | 0.01% |
| RUSSIAN FEDERATION | 7 | 0 | 0 | 7 | 0.01% |
| VIETNAM | 2 | 1 | 3 | 6 | 0.01% |
| OTHERS | 65 | 7 | 11 | 83 | 0.11% |
| Total | 47,429 | 17,910 | 8,082 | 73,421 | 100.00% |

Note: Countries with fewer than 5 applications are listed as "OTHERS."

11. Pre-grant Publications by Nationality (2018)

| Nationality | Pre-grant Publication | Percentage | Nationality | Pre-grant Publication | Percentage |
|---------------------------|-----------------------|------------|------------------------|-----------------------|------------|
| TAIWAN, REPUBLIC OF CHINA | 15,518 | 35.21% | AUSTRALIA | 43 | 0.10% |
| JAPAN | 13,313 | 30.21% | NORWAY | 43 | 0.10% |
| UNITED STATES OF AMERICA | 6,407 | 14.54% | MALTA | 42 | 0.10% |
| MAINLAND CHINA | 1,885 | 4.28% | DENMARK | 33 | 0.07% |
| REPUBLIC OF KOREA | 1,716 | 3.89% | IRELAND | 32 | 0.07% |
| GERMANY | 1,179 | 2.68% | MALAYSIA | 22 | 0.05% |
| HONG KONG | 751 | 1.70% | LIECHTENSTEIN | 21 | 0.05% |
| NETHERLANDS | 460 | 1.04% | SPAIN | 20 | 0.05% |
| SWITZERLAND | 409 | 0.93% | SEYCHELLES | 20 | 0.05% |
| UNITED KINGDOM | 325 | 0.74% | SAMOA | 18 | 0.04% |
| SINGAPORE | 246 | 0.56% | ANTIGUA AND BARBUDA | 17 | 0.04% |
| FRANCE | 231 | 0.52% | THAILAND | 14 | 0.03% |
| CAYMAN ISLANDS | 224 | 0.51% | BRITISH VIRGIN ISLANDS | 12 | 0.03% |
| ITALY | 170 | 0.39% | MACAO | 11 | 0.02% |
| SWEDEN | 170 | 0.39% | NEW ZEALAND | 11 | 0.02% |
| AUSTRIA | 104 | 0.24% | BARBADOS | 8 | 0.02% |
| BELGIUM | 102 | 0.23% | NAMIBIA | 8 | 0.02% |
| CANADA | 61 | 0.14% | BERMUDA | 6 | 0.01% |
| ISRAEL | 60 | 0.14% | HUNGARY | 6 | 0.01% |
| LUXEMBOURG | 50 | 0.11% | OTHERS | 211 | 0.48% |
| INDIA | 48 | 0.11% | Total | 44,073 | 100.00% |
| FINLAND | 46 | 0.10% | | | |

Note: Countries with fewer than 5 pre-grant publications are listed as "OTHERS."

12. Granted Patents by Nationality (2018)

| Nationality | Number of Granted Patents | | | | |
|---------------------------|---------------------------|---------------|--------|--------|------------|
| | Invention | Utility Model | Design | Total | Percentage |
| TAIWAN, REPUBLIC OF CHINA | 14,651 | 17,270 | 3,903 | 35,824 | 57.60% |
| JAPAN | 9,953 | 87 | 1,229 | 11,269 | 18.12% |
| UNITED STATES OF AMERICA | 5,189 | 173 | 689 | 6,051 | 9.73% |
| MAINLAND CHINA | 1,247 | 636 | 205 | 2,088 | 3.36% |
| REPUBLIC OF KOREA | 1,638 | 16 | 133 | 1,787 | 2.87% |
| GERMANY | 803 | 18 | 340 | 1,161 | 1.87% |
| NETHERLANDS | 461 | 14 | 59 | 534 | 0.86% |
| SWITZERLAND | 331 | 11 | 157 | 499 | 0.80% |
| HONG KONG | 194 | 124 | 96 | 414 | 0.67% |
| FRANCE | 175 | 3 | 147 | 325 | 0.52% |
| CAYMAN ISLANDS | 190 | 95 | 23 | 308 | 0.50% |
| UNITED KINGDOM | 180 | 18 | 109 | 307 | 0.49% |
| SINGAPORE | 203 | 12 | 32 | 247 | 0.40% |
| SWEDEN | 113 | 0 | 72 | 185 | 0.30% |
| ITALY | 89 | 4 | 63 | 156 | 0.25% |
| AUSTRIA | 78 | 1 | 6 | 85 | 0.14% |
| FINLAND | 59 | 0 | 18 | 77 | 0.12% |
| BELGIUM | 62 | 1 | 12 | 75 | 0.12% |
| AUSTRALIA | 42 | 6 | 16 | 64 | 0.10% |
| IRELAND | 49 | 8 | 0 | 57 | 0.09% |
| BRITISH VIRGIN ISLANDS | 31 | 5 | 21 | 57 | 0.09% |
| ISRAEL | 36 | 1 | 13 | 50 | 0.08% |
| CANADA | 42 | 4 | 2 | 48 | 0.08% |
| LUXEMBOURG | 46 | 0 | 1 | 47 | 0.08% |

| Nationality | Number of Granted Patents | | | | |
|---------------|---------------------------|---------------|--------------|---------------|----------------|
| | Invention | Utility Model | Design | Total | Percentage |
| SEYCHELLES | 25 | 16 | 4 | 45 | 0.07% |
| SAMOA | 25 | 16 | 2 | 43 | 0.07% |
| BARBADOS | 23 | 0 | 14 | 37 | 0.06% |
| NEW ZEALAND | 8 | 0 | 27 | 35 | 0.06% |
| SPAIN | 16 | 4 | 11 | 31 | 0.05% |
| DENMARK | 20 | 0 | 9 | 29 | 0.05% |
| MALAYSIA | 15 | 4 | 10 | 29 | 0.05% |
| LIECHTENSTEIN | 27 | 0 | 1 | 28 | 0.05% |
| INDIA | 20 | 0 | 4 | 24 | 0.04% |
| MALTA | 21 | 0 | 1 | 22 | 0.04% |
| MACAO | 2 | 1 | 19 | 22 | 0.04% |
| SLOVENIA | 1 | 0 | 16 | 17 | 0.03% |
| THAILAND | 11 | 4 | 1 | 16 | 0.03% |
| NORWAY | 13 | 1 | 1 | 15 | 0.02% |
| HUNGARY | 3 | 0 | 8 | 11 | 0.02% |
| BELIZE | 7 | 0 | 0 | 7 | 0.01% |
| SAUDI ARABIA | 6 | 0 | 1 | 7 | 0.01% |
| OTHERS | 42 | 6 | 12 | 60 | 0.10% |
| TOTAL | 36,147 | 18,559 | 7,487 | 62,193 | 100.00% |

Note: Countries with fewer than 5 patents granted are listed as "OTHERS."

13. Residents Patent Applications in 2018 (Top 20)

| Ranking | Applicant | Number of Applications | | | |
|---------|---|------------------------|---------------|--------|-------|
| | | Invention | Utility Model | Design | Total |
| 1 | TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. | 944 | 0 | 0 | 944 |
| 2 | AU OPTRONICS CORPORATION | 538 | 13 | 35 | 586 |
| 3 | ACER INCORPORATED | 345 | 95 | 36 | 476 |
| 4 | MEDIATEK INC. | 447 | 5 | 0 | 452 |
| 5 | INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE | 426 | 12 | 3 | 441 |
| 6 | HON HAI PRECISION INDUSTRY CO., LTD. | 218 | 11 | 17 | 246 |
| 7 | CHINA STEEL CORPORATION | 93 | 121 | 0 | 214 |
| 8 | REALTEK SEMICONDUCTOR CORPORATION | 195 | 0 | 0 | 195 |
| 9 | HIGH TECH COMPUTER, CORP. | 170 | 0 | 15 | 185 |
| 10 | MICROJET TECHNOLOGY CO., LTD | 99 | 83 | 2 | 184 |
| 10 | FAR-EAST-UNIVERSITY | 25 | 159 | 0 | 184 |
| 12 | INVENTEC CORPORATION | 180 | 0 | 0 | 180 |
| 13 | COMPAL ELECTRONICS, INC. | 77 | 19 | 81 | 177 |
| 14 | CHUNGHWA TELECOM CO., LTD. | 168 | 5 | 0 | 173 |
| 15 | QUANTA COMPUTER INC. | 135 | 12 | 22 | 169 |
| 16 | WISTRON CORPORATION | 130 | 32 | 0 | 162 |
| 17 | DELTA ELECTRONICS, INC. | 112 | 19 | 29 | 160 |
| 18 | ASUSTEK COMPUTER INC. | 63 | 71 | 19 | 153 |
| 19 | PEGATRON CORPORATION | 132 | 12 | 8 | 152 |
| 20 | NATIONAL CHIN-YI UNIVERSITY OF TECHNOLOGY | 74 | 53 | 4 | 131 |

Note: Applicants with the same total of applications are given the same ranking, but the order of placement is arranged by the number of invention patents, from most to least.

14. Residents Patent Grants in 2018 (Top 20)

| Ranking | Applicant | Number of Grants | | | |
|---------|---|------------------|---------------|--------|-------|
| | | Invention | Utility Model | Design | Total |
| 1 | TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. | 430 | 0 | 0 | 430 |
| 2 | INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE | 414 | 12 | 2 | 428 |
| 3 | AU OPTRONICS CORPORATION | 297 | 14 | 17 | 328 |
| 4 | HON HAI PRECISION INDUSTRY CO., LTD. | 298 | 9 | 15 | 322 |
| 5 | MEDIATEK INC. | 283 | 5 | 0 | 288 |
| 6 | ACER INCORPORATED | 174 | 57 | 13 | 244 |
| 7 | CHINA STEEL CORPORATION | 98 | 117 | 0 | 215 |
| 8 | CHUNGHWA TELECOM CO., LTD. | 189 | 2 | 1 | 192 |
| 9 | MICROJET TECHNOLOGY CO., LTD | 96 | 79 | 2 | 177 |
| 9 | FAR-EAST-UNIVERSITY | 43 | 134 | 0 | 177 |
| 11 | TAIPEI CHENGSHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY | 5 | 152 | 0 | 157 |
| 12 | CHIUN MAI COMMUNICATION SYSTEMS, INC. | 139 | 2 | 3 | 144 |
| 13 | DELTA ELECTRONICS, INC. | 106 | 15 | 17 | 138 |
| 14 | ASUSTEK COMPUTER INC. | 65 | 56 | 15 | 136 |
| 15 | REALTEK SEMICONDUCTOR CORPORATION | 135 | 0 | 0 | 135 |
| 16 | WISTRON CORPORATION | 105 | 24 | 5 | 134 |
| 17 | HIGH TECH COMPUTER, CORP. | 113 | 0 | 14 | 127 |
| 18 | QUANTA COMPUTER INC. | 85 | 16 | 24 | 125 |
| 19 | NATIONAL TSING HUA UNIVERSITY | 116 | 1 | 0 | 117 |
| 20 | PEGATRON CORPORATION | 98 | 17 | 1 | 116 |

Note: Applicants with the same total of grants are given the same ranking, but the order of placement is arranged by the number of invention patents, from most to least.

15. Non-Residents Patent Applications in 2018 (Top 20)

| Ranking | Applicant | Number of Applications | | | |
|---------|--|------------------------|---------------|--------|-------|
| | | Invention | Utility Model | Design | Total |
| 1 | QUALCOMM INCORPORATED | 1,011 | 0 | 0 | 1011 |
| 2 | ALIBABA GROUP SERVICES LIMITED | 594 | 1 | 4 | 599 |
| 3 | APPLIED MATERIALS, INC. | 416 | 16 | 5 | 437 |
| 4 | TOKYO ELECTRON LIMITED | 372 | 0 | 6 | 378 |
| 5 | NITTO DENKO CORPORATION | 315 | 0 | 0 | 315 |
| 6 | DISCO CORPORATION | 285 | 0 | 0 | 285 |
| 7 | CORNING INCORPORATED | 270 | 0 | 0 | 270 |
| 8 | SAMSUNG ELECTRONICS CO., LTD. | 252 | 0 | 17 | 269 |
| 9 | SEMICONDUCTOR ENERGY LABORATORY CO., LTD. | 253 | 0 | 0 | 253 |
| 9 | GUANG DONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD | 226 | 0 | 27 | 253 |
| 11 | LG CHEM, LTD. | 242 | 0 | 0 | 242 |
| 12 | mitsubishi electric corporation | 190 | 0 | 48 | 238 |
| 13 | SHIMANO INC. | 214 | 3 | 14 | 231 |
| 14 | FUJIFILM CORPORATION | 218 | 0 | 1 | 219 |
| 15 | PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD. | 175 | 0 | 39 | 214 |
| 16 | SCREEN HOLDINGS CO., LTD. | 210 | 0 | 2 | 212 |
| 16 | FORD GLOBAL TECHNOLOGIES, LLC | 0 | 0 | 212 | 212 |
| 18 | TOSHIBA MEMORY CORPORATION | 202 | 0 | 1 | 203 |
| 19 | SUMITOMO CHEMICAL CO., LTD. | 195 | 0 | 0 | 195 |
| 20 | MICRON TECHNOLOGY, INC. | 194 | 0 | 0 | 194 |

Note: Applicants with the same total of applications are given the same ranking, but the order of placement is arranged by the number of invention patents, from most to least.

16. Non-Residents Patent Grants in 2018 (Top 20)

| Ranking | Applicant | Number of Patent Grants | | | |
|---------|---|-------------------------|---------------|--------|-------|
| | | Invention | Utility Model | Design | Total |
| 1 | SEMICONDUCTOR ENERGY LABORATORY CO., LTD. | 474 | 0 | 0 | 474 |
| 2 | INTEL CORPORATION | 407 | 0 | 0 | 407 |
| 3 | APPLIED MATERIALS, INC. | 340 | 18 | 9 | 367 |
| 4 | TOKYO ELECTRON LIMITED | 296 | 1 | 1 | 298 |
| 5 | SAMSUNG DISPLAY CO., LTD. | 240 | 0 | 0 | 240 |
| 6 | MITSUBISHI ELECTRIC CORPORATION | 183 | 0 | 44 | 227 |
| 7 | FUJIFILM CORPORATION | 213 | 0 | 0 | 213 |
| 8 | LG CHEM, LTD. | 191 | 0 | 0 | 191 |
| 9 | NITTO DENKO CORPORATION | 184 | 0 | 0 | 184 |
| 10 | BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT | 0 | 0 | 182 | 182 |
| 11 | SAMSUNG ELECTRONICS CO., LTD. | 157 | 0 | 22 | 179 |
| 12 | APPLE INC. | 128 | 3 | 41 | 172 |
| 13 | QUALCOMM INCORPORATED | 165 | 0 | 0 | 165 |
| 14 | ASML NETHERLANDS B. V. | 161 | 0 | 0 | 161 |
| 15 | SHIMANO INC. | 143 | 3 | 9 | 155 |
| 16 | KLA-TENCOR CORPORATION | 154 | 0 | 0 | 154 |
| 17 | FORD GLOBAL TECHNOLOGIES, LLC | 0 | 0 | 153 | 153 |
| 18 | SCREEN HOLDINGS CO., LTD. | 152 | 0 | 0 | 152 |
| 19 | SHIN-ETSU CHEMICAL CO., LTD. | 146 | 0 | 1 | 147 |
| 19 | TOSHIBA MEMORY CORPORATION | 145 | 0 | 2 | 147 |

Note: Applicants with the same total of grants are given the same ranking, but the order of placement is arranged by the number of invention patents, from most to least.

17. Certificates Issued by Type of Industry in 2018

| Type of Industry | Corresponding International Patent Classification | Residents | | Non-Residents | | Total | |
|--|---|-----------|---------------|---------------|---------------|----------------------------|------------|
| | | Invention | Utility Model | Invention | Utility Model | No. of Certificates Issued | Percentage |
| Agriculture, Forest, Fishery & Animal Husbandry | A01, (exclude A01H,A01K67,A01N,A01P) | 117 | 598 | 94 | 8 | 817 | 1.49% |
| Foods & Tobacco | A21-A24 | 91 | 226 | 165 | 10 | 492 | 0.90% |
| Domestic Articles | A41-A47 | 388 | 2,369 | 431 | 115 | 3,303 | 6.04% |
| Pharmaceutical & Entertainment | A61-A63,(exclude A61K& A61P,A61Q) | 676 | 1,639 | 544 | 95 | 2,954 | 5.40% |
| Biotech | A01H,A01K67,A01N, A61K35/66-35/76,38,39, 47/42,48,49/14,49/16, 51/08,51/10,A61P,C07K, C12,G01N33,A01P | 280 | 56 | 471 | 6 | 813 | 1.49% |
| Preparation for Medical, Dental or Toilet Purposes | A61K(exclude 35/66-35/76,38,39,47/42,48, 49/14,49/16,51/08,51/10), A61Q | 228 | 68 | 372 | 1 | 669 | 1.22% |
| Separation & Mixing | B01-B09 | 236 | 420 | 464 | 21 | 1,141 | 2.09% |
| Working of Metal | B21-B32, (exclude B31) | 912 | 1,255 | 1,467 | 70 | 3,704 | 6.77% |
| Printing | B41-B44 | 68 | 222 | 161 | 5 | 456 | 0.83% |
| Transporting | B60-B68 | 734 | 1,914 | 790 | 137 | 3,575 | 6.53% |
| Micro-structural technology; nano-technology | B81-B82 | 47 | 6 | 55 | 0 | 108 | 0.20% |
| Inorganic Chemistry, Treatment of Waste Water | C01-C05,C30 | 269 | 145 | 640 | 11 | 1,065 | 1.95% |
| Organic Chemistry | C07, (exclude C07K, C07M) | 125 | 0 | 934 | 0 | 1,059 | 1.94% |
| Organic Macromolecular Compound | C08 | 164 | 11 | 1,180 | 0 | 1,355 | 2.48% |
| Dyes, Petroleum, Animal or Vegetable Oils | C09-C11 | 135 | 30 | 1,041 | 1 | 1,207 | 2.21% |
| Sugar Industries & Pelts/Leather | C13-C14 | 1 | 1 | 2 | 0 | 4 | 0.01% |
| Metallurgy, Coating Metallic Material & Alloys | C21-C23,C25 (exclude C22K) | 177 | 74 | 815 | 10 | 1,076 | 1.97% |
| Textiles & Flexible Materials | D01-D07 | 128 | 226 | 207 | 14 | 575 | 1.05% |
| Paper Making & Making Paper Articles | D21,B31 | 8 | 12 | 28 | 6 | 54 | 0.10% |

| Type of Industry | Corresponding International Patent Classification | Residents | | Non-Residents | | Total | |
|--|---|---------------|---------------|---------------|---------------|----------------------------|----------------|
| | | Invention | Utility Model | Invention | Utility Model | No. of Certificates Issued | Percentage |
| Fixed Constructions | E01-E06 | 302 | 907 | 156 | 24 | 1,389 | 2.54% |
| Mining or Quarrying | E21 | 0 | 8 | 5 | 0 | 13 | 0.02% |
| Engines and Pumps | F01-F04 | 196 | 393 | 222 | 25 | 836 | 1.53% |
| Hydraulics or Pneumatics in General | F15-F17 | 289 | 668 | 320 | 28 | 1,305 | 2.39% |
| Lighting; Heating | F21-F28 | 435 | 805 | 315 | 29 | 1,584 | 2.90% |
| Weapons; Explosive Charges | F41-F42,C06 | 15 | 86 | 17 | 1 | 119 | 0.22% |
| Optics | G01-G03 ,(exclude G01N33) | 1,610 | 821 | 2,267 | 119 | 4,817 | 8.81% |
| Measuring | G04-G08,(exclude G06F,G06Q) | 551 | 423 | 316 | 26 | 1,316 | 2.41% |
| Semi-Conductor Applications | G09-G12 | 564 | 262 | 618 | 17 | 1,461 | 2.67% |
| Nuclear Engineering | G21 | 5 | 0 | 24 | 0 | 29 | 0.05% |
| Electric Power; Generation, Distribution or Conversion of Electric Power, Electric Heating | H02,H05 | 898 | 812 | 794 | 82 | 2,586 | 4.73% |
| Basic Electronic Elements | H01,(exclude H01L) | 852 | 712 | 1,053 | 221 | 2,838 | 5.19% |
| Semiconductor Devices | H01L | 1,477 | 304 | 3,085 | 79 | 4,945 | 9.04% |
| Basic Electronic Circuitry; Electric Communication Technique | H03,H04 | 971 | 333 | 1,143 | 40 | 2,487 | 4.55% |
| Electric Digital Data Processing | G06F(exclude 17/60) | 1,244 | 505 | 1,148 | 68 | 2,965 | 5.42% |
| E-business | G06F17/60,G06Q | 439 | 932 | 128 | 11 | 1,510 | 2.76% |
| Others | | 19 | 27 | 24 | 9 | 79 | 0.14% |
| Total | | 14,651 | 17,270 | 21,496 | 1,289 | 54,706 | 100.00% |

18. Statistics for Valid Patent

Invention & Utility Model

| Classification | Invention | Utility Model |
|----------------|-----------|---------------|
| A01 | 1,936 | 2,974 |
| A21 | 129 | 319 |
| A22 | 16 | 34 |
| A23 | 1,217 | 708 |
| A24 | 267 | 44 |
| A41 | 243 | 1,167 |
| A42 | 70 | 318 |
| A43 | 426 | 1,031 |
| A44 | 822 | 488 |
| A45 | 396 | 2,158 |
| A46 | 67 | 138 |
| A47 | 2,150 | 7,622 |
| A61 | 11,947 | 6,147 |
| A62 | 220 | 573 |
| A63 | 1,814 | 2,731 |
| B01 | 3,412 | 1,399 |
| B02 | 119 | 137 |
| B03 | 72 | 46 |
| B04 | 44 | 25 |
| B05 | 1,402 | 675 |
| B06 | 20 | 14 |
| B07 | 94 | 99 |
| B08 | 438 | 285 |
| B09 | 138 | 74 |
| B21 | 1,076 | 560 |
| B22 | 595 | 112 |
| B23 | 3,340 | 2,388 |
| B24 | 1,617 | 645 |
| B25 | 2,670 | 2,281 |
| B26 | 373 | 501 |
| B27 | 131 | 215 |
| B28 | 165 | 75 |
| B29 | 2,511 | 1,089 |

| Classification | Invention | Utility Model |
|----------------|-----------|---------------|
| B30 | 110 | 109 |
| B31 | 56 | 61 |
| B32 | 2,988 | 749 |
| B33 | 10 | 11 |
| B41 | 1,607 | 529 |
| B42 | 78 | 285 |
| B43 | 154 | 321 |
| B44 | 134 | 194 |
| B60 | 2,321 | 3,247 |
| B61 | 204 | 39 |
| B62 | 3,049 | 3,045 |
| B63 | 234 | 209 |
| B64 | 112 | 77 |
| B65 | 4,243 | 4,651 |
| B66 | 403 | 469 |
| B67 | 116 | 130 |
| B68 | 8 | 8 |
| B81 | 394 | 18 |
| B82 | 338 | 6 |
| C01 | 2,027 | 75 |
| C02 | 856 | 477 |
| C03 | 2,012 | 167 |
| C04 | 896 | 19 |
| C05 | 73 | 38 |
| C06 | 5 | 3 |
| C07 | 7,792 | 5 |
| C08 | 10,782 | 46 |
| C09 | 7,608 | 86 |
| C10 | 538 | 25 |
| C11 | 482 | 62 |
| C12 | 1,961 | 164 |
| C13 | 9 | 1 |
| C14 | 14 | 2 |

| Classification | Invention | Utility Model |
|----------------|-----------|---------------|
| C21 | 489 | 55 |
| C22 | 1,991 | 18 |
| C23 | 4,454 | 145 |
| C25 | 1,304 | 282 |
| C30 | 815 | 83 |
| C40 | 11 | 0 |
| D01 | 594 | 88 |
| D02 | 86 | 76 |
| D03 | 208 | 154 |
| D04 | 476 | 322 |
| D05 | 475 | 274 |
| D06 | 739 | 402 |
| D07 | 13 | 29 |
| D21 | 232 | 46 |
| D99 | 1 | 2 |
| E01 | 160 | 196 |
| E02 | 267 | 258 |
| E03 | 255 | 467 |
| E04 | 885 | 1,924 |
| E05 | 901 | 1,232 |
| E06 | 518 | 1,274 |
| E21 | 66 | 46 |
| F01 | 351 | 210 |
| F02 | 595 | 353 |
| F03 | 368 | 448 |
| F04 | 1,503 | 1,186 |
| F15 | 167 | 77 |
| F16 | 4,616 | 4,257 |
| F17 | 195 | 102 |
| F21 | 1,792 | 1,913 |
| F22 | 44 | 28 |
| F23 | 505 | 393 |
| F24 | 1,308 | 1,943 |

| Classification | Invention | Utility Model |
|----------------|----------------|----------------|
| F25 | 595 | 318 |
| F26 | 119 | 134 |
| F27 | 233 | 81 |
| F28 | 673 | 299 |
| F41 | 200 | 432 |
| F42 | 32 | 42 |
| G01 | 12,623 | 2,495 |
| G02 | 16,232 | 2,317 |
| G03 | 8,962 | 624 |
| G04 | 183 | 120 |
| G05 | 2,449 | 289 |
| G06 | 30,494 | 7,029 |
| G07 | 404 | 278 |
| G08 | 1,084 | 822 |
| G09 | 7,274 | 834 |
| G10 | 1,217 | 315 |
| G11 | 7,349 | 378 |
| G12 | 42 | 15 |
| G16 | 3 | 5 |
| G21 | 309 | 8 |
| G99 | 1 | 1 |
| H01 | 67,233 | 10,424 |
| H02 | 7,889 | 2,321 |
| H03 | 5,525 | 133 |
| H04 | 23,991 | 2,224 |
| H05 | 10,078 | 3,414 |
| H99 | 1 | 0 |
| Total | 323,130 | 106,035 |

Note: The figures above are calculated based on existing patents as of December 31, 2018.

Design

| Classification | Design |
|----------------|--------|
| 01 | 198 |
| 02 | 1,612 |
| 03 | 1,072 |
| 04 | 297 |
| 05 | 298 |
| 06 | 1,890 |
| 07 | 1,911 |
| 08 | 2,299 |
| 09 | 2,920 |
| 10 | 1,395 |
| 11 | 1,276 |
| 12 | 5,604 |
| 13 | 3,159 |
| 14 | 5,135 |
| 15 | 2,626 |
| 16 | 1,523 |
| 17 | 51 |
| 18 | 126 |
| 19 | 649 |
| 20 | 224 |

| Classification | Design |
|----------------|---------------|
| 21 | 1,439 |
| 22 | 302 |
| 23 | 2,550 |
| 24 | 1,147 |
| 25 | 910 |
| 26 | 2,533 |
| 27 | 87 |
| 28 | 1,383 |
| 29 | 98 |
| 30 | 167 |
| 31 | 286 |
| 99 | 17 |
| Total | 45,184 |

Note: The figures above are calculated based on existing patents as of December 31, 2018.

19. Statistics of Pending Patent Applications for Examination (2009~2018)

| Item Year | Application | | | Reexamination | | Opposition | | | Invalidation | | | Technical Evaluation Report for Utility Model | Total |
|--------------|-------------|------------------|--------|---------------|--------|------------|------------------|--------|--------------|------------------|--------|---|---------|
| | Invention | Utility Model | Design | Invention | Design | Invention | Utility Model | Design | Invention | Utility Model | Design | | |
| 2009 | 141,213 | 8,117 | 6,057 | 4,676 | 119 | - | 1 | - | 522 | 1,319 | 44 | 2,803 | 164,871 |
| 2010 | 153,969 | 9,015 | 6,198 | 4,171 | 112 | - | 1 | - | 497 | 1,257 | 58 | 2,882 | 178,160 |
| 2011 | 160,858 | 8,444 | 6,224 | 4,312 | 74 | - | - | - | 399 | 1,116 | 82 | 2,322 | 183,831 |
| 2012 | 153,039 | 8,376 | 6,382 | 5,167 | 39 | - | - | - | 365 | 1,027 | 68 | 2,140 | 176,603 |
| 2013 | 129,318 | 6,599 | 6,681 | 7,345 | 40 | - | - | - | 292 | 844 | 49 | 1,740 | 152,908 |
| 2014 | 100,580 | 5,696 | 6,276 | 8,592 | 143 | - | - | - | 274 | 599 | 67 | 1,773 | 124,000 |
| 2015 | 72,892 | 4,641 | 4,854 | 8,711 | 179 | - | - | - | 257 | 511 | 87 | 1,584 | 93,716 |
| 2016 | 50,293 | 3,953 | 4,848 | 8,390 | 72 | - | - | - | 235 | 408 | 49 | 1,125 | 69,373 |
| 2017 | 44,002 | 4,859 | 5,056 | 6,256 | 55 | - | - | - | 202 | 271 | 23 | 620 | 61,344 |
| 2018 | 46,443 | 3,287 | 4,748 | 4,436 | 45 | - | - | - | 162 | 266 | 24 | 492 | 59,903 |

Note: 1. The new Patent Act took effect on July 1, 2004. Accordingly, utility model patent applications shall be subject to formality examination and technical evaluation reports shall be required in said applications.

2. The statistics above excludes the number of applications not requesting for substantial examination. (2009: 8,501; 2010: 10,705; 2011:12,671; 2012:10,932; 2013:9,959; 2014:10,734; 2015:9,684; 2016: 10,142; 2017: 9,707; 2018: 7,716).

3. Some new applications were collected via E-filing starting April 2008. Since operation procedures were different, there was a slight discrepancy in statistical data for 2008 on the number of pending cases.

D. Trend Table of Invention Requests for Examination

Number and Percentage of Requests for Examination (Shown by the Year of Filing)

| Filing Year | Invention Applications (Total Applications In This Year) | In the First Year Since the Filing Date | | In the Second Year Since the Filing Date | | In the Third Year Since the Filing Date | | After the Third Year Since the Filing Date | | Sum of the Number/ Percentage of Applications Requested for Examination | |
|-------------|--|---|------------|--|------------|---|------------|--|------------|---|------------|
| | | Applications | Percentage | Applications | Percentage | Applications | Percentage | Applications | Percentage | Applications | Percentage |
| 2009 | 46,582 | 28,508 | 61.20% | 1,390 | 2.98% | 11,520 | 24.73% | 465 | 1.00% | 41,883 | 89.91% |
| 2010 | 47,327 | 27,829 | 58.80% | 1,669 | 3.53% | 11,947 | 25.24% | 417 | 0.88% | 41,862 | 88.45% |
| 2011 | 49,919 | 29,092 | 58.28% | 1,545 | 3.10% | 12,473 | 24.99% | 604 | 1.21% | 43,714 | 87.57% |
| 2012 | 51,189 | 30,520 | 59.62% | 1,102 | 2.15% | 12,137 | 23.71% | 887 | 1.73% | 44,646 | 87.22% |
| 2013 | 49,217 | 28,464 | 57.83% | 1,167 | 2.37% | 12,223 | 24.83% | 1,167 | 2.37% | 43,015 | 87.40% |
| 2014 | 46,379 | 26,513 | 57.17% | 1,167 | 2.52% | 12,021 | 25.92% | 1,278 | 2.76% | 40,966 | 88.33% |
| 2015 | 44,415 | 24,799 | 55.83% | 1,372 | 3.09% | 12,153 | 27.36% | 1,446 | 3.26% | 39,772 | 89.55% |
| 2016 | 43,835 | 23,321 | 53.20% | 1,462 | 3.34% | 2,641 | 6.02% | 1,613 | 3.68% | 29,037 | 66.24% |
| 2017 | 46,122 | 24,967 | 54.13% | 965 | 2.09% | 269 | 0.58% | 1,579 | 3.42% | 27,780 | 60.23% |
| 2018 | 47,429 | 26,518 | 55.91% | 302 | 0.64% | 160 | 0.34% | 1,191 | 2.51% | 28,171 | 59.40% |

- Note: 1. The number of requests for examination (including new applications, divisional applications, and conversion applications) refers to the number of requests for examination according to Paragraphs 1 and 2 of Article 38 of the new Patent Act of the ROC.
2. Except for the divisional applications and conversion applications conforming to Article 34 or 108 of the new Patent Act, invention applications failing to request an examination within three years from the filing date are deemed to have been withdrawn.
3. The percentage of requests for examination refers to the percentage of the total number of the requests for examination in each year within three years from the filing dates, applications divided or converted in 30 days from the filing date according to Articles 34 and 108 of the new Patent Act, to the total number of new applications for invention.
4. The total number of invention applications in each year, in addition to the new applications filed in the year, includes the number of applications divided or converted in the year but originally filed before the year.

E. Statistics on IC Layout Applications and Certificates Issued

| Year | Application | Certificate Issued |
|------|-------------|--------------------|
| 2009 | 30 | 27 |
| 2010 | 50 | 48 |
| 2011 | 144 | 120 |
| 2012 | 159 | 124 |
| 2013 | 146 | 83 |
| 2014 | 87 | 195 |
| 2015 | 113 | 120 |
| 2016 | 114 | 133 |
| 2017 | 58 | 68 |
| 2018 | 95 | 96 |

II. Trademark Cases Filed & Disposed

A. General Statistics of Trademark Cases (2009-2018)

| Year \ Item | Application | Registration | Rejection |
|-------------|-------------|--------------|-----------|
| 2009 | 59,669 | 48,075 | 7,728 |
| 2010 | 66,496 | 54,292 | 8,356 |
| 2011 | 67,620 | 48,315 | 6,480 |
| 2012 | 74,357 | 61,918 | 8,724 |
| 2013 | 74,031 | 60,557 | 8,581 |
| 2014 | 75,933 | 66,257 | 7,641 |
| 2015 | 78,523 | 62,993 | 7,692 |
| 2016 | 79,300 | 68,177 | 8,956 |
| 2017 | 83,802 | 74,226 | 8,903 |
| 2018 | 84,816 | 71,809 | 8,464 |

Note: 1. The figures for "Application" are calculated based on the total number of registration applications collected each year.
 2. The figures for "Registration" and "Rejection" are calculated based on the total number of cases published each year.

B. Statistics of Trademark (2009-2018)

1. Statistics of Applications

| Year | Item | Application | | Opposition | Invalidation | Revocation |
|------|------|-------------|----------|------------|--------------|------------|
| | | By case | By class | | | |
| 2009 | | 59,669 | 74,177 | 1,033 | 389 | 354 |
| 2010 | | 66,496 | 83,072 | 1,010 | 373 | 648 |
| 2011 | | 67,620 | 85,958 | 881 | 444 | 441 |
| 2012 | | 74,357 | 95,435 | 1,009 | 345 | 570 |
| 2013 | | 74,031 | 94,958 | 955 | 225 | 513 |
| 2014 | | 75,933 | 97,776 | 868 | 213 | 627 |
| 2015 | | 78,523 | 101,327 | 780 | 210 | 669 |
| 2016 | | 79,300 | 101,331 | 822 | 187 | 515 |
| 2017 | | 83,802 | 108,758 | 913 | 248 | 640 |
| 2018 | | 84,816 | 110,074 | 872 | 199 | 543 |

| Year | Item | Renewal | License | Assignment | Alteration |
|------|--------|---------|---------|------------|------------|
| | | | | | |
| 2010 | 33,554 | 1,148 | 7,937 | 9,722 | |
| 2011 | 37,530 | 1,082 | 8,743 | 7,848 | |
| 2012 | 35,547 | 1,077 | 9,188 | 8,808 | |
| 2013 | 42,536 | 1,046 | 9,299 | 8,358 | |
| 2014 | 39,624 | 859 | 7,327 | 8,744 | |
| 2015 | 41,471 | 930 | 8,998 | 12,323 | |
| 2016 | 43,030 | 763 | 9,469 | 8,552 | |
| 2017 | 42,474 | 696 | 9,147 | 9,153 | |
| 2018 | 44,444 | 928 | 8,907 | 9,486 | |

Note: 1. The figures above are the total number of applications.

2. The term "Application" includes applications for certification mark, collective membership mark and collective trademark.

3. The term "License" includes applications for sub-license.

4. The term "Alteration" includes applications for "goods/service reduction."

5. Beginning from November 28, 2003, applications for trademark registration may contain two or more types of goods or services. Therefore, the number of applications and the number of classes are not the same.

2. Trademark Opposition

| Year \ Item | Sustained | Denied | Others |
|-------------|-----------|--------|--------|
| 2009 | 753 | 295 | 256 |
| 2010 | 514 | 195 | 223 |
| 2011 | 436 | 124 | 260 |
| 2012 | 324 | 177 | 250 |
| 2013 | 421 | 377 | 273 |
| 2014 | 427 | 265 | 216 |
| 2015 | 470 | 177 | 261 |
| 2016 | 426 | 232 | 228 |
| 2017 | 386 | 183 | 227 |
| 2018 | 461 | 272 | 129 |

Note: 1. The chart shows the number of cases disposed each year.
 2. The item "Others" includes rejection because of formal deficiency, withdrawal, and other type of rejection.

3. Trademark Invalidation

| Year \ Item | Sustained | Denied | Others |
|-------------|-----------|--------|--------|
| 2009 | 295 | 149 | 107 |
| 2010 | 220 | 76 | 91 |
| 2011 | 194 | 50 | 122 |
| 2012 | 130 | 70 | 129 |
| 2013 | 116 | 130 | 89 |
| 2014 | 108 | 75 | 101 |
| 2015 | 122 | 60 | 74 |
| 2016 | 116 | 41 | 60 |
| 2017 | 106 | 32 | 80 |
| 2018 | 139 | 34 | 33 |

Note: 1. The chart shows the number of cases disposed each year.
 2. The item "Others" includes rejection because of formal deficiency, withdrawal, and other types of rejection.

4. Trademark Revocation (Cancellation)

| Year \ Item | Sustained | Denied | Others |
|-------------|-----------|--------|--------|
| 2009 | 248 | 62 | 76 |
| 2010 | 484 | 27 | 56 |
| 2011 | 310 | 33 | 112 |
| 2012 | 343 | 41 | 116 |
| 2013 | 331 | 52 | 136 |
| 2014 | 405 | 47 | 115 |
| 2015 | 487 | 35 | 157 |
| 2016 | 379 | 47 | 193 |
| 2017 | 345 | 28 | 195 |
| 2018 | 372 | 34 | 145 |

- Note: 1. The chart shows the number of cases disposed each year.
 2. The item "Others" includes rejection because of formal deficiency, withdrawal, and other types of rejection.
 3. Beginning from November 28, 2003, "disciplinary cancellation" has been changed to "revocation."

5. Trademark Administrative Appeals, 2009-2018

| Year \ Item | Administrative Appeals | | | | | |
|-------------|------------------------|-------------------------------------|---------------------------------|--------|-----------------------|--------------------|
| | Cases Filed | Decisions of Administrative Appeals | | | | |
| | | Original Decisions Revoked | Administrative Appeals Rejected | Others | Other Concluded Cases | Rate of Revocation |
| 2009 | 1,048 | 78 | 920 | 0 | 35 | 7.55% |
| 2010 | 906 | 68 | 930 | 0 | 27 | 6.63% |
| 2011 | 674 | 34 | 648 | 0 | 31 | 4.77% |
| 2012 | 835 | 37 | 771 | 1 | 11 | 4.63% |
| 2013 | 811 | 59 | 653 | 14 | 10 | 9.92% |
| 2014 | 787 | 84 | 652 | 15 | 10 | 13.01% |
| 2015 | 722 | 29 | 709 | 4 | 5 | 4.42% |
| 2016 | 688 | 15 | 680 | 4 | 11 | 2.68% |
| 2017 | 684 | 26 | 689 | 7 | 11 | 4.50% |
| 2018 | 683 | 11 | 624 | 3 | 4 | 2.18% |

- Note: 1. The above statistics are based on figures published by the Petitions and Appeals Committee, MOEA.
 2. The "Administrative Appeals Rejected" column includes cases inadmissible and rejected. The "Other Concluded Cases" column includes withdrawals by appellants, jurisdictional transfers, and consolidated reviews.
 3. The "Others" category for concluded appeals refers to partial rejection and partial cancellation.

6. Trademark Administrative Litigation Processed by the Intellectual Property Court

| Year | Item | Cases Received | Cases Concluded | | | | | | | |
|------|------|----------------|-----------------|---------------|----------------|---------------------|------------|-------------|--------|-------|
| | | | Withdrawn | Plaintiff Won | Plaintiff Lost | Partially Sustained | Dismissals | Settlements | Others | Total |
| 2009 | | 263 | 10 | 20 | 197 | 11 | 13 | 10 | 1 | 262 |
| 2010 | | 254 | 14 | 14 | 188 | 14 | 12 | 1 | 0 | 243 |
| 2011 | | 173 | 9 | 16 | 162 | 16 | 8 | 5 | 1 | 217 |
| 2012 | | 192 | 8 | 18 | 122 | 19 | 1 | 3 | 0 | 171 |
| 2013 | | 157 | 6 | 21 | 118 | 11 | 6 | 3 | 0 | 165 |
| 2014 | | 162 | 9 | 19 | 120 | 9 | 3 | 1 | 0 | 161 |
| 2015 | | 159 | 17 | 20 | 96 | 8 | 4 | 3 | 0 | 148 |
| 2016 | | 158 | 9 | 14 | 119 | 3 | 6 | 2 | 0 | 153 |
| 2017 | | 176 | 12 | 16 | 105 | 3 | 5 | 7 | 0 | 148 |
| 2018 | | 117 | 17 | 19 | 117 | 5 | 6 | 1 | 0 | 165 |

Note: 1. The above statistics are provided by the Intellectual Property Court. "Plaintiff Won" and "Partially Sustained" include appeals filed against the Ministry of Economic Affairs whose appeal decisions were revoked.

2. "Settlements" refer to cases concluded by the IP Court after the litigants' mutual concession to the disputes and the reaching of an agreement.

7. Residents and Non-Residents Trademark Applications (By Case)

| Year | Item | Residents | Non-Residents |
|------|------|-----------|---------------|
| 2009 | | 47,009 | 12,677 |
| 2010 | | 50,998 | 15,498 |
| 2011 | | 50,895 | 16,725 |
| 2012 | | 55,696 | 18,661 |
| 2013 | | 55,338 | 18,693 |
| 2014 | | 56,217 | 19,716 |
| 2015 | | 57,356 | 21,167 |
| 2016 | | 57,548 | 21,752 |
| 2017 | | 61,215 | 22,587 |
| 2018 | | 59,840 | 24,976 |

Note: TIPO began accepting applications for joint ownership of trademark on July 13, 2006. The numbers in this table are counted by the number of applicants' nationalities.

8. Residents and Non-Residents Trademark Registrations (By Case)

| Year \ Item | Residents | Non-Residents |
|-------------|-----------|---------------|
| 2009 | 35,650 | 12,425 |
| 2010 | 41,410 | 12,882 |
| 2011 | 36,687 | 11,628 |
| 2012 | 45,659 | 16,259 |
| 2013 | 44,174 | 16,383 |
| 2014 | 48,728 | 17,529 |
| 2015 | 45,233 | 17,760 |
| 2016 | 48,828 | 19,349 |
| 2017 | 53,202 | 21,024 |
| 2018 | 50,463 | 21,346 |

C. Statistics of Trademarks by Class and Nationality

1. Trademark Applications and Registrations by Class (2016-2018)

| Class | Application | | | Registration | | |
|--------------|-------------|---------|---------|--------------|--------|--------|
| | 2016 | 2017 | 2018 | 2016 | 2017 | 2018 |
| Total | 101,257 | 108,656 | 109,979 | 88,196 | 96,655 | 93,974 |
| 1 | 1,328 | 1,457 | 1,342 | 1,174 | 1,251 | 1,340 |
| 2 | 390 | 338 | 325 | 303 | 356 | 348 |
| 3 | 6,838 | 6,818 | 7,079 | 5,400 | 6,337 | 5,483 |
| 4 | 475 | 520 | 470 | 422 | 446 | 476 |
| 5 | 5,963 | 6,754 | 6,781 | 4,838 | 5,765 | 5,519 |
| 6 | 947 | 967 | 949 | 826 | 983 | 873 |
| 7 | 1,903 | 2,083 | 2,140 | 1,696 | 1,888 | 2,110 |
| 8 | 716 | 746 | 662 | 646 | 724 | 689 |
| 9 | 7,572 | 8,325 | 8,583 | 6,829 | 7,057 | 7,934 |
| 10 | 1,729 | 1,821 | 1,845 | 1,455 | 1,840 | 1,545 |
| 11 | 2,087 | 2,046 | 1,922 | 1,780 | 1,876 | 2,018 |
| 12 | 1,709 | 1,699 | 1,613 | 1,564 | 1,515 | 1,581 |
| 13 | 61 | 73 | 79 | 53 | 57 | 77 |
| 14 | 1,242 | 1,383 | 1,393 | 1,292 | 1,278 | 1,273 |

| Class | Application | | | Registration | | |
|-------|-------------|--------|--------|--------------|--------|--------|
| | 2016 | 2017 | 2018 | 2016 | 2017 | 2018 |
| 15 | 187 | 164 | 156 | 138 | 185 | 140 |
| 16 | 2,702 | 2,935 | 2,860 | 2,473 | 2,686 | 2,729 |
| 17 | 599 | 537 | 553 | 562 | 586 | 548 |
| 18 | 2,226 | 2,218 | 2,166 | 2,153 | 2,244 | 1,901 |
| 19 | 423 | 529 | 506 | 410 | 463 | 457 |
| 20 | 1,478 | 1,602 | 1,652 | 1,384 | 1,566 | 1,411 |
| 21 | 2,092 | 2,284 | 2,182 | 1,873 | 2,028 | 2,107 |
| 22 | 219 | 230 | 225 | 206 | 215 | 213 |
| 23 | 99 | 90 | 100 | 89 | 84 | 87 |
| 24 | 1,066 | 986 | 1,096 | 868 | 1,065 | 912 |
| 25 | 4,598 | 4,602 | 4,358 | 3,971 | 4,388 | 3,657 |
| 26 | 343 | 383 | 334 | 330 | 378 | 313 |
| 27 | 296 | 250 | 267 | 196 | 309 | 227 |
| 28 | 1,996 | 2,287 | 2,196 | 1,956 | 2,015 | 1,939 |
| 29 | 3,648 | 4,025 | 4,075 | 3,156 | 3,544 | 3,328 |
| 30 | 7,074 | 7,407 | 7,216 | 5,800 | 6,343 | 5,934 |
| 31 | 1,454 | 1,586 | 1,537 | 1,259 | 1,374 | 1,266 |
| 32 | 2,142 | 2,167 | 2,197 | 1,549 | 1,932 | 1,708 |
| 33 | 944 | 1,000 | 1,031 | 744 | 855 | 893 |
| 34 | 372 | 324 | 320 | 364 | 313 | 305 |
| 35 | 11,362 | 12,938 | 13,597 | 10,286 | 11,158 | 11,301 |
| 36 | 1,372 | 1,632 | 1,887 | 1,293 | 1,424 | 1,435 |
| 37 | 1,319 | 1,445 | 1,520 | 1,193 | 1,304 | 1,333 |
| 38 | 1,209 | 1,340 | 1,346 | 1,131 | 1,185 | 1,124 |
| 39 | 1,068 | 1,133 | 1,085 | 1,053 | 977 | 966 |
| 40 | 626 | 694 | 668 | 591 | 641 | 652 |
| 41 | 4,746 | 5,400 | 5,440 | 4,131 | 4,537 | 4,623 |
| 42 | 3,139 | 3,427 | 3,956 | 2,843 | 2,907 | 3,180 |
| 43 | 6,746 | 7,076 | 7,226 | 5,557 | 5,897 | 5,599 |
| 44 | 1,757 | 1,945 | 2,041 | 1,470 | 1,718 | 1,607 |
| 45 | 995 | 990 | 1,003 | 889 | 961 | 813 |

Note: The above figures do not include the applications and registrations of certification mark and collective membership mark.

2. Trademark Applications by Nationality in 2018 (By Case)

| Nationality | Application | Percentage | Nationality | Application | Percentage |
|---------------------------|-------------|------------|----------------------|-------------|------------|
| TAIWAN, REPUBLIC OF CHINA | 59,840 | 70.55% | SEYCHELLES | 44 | 0.05% |
| MAINLAND CHINA | 5,770 | 6.80% | NORWAY | 41 | 0.05% |
| JAPAN | 4,728 | 5.57% | UNITED ARAB EMIRATES | 40 | 0.05% |
| UNITED STATES OF AMERICA | 4,187 | 4.94% | RUSSIAN FEDERATION | 37 | 0.04% |
| HONG KONG | 1,649 | 1.94% | MEXICO | 29 | 0.03% |
| REPUBLIC OF KOREA | 1,440 | 1.70% | CZECH REPUBLIC | 28 | 0.03% |
| GERMANY | 862 | 1.02% | TURKEY | 28 | 0.03% |
| FRANCE | 758 | 0.89% | ISRAEL | 27 | 0.03% |
| UNITED KINGDOM | 598 | 0.71% | MACAO | 26 | 0.03% |
| SWITZERLAND | 526 | 0.62% | BELIZE | 25 | 0.03% |
| SINGAPORE | 446 | 0.53% | INDIA | 23 | 0.03% |
| ITALY | 443 | 0.52% | PHILIPPINES | 23 | 0.03% |
| CAYMAN ISLANDS | 382 | 0.45% | POLAND | 22 | 0.03% |
| MALAYSIA | 292 | 0.34% | BERMUDA | 17 | 0.02% |
| THAILAND | 275 | 0.32% | ICELAND | 17 | 0.02% |
| AUSTRALIA | 261 | 0.31% | MALTA | 17 | 0.02% |
| BRITISH VIRGIN ISLANDS | 239 | 0.28% | BRAZIL | 15 | 0.02% |
| CANADA | 230 | 0.27% | MONACO | 13 | 0.02% |
| NETHERLANDS | 180 | 0.21% | MAURITIUS | 12 | 0.01% |
| SPAIN | 140 | 0.17% | BULGARIA | 11 | 0.01% |
| SWEDEN | 103 | 0.12% | BARBADOS | 9 | 0.01% |
| SAMOA | 101 | 0.12% | GREECE | 9 | 0.01% |
| NEW ZEALAND | 97 | 0.11% | PORTUGAL | 9 | 0.01% |
| BELGIUM | 92 | 0.11% | ANGUILLA | 8 | 0.01% |
| INDONESIA | 79 | 0.09% | SAUDI ARABIA | 8 | 0.01% |
| DENMARK | 67 | 0.08% | CHILE | 7 | 0.01% |
| IRELAND | 62 | 0.07% | CYPRUS | 7 | 0.01% |
| FINLAND | 61 | 0.07% | ARGENTINA | 6 | 0.01% |
| LUXEMBOURG | 56 | 0.07% | ESTONIA | 6 | 0.01% |
| AUSTRIA | 54 | 0.06% | ISLE OF MAN | 6 | 0.01% |
| LIECHTENSTEIN | 53 | 0.06% | OTHERS | 122 | 0.14% |
| VIETNAM | 53 | 0.06% | | | |

| | Subtotal | Ratio |
|---------------|---------------|----------------|
| Residents | 59,840 | 70.55% |
| Non-Residents | 24,976 | 29.45% |
| Total | 84,816 | 100.00% |

Note: 1. Receipt of applications for joint ownership of trademark began on July 13, 2006. The numbers in this table are counted by the number of applicants' nationalities.

2. Countries with fewer than five applications are listed as "Others."

3. Trademark Registrations by Nationality in 2018 (By Case)

| Nationality | Registration | Percentage | Nationality | Registration | Percentage |
|---------------------------|--------------|------------|----------------------|--------------|------------|
| TAIWAN, REPUBLIC OF CHINA | 50,463 | 70.27% | AUSTRIA | 58 | 0.08% |
| MAINLAND CHINA | 4,661 | 6.49% | FINLAND | 54 | 0.08% |
| JAPAN | 3,759 | 5.23% | SEYCHELLES | 53 | 0.07% |
| UNITED STATES OF AMERICA | 3,536 | 4.92% | RUSSIAN FEDERATION | 40 | 0.06% |
| HONG KONG | 1,448 | 2.02% | BELIZE | 35 | 0.05% |
| REPUBLIC OF KOREA | 1,369 | 1.91% | NORWAY | 34 | 0.05% |
| GERMANY | 828 | 1.15% | UNITED ARAB EMIRATES | 31 | 0.04% |
| FRANCE | 581 | 0.81% | LIECHTENSTEIN | 30 | 0.04% |
| SWITZERLAND | 557 | 0.78% | PHILIPPINES | 26 | 0.04% |
| UNITED KINGDOM | 508 | 0.71% | TURKEY | 25 | 0.03% |
| SINGAPORE | 462 | 0.64% | VIETNAM | 24 | 0.03% |
| ITALY | 366 | 0.51% | POLAND | 19 | 0.03% |
| CAYMAN ISLANDS | 297 | 0.41% | PORTUGAL | 19 | 0.03% |
| BRITISH VIRGIN ISLANDS | 275 | 0.38% | BULGARIA | 18 | 0.03% |
| AUSTRALIA | 261 | 0.36% | MACAO | 18 | 0.03% |
| THAILAND | 252 | 0.35% | BERMUDA | 13 | 0.02% |
| CANADA | 181 | 0.25% | CZECH REPUBLIC | 13 | 0.02% |
| MALAYSIA | 176 | 0.25% | ICELAND | 13 | 0.02% |
| NETHERLANDS | 170 | 0.24% | MAURITIUS | 13 | 0.02% |
| SWEDEN | 118 | 0.16% | MEXICO | 13 | 0.02% |
| NEW ZEALAND | 114 | 0.16% | BRAZIL | 10 | 0.01% |
| SPAIN | 108 | 0.15% | CHILE | 10 | 0.01% |
| SAMOA | 101 | 0.14% | GREECE | 9 | 0.01% |
| BELGIUM | 91 | 0.13% | BARBADOS | 8 | 0.01% |
| LUXEMBOURG | 83 | 0.12% | HUNGARY | 8 | 0.01% |
| INDIA | 73 | 0.10% | EL SALVADOR | 8 | 0.01% |
| DENMARK | 68 | 0.09% | CYPRUS | 6 | 0.01% |
| INDONESIA | 61 | 0.08% | SOUTH AFRICA | 6 | 0.01% |
| ISRAEL | 60 | 0.08% | OTHERS | 109 | 0.15% |
| IRELAND | 59 | 0.08% | | | |

| | Subtotal | Ratio |
|---------------|----------|---------|
| Residents | 50,463 | 70.27% |
| Non-Residents | 21,346 | 29.73% |
| Total | 71,809 | 100.00% |

Note: Countries with fewer than five registrations are listed as "Others".

D. Statistics on Certification Mark and Collective Membership Mark

| Year | Item | Certification Mark | | Collective Membership Mark | |
|------|------|--------------------|--------------|----------------------------|--------------|
| | | Application | Registration | Application | Registration |
| 2009 | | 43 | 27 | 57 | 41 |
| 2010 | | 33 | 39 | 83 | 55 |
| 2011 | | 64 | 21 | 70 | 56 |
| 2012 | | 37 | 42 | 71 | 39 |
| 2013 | | 41 | 30 | 64 | 54 |
| 2014 | | 31 | 37 | 72 | 48 |
| 2015 | | 43 | 31 | 58 | 56 |
| 2016 | | 27 | 26 | 47 | 52 |
| 2017 | | 41 | 30 | 61 | 36 |
| 2018 | | 46 | 29 | 49 | 39 |

III. Top 20 e-Filing and e-Delivery Patent and Trademark Attorneys and Agents in 2018

1. Top 20 e-Filing Attorneys and Agents in 2018

| Patent | | | Trademark | | |
|---------|--|------------------|-----------|---|------------------|
| Ranking | Attorney/Agent | Rate of e-filing | Ranking | Attorney/Agent | Rate of e-filing |
| 1 | Lee and Li, Attorneys-at-Law | 22.32% | 1 | Lee and Li, Attorneys-at-Law | 11.62% |
| 2 | Jianq Chyun Intellectual Property Office | 11.30% | 2 | Saint Island International Patent & Law Offices | 8.90% |
| 3 | Taiwan International Patent & Law Office | 9.35% | 3 | Tai E International Patent & Law Office | 4.03% |
| 4 | TSAI, LEE & CHEN Patent Attorneys & Attorneys at Law | 4.34% | 4 | Taiwan International Patent & Law Office | 3.24% |
| 5 | Saint Island International Patent & Law Offices | 4.07% | 5 | Baker & Mckenzie | 2.84% |
| 6 | Tai E International Patent & Law Office | 3.12% | 6 | Peter J. Dernbach | 2.80% |
| 7 | Top Team International Patent & Trademark Office | 2.83% | 7 | Oger International Patent & Trademark Office | 2.33% |
| 8 | AIPT Patent, Trademark & Law Office | 2.10% | 8 | Jaw-Hwa International Patent & Trademark & Law Offices | 1.75% |
| 9 | North America Union Patent & Trademark Office | 1.89% | 8 | Asia Lih Intellectual Property Office | 1.75% |
| 10 | Taiwan Advance Patent & Trademark Office | 1.60% | 10 | Gold Keen Intellectual Property Office | 1.56% |
| 11 | Wideband IP Office | 1.46% | 11 | Long River International Patent, Trademark & Law Office | 1.49% |
| 12 | JOU & JOU Patent Offices | 1.35% | 12 | Show Brand Intellectual Property Office | 1.31% |
| 13 | Hua Ding International Patent & Trademark & Law Joint Office | 1.34% | 13 | World Patent & Trademark Law Office | 1.30% |
| 14 | SUNDIAL Intellectual Property Law Firm | 1.16% | 14 | AIPT Patent, Trademark & Law Office | 1.29% |
| 15 | Taiwan Mastermind Intellectual Property Office | 0.88% | 15 | Nan E International Patent & Trademark Office | 1.20% |
| 16 | World Patent & Trademark Law Office | 0.85% | 16 | Titan International Patent & Trademark Office | 1.15% |
| 17 | Long River International Patent, Trademark & Law Office | 0.81% | 16 | Taiwan Patent and Trademark Office | 1.15% |
| 18 | ScienBiziP Law Offices of International Commerce | 0.79% | 18 | Yong Hsin International Patent and Trademark Office | 0.98% |
| 19 | Jaw-Hwa International Patent & Trademark & Law Offices | 0.76% | 18 | FLYING Intellectual Property Law Office | 0.98% |
| 20 | WISPRO Law Office Of International Commerce | 0.75% | 20 | Five Continents International Patent & Trademark Office | 0.91% |

2. Top 20 e-Delivery Attorneys and Agents in 2018

| Patent | | | Trademark | | |
|---------|---|--------------------|-----------|---|--------------------|
| Ranking | Attorney | Rate of e-Delivery | Ranking | Attorney | Rate of e-Delivery |
| 1 | Lee and Li, Attorneys-at-Law | 13.84% | 1 | Saint Island International Patent & Law Offices | 10.86% |
| 2 | Taiwan International Patent & Law Office | 11.05% | 2 | Tai E International Patent & Law Office | 9.77% |
| 3 | Saint Island International Patent & Law Offices | 6.96% | 3 | Lee and Li, Attorneys-at-Law | 8.28% |
| 4 | Jianq Chyun Intellectual Property Office | 6.82% | 4 | Taiwan International Patent & Law Office | 4.44% |
| 5 | Tai E International Patent & Law Office | 5.46% | 5 | Baker & Mckenzie | 2.16% |
| 6 | TSAI, LEE & CHEN Patent Attorneys & Attorneys at Law | 5.42% | 6 | Winkler Partners | 2.12% |
| 7 | Top Team International Patent & Trademark Office | 3.24% | 7 | TSAI, LEE & CHEN Patent Attorneys & Attorneys at Law | 2.09% |
| 8 | Louis International Patent Office | 2.71% | 8 | WENPING & CO. International Patent & Trademark Office | 1.91% |
| 9 | Li & Cai Intellectual Property Office | 2.06% | 9 | Union Patent Service Center | 1.76% |
| 10 | WENPING & CO. International Patent & Trademark Office | 1.94% | 10 | Jaw-Hwa International Patent & Trademark & Law Offices | 1.69% |
| 11 | North America Union Patent & Trademark Office | 1.53% | 11 | Asia Lih Intellectual Property Office | 1.50% |
| 12 | AIPT Patent, Trademark & Law Office | 1.42% | 12 | AIPT Patent, Trademark & Law Office | 1.48% |
| 13 | Long River International Patent, Trademark & Law Office | 1.33% | 13 | Long River International Patent, Trademark & Law Office | 1.46% |
| 14 | Union Patent Service Center | 1.26% | 14 | Nan E International Patent & Trademark Office | 1.28% |
| 15 | JOU & JOU Patent Offices | 1.25% | 14 | Taiwan Advance Patent & Trademark Office | 1.28% |
| 16 | Tsar & Tsai Law Firm | 1.08% | 16 | Tsar & Tsai Law Firm | 1.24% |
| 17 | SUNDIAL Intellectual Property Law Firm | 1.06% | 17 | Giant Group International Patent Trademark & Law Office | 1.15% |
| 18 | Taiwan Advance Patent & Trademark Office | 0.98% | 18 | Wanlin International Trademark Office | 1.05% |
| 19 | Wideband IP Office | 0.74% | 19 | Taiwan Patent and Trademark Office | 1.00% |
| 19 | Giant Group International Patent Trademark & Law Office | 0.74% | 20 | Mission International Patent & Trademark Office | 0.95% |