

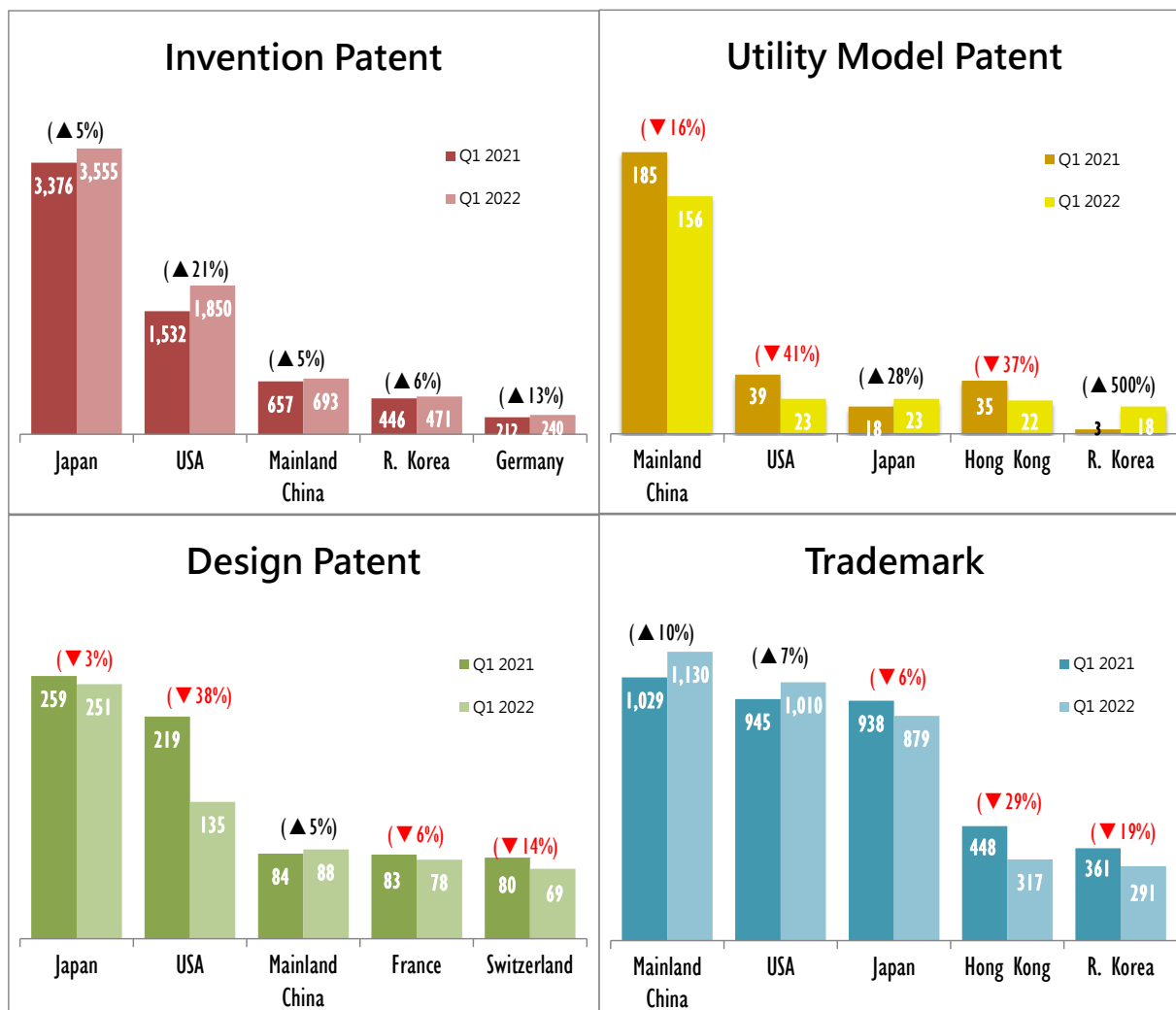
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Table 1. Number of Patent and Trademark Applications in Past Quarters

|      | Overall Patent                     |          |              | Invention Patent                     |          |              | Utility Model Patent                     |          |              | Design Patent                     |          |              | Trademark                     |          |              |
|------|------------------------------------|----------|--------------|--------------------------------------|----------|--------------|------------------------------------------|----------|--------------|-----------------------------------|----------|--------------|-------------------------------|----------|--------------|
|      | Subtotal                           | Resident | Non-Resident | Subtotal                             | Resident | Non-Resident | Subtotal                                 | Resident | Non-Resident | Subtotal                          | Resident | Non-Resident | Subtotal                      | Resident | Non-Resident |
| 2020 |                                    |          |              |                                      |          |              |                                          |          |              |                                   |          |              |                               |          |              |
| Q1   | 16,680                             | 8,384    | 8,296        | 10,970                               | 3,966    | 7,004        | 3,800                                    | 3,572    | 228          | 1,910                             | 846      | 1,064        | 20,310                        | 15,008   | 5,302        |
| Q2   | 17,274                             | 9,873    | 7,401        | 10,941                               | 4,657    | 6,284        | 4,527                                    | 4,265    | 262          | 1,806                             | 951      | 855          | 23,075                        | 17,835   | 5,240        |
| Q3   | 18,895                             | 10,396   | 8,499        | 12,013                               | 4,963    | 7,050        | 4,681                                    | 4,351    | 330          | 2,201                             | 1,082    | 1,119        | 26,113                        | 20,493   | 5,620        |
| Q4   | 19,389                             | 10,751   | 8,638        | 12,740                               | 5,426    | 7,314        | 4,547                                    | 4,257    | 290          | 2,102                             | 1,068    | 1,034        | 24,591                        | 18,834   | 5,757        |
| 2021 |                                    |          |              |                                      |          |              |                                          |          |              |                                   |          |              |                               |          |              |
| Q1   | 17,156                             | 8,754    | 8,402        | 11,888                               | 4,742    | 7,146        | 3,554                                    | 3,238    | 316          | 1,714                             | 774      | 940          | 22,385                        | 16,940   | 5,445        |
| Q2   | 18,108                             | 9,772    | 8,336        | 11,988                               | 5,007    | 6,981        | 4,124                                    | 3,841    | 283          | 1,996                             | 924      | 1,072        | 23,994                        | 18,108   | 5,886        |
| Q3   | 18,139                             | 9,354    | 8,785        | 12,248                               | 4,829    | 7,419        | 3,912                                    | 3,607    | 305          | 1,979                             | 918      | 1,061        | 24,699                        | 19,079   | 5,620        |
| Q4   | 19,210                             | 9,744    | 9,466        | 12,992                               | 4,969    | 8,023        | 4,206                                    | 3,857    | 349          | 2,012                             | 918      | 1,094        | 24,839                        | 19,247   | 5,592        |
| 2022 |                                    |          |              |                                      |          |              |                                          |          |              |                                   |          |              |                               |          |              |
| Q1   | 17,498                             | 8,515    | 8,983        | 12,534                               | 4,697    | 7,837        | 3,328                                    | 3,041    | 287          | 1,636                             | 777      | 859          | 22,450                        | 17,358   | 5,092        |
|      | Growth Rate of Overall Patents (%) |          |              | Growth Rate of Invention Patents (%) |          |              | Growth Rate of Utility Model Patents (%) |          |              | Growth Rate of Design Patents (%) |          |              | Growth Rate of Trademarks (%) |          |              |
|      | Subtotal                           | Resident | Non-Resident | Subtotal                             | Resident | Non-Resident | Subtotal                                 | Resident | Non-Resident | Subtotal                          | Resident | Non-Resident | Subtotal                      | Resident | Non-Resident |
| 2020 |                                    |          |              |                                      |          |              |                                          |          |              |                                   |          |              |                               |          |              |
| Q1   | -3                                 | -4       | -3           | -3                                   | -2       | -3           | -4                                       | -3       | -15          | -4                                | -10      | 2            | 4                             | 7        | -3           |
| Q2   | -6                                 | 1        | -13          | -5                                   | 4        | -10          | -0.4                                     | -1       | 2            | -21                               | -7       | -32          | 3                             | 12       | -20          |
| Q3   | -0.4                               | 3        | -4           | -2                                   | 1        | -4           | 5                                        | 5        | 9            | -3                                | 5        | -9           | 17                            | 30       | -14          |
| Q4   | -4                                 | -2       | -5           | -4                                   | -1       | -5           | -2                                       | -1       | -15          | -8                                | -12      | -3           | 9                             | 16       | -9           |
| 2021 |                                    |          |              |                                      |          |              |                                          |          |              |                                   |          |              |                               |          |              |
| Q1   | 3                                  | 4        | 1            | 8                                    | 20       | 2            | -6                                       | -9       | 39           | -10                               | -9       | -12          | 10                            | 13       | 3            |
| Q2   | 5                                  | -1       | 13           | 10                                   | 8        | 11           | -9                                       | -10      | 8            | 11                                | -3       | 25           | 4                             | 2        | 12           |
| Q3   | -4                                 | -10      | 3            | 2                                    | -3       | 5            | -16                                      | -17      | -8           | -10                               | -15      | -5           | -5                            | -7       | -            |
| Q4   | -1                                 | -9       | 10           | 2                                    | -8       | 10           | -7                                       | -9       | 20           | -4                                | -14      | 6            | 1                             | 2        | -3           |
| 2022 |                                    |          |              |                                      |          |              |                                          |          |              |                                   |          |              |                               |          |              |
| Q1   | 2                                  | -3       | 7            | 5                                    | -1       | 10           | -6                                       | -6       | -9           | -5                                | 0.4      | -9           | 0.3                           | 2        | -6           |

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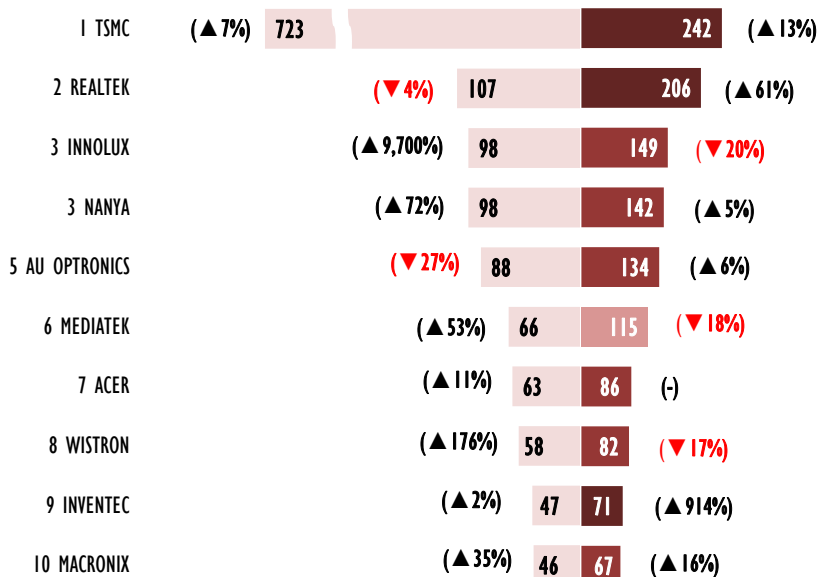
Figure 1. Top 5 Filing Countries (Regions)



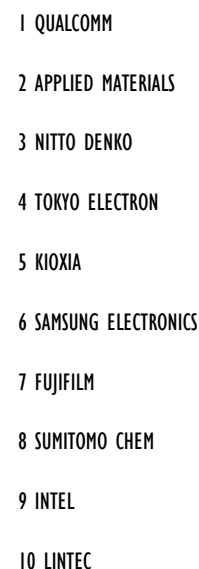
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Figure 2. Top 10 Invention Patent Applicants

Top Domestic Applicants



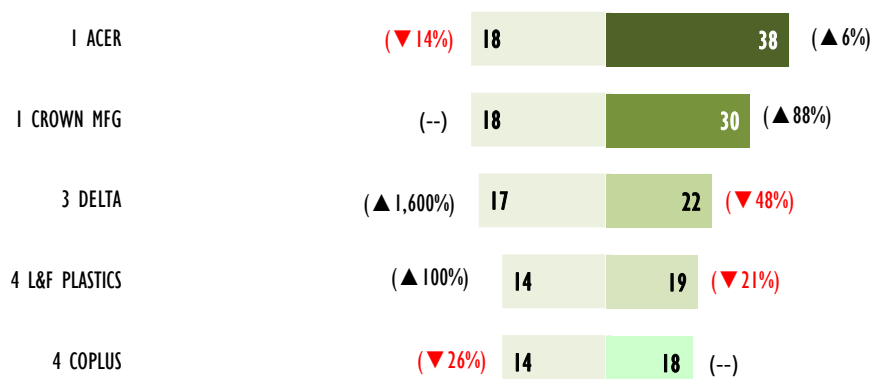
Top Foreign Applicants



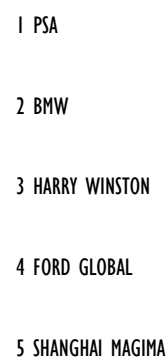
■ USA ■ Japan ■ R. Korea

Figure 3. Top 5 Design Patent Applicants

Top Domestic Applicants



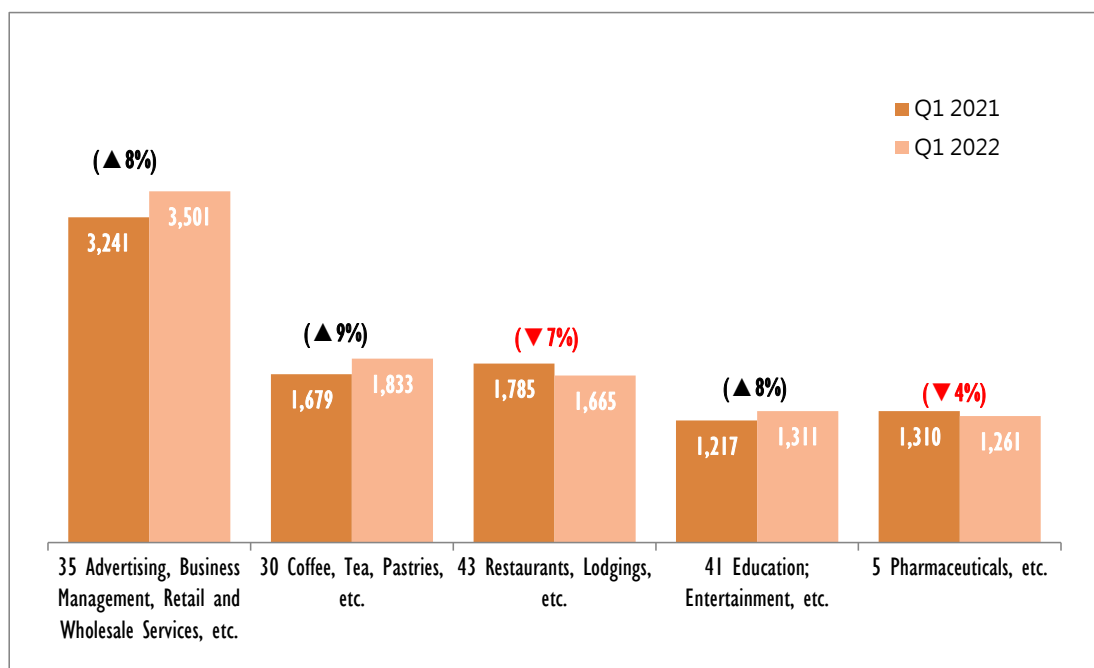
Top Foreign Applicants



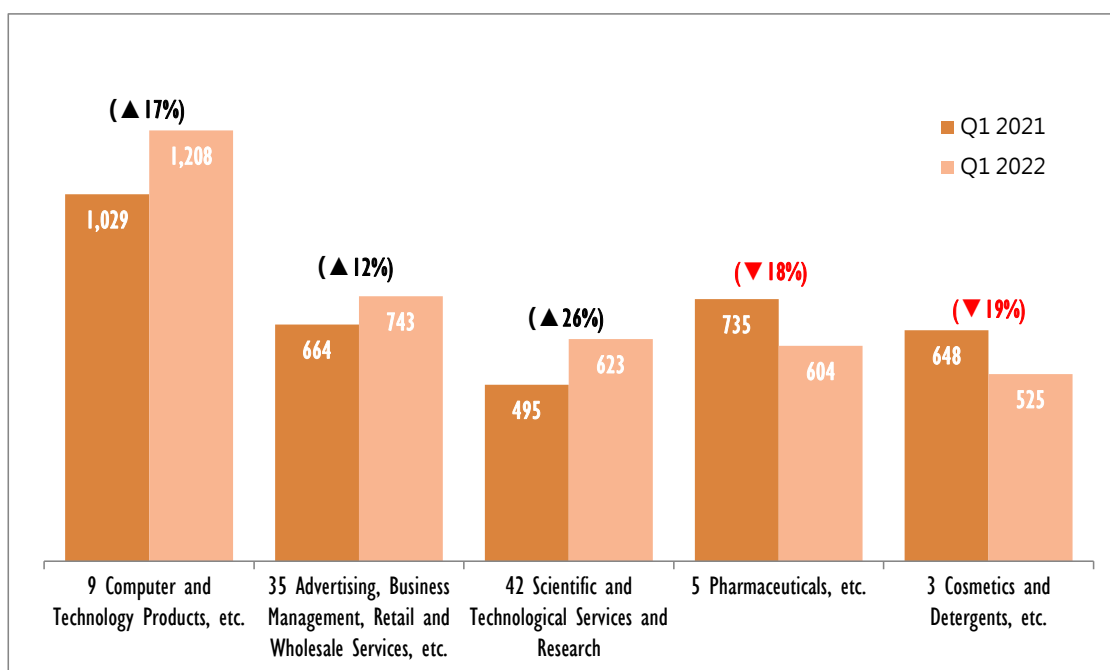
■ France ■ Germany ■ Switzerland ■ USA ■ Mainland China

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**Figure 4. Top 5 Classes for Resident Trademark Applications**



**Figure 5. Top 5 Classes for Non-Resident Trademark Applications**



Note: Class 42 "Scientific and Technological Services and Research" includes computer programming, technological research in the field of environmental protection, energy conservation, and bio-medical research, etc.

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**Table 2. Top 10 Domestic Trademark Applicants**

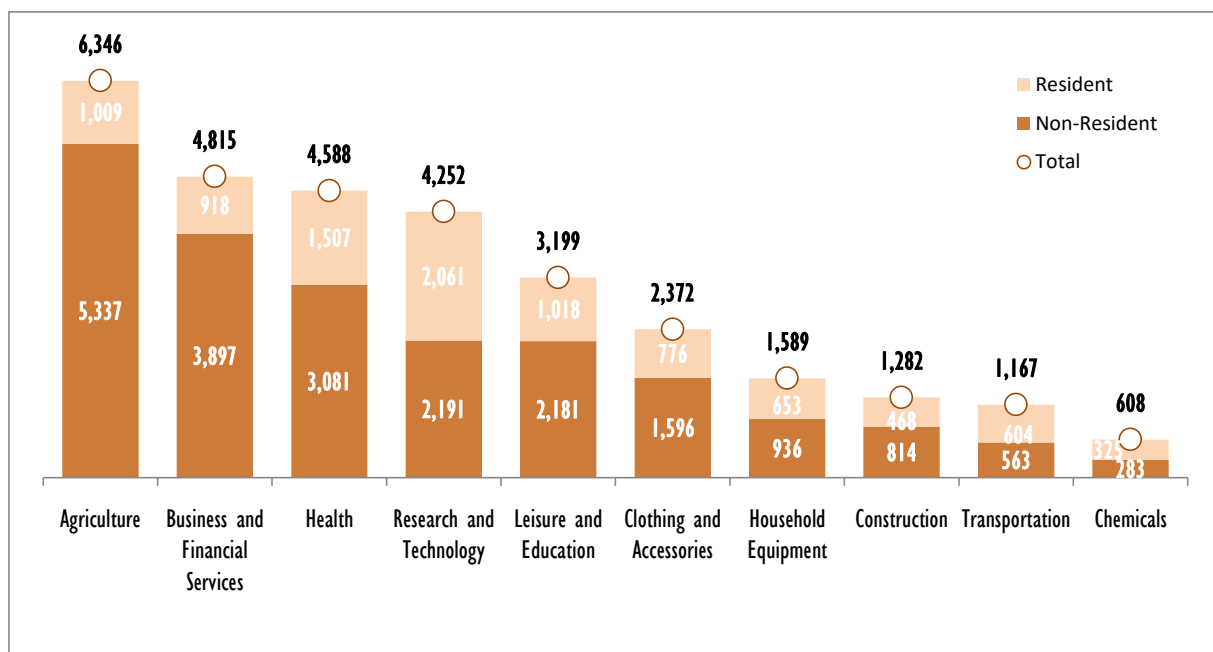
| Rank | Applicant                                        | Q1   |      | Growth Rate (%) |
|------|--------------------------------------------------|------|------|-----------------|
|      |                                                  | 2021 | 2022 |                 |
| 1    | UNI-PRESIDENT ENTERPRISES CORP.                  | 48   | 220  | 358             |
| 2    | CHI MEI CORPORATION                              | -    | 90   | --              |
| 3    | HONEST SUNSHINE AQUACULTURE TECHNOLOGY CO., LTD. | -    | 72   | --              |
| 4    | KING CAR FOOD INDUSTRIAL CO., LTD.               | 33   | 67   | 103             |
| 5    | LONGWALK SOCIAL ENTERPRISE, CO., LTD.            | -    | 55   | --              |
| 6    | WOWPRIME CORP.                                   | -    | 52   | --              |
| 7    | ACELON CHEMICALS & FIBER CORPORATION             | -    | 48   | --              |
| 8    | HOPE SONG INTERNATIONAL ENTERPRISE CO.LTD.       | 14   | 45   | 221             |
| 9    | YU XIANG YAN                                     | -    | 44   | --              |
| 10   | LUNGYEN LIFE SERVICE CORPORATION                 | -    | 40   | --              |

**Table 3. Top 10 Foreign Trademark Applicants**

| Rank | Nationality    | Applicant                                          | Q1   |      | Growth Rate (%) |
|------|----------------|----------------------------------------------------|------|------|-----------------|
|      |                |                                                    | 2021 | 2022 |                 |
| 1    | Mainland China | GUANGDONG LONGSHUN INTERNATIONAL LOGISTICS CO.,LTD | 1    | 76   | 7,500           |
| 2    | Hong Kong      | CASETAGRAM LIMITED                                 | 15   | 61   | 307             |
| 3    | USA            | JOHNSON & JOHNSON                                  | 54   | 31   | -43             |
| 4    | Hong Kong      | MEDIALINK ENTERTAINMENT LIMITED                    | -    | 30   | --              |
| 5    | Mainland China | DAVINCI TECH                                       | -    | 28   | --              |
| 6    | Hong Kong      | GOLDEN CONCORD HOLDINGS LIMITED                    | -    | 24   | --              |
| 7    | Mainland China | SINOCHEM CORPORATION                               | 8    | 23   | 188             |
| 8    | USA            | AMAZON TECHNOLOGIES, INC.                          | 41   | 21   | -49             |
| 9    | Switzerland    | PHILIP MORRIS PRODUCTS, S.A.                       | 35   | 20   | -43             |
| 9    | Mainland China | FUJIAN FUBANG FOODSTUFF CO.,LTD.                   | -    | 20   | --              |

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**Figure 6. Trademark Applications in the Top 10 Industries**



Note 1: The top ten industry categories are based on the Nice Classification defined in the *World Intellectual Property Indicators 2020* published by the World Intellectual Property Organization (WIPO).

Note 2: "Research and Technology" include devices and instruments, audio/video equipment, telecommunication services, technological services, and related designs for the purpose of scientific research.