

INTELLECTUAL PROPERTY

December 12, 2023

Motohiro Makino

General Manager,

Intellectual Property Division



1. INTELLECTUAL PROPERTY AND INTELLECTUAL PROPERTY ACTIVITIES



1. Intellectual Property and Intellectual Property Activities | Konica Minolta's Intellectual Property

Number of Patent Rights Owned

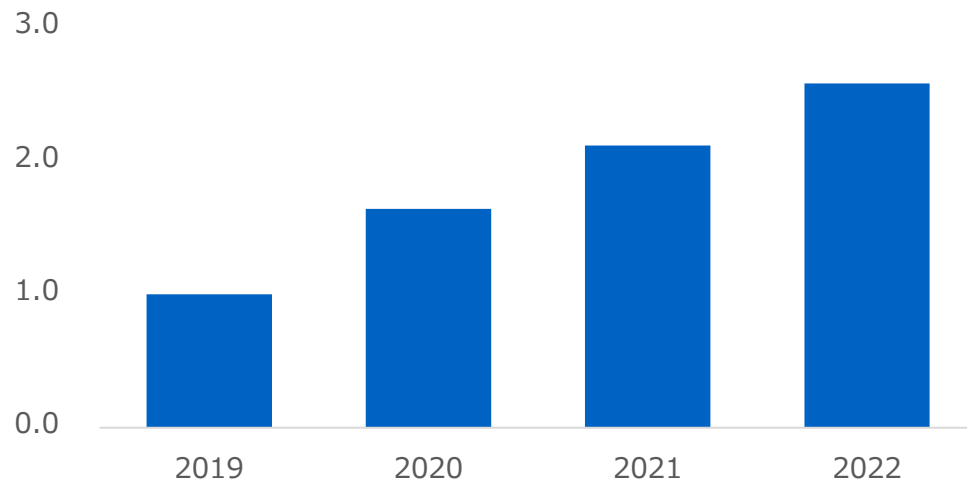
Nearly **20,000**
Domestic and overseas in total

In Japan **19th ***
In US **32nd ***
Ranked
among Japanese corporations

*According to our research

Trends in Patent Value *

Trends in index with FY2019 as 1



*The value obtained by dividing the right holder score provided by Patent Result Co., Ltd.'s "Biz Cruncher" by the number of active patents.

Outside Evaluations for Intellectual Property

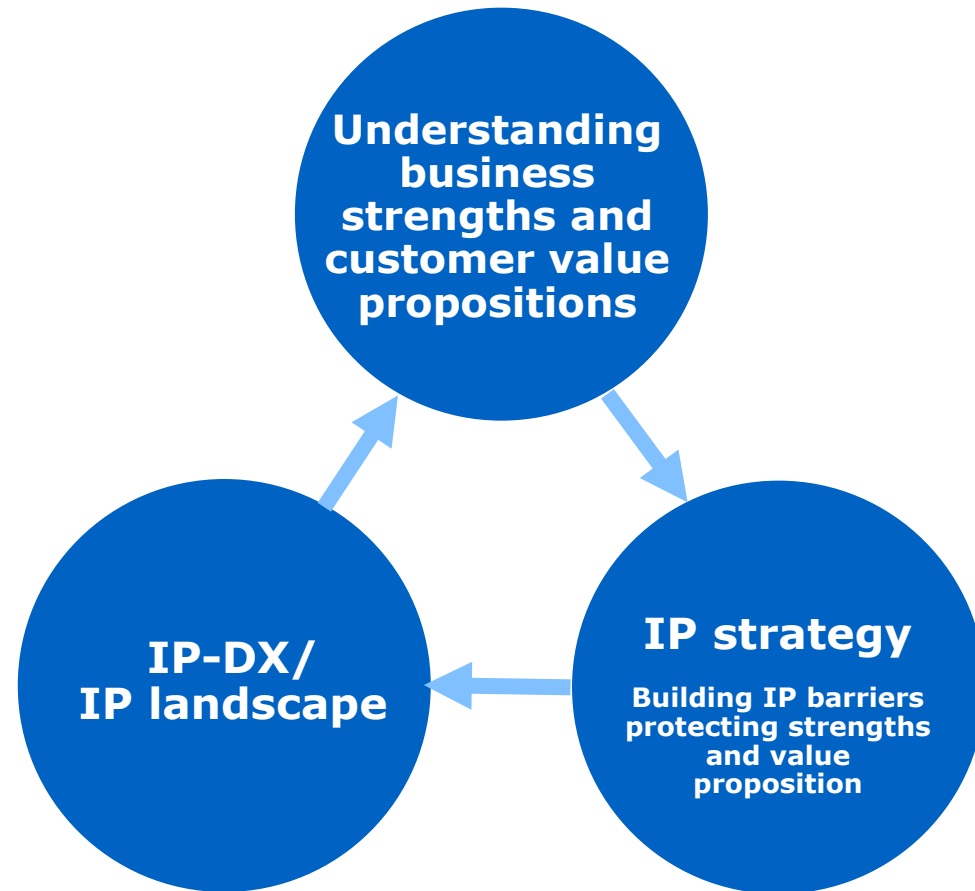
Clarivate Top 100
Global Innovator for the
second consecutive year

Evaluating excellence in view of "Influence",
"Success", "Globalization" and "Rarity"
Recognizing top 100 Global innovative
companies and organizations from the evaluation

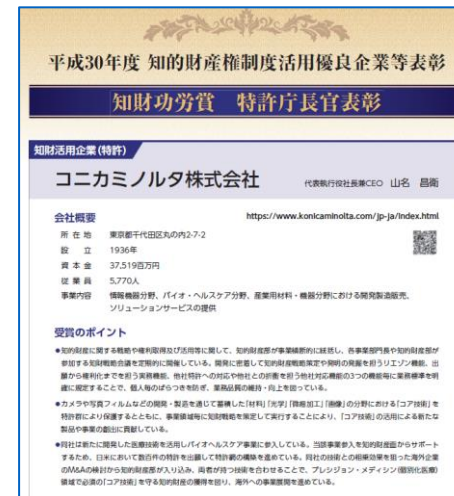


1. Intellectual Property and Intellectual Property Activities | Konica Minolta's Intellectual Property

Model of Intellectual Property Activities



Outside Evaluations for Intellectual Property Activities



Receiving Award

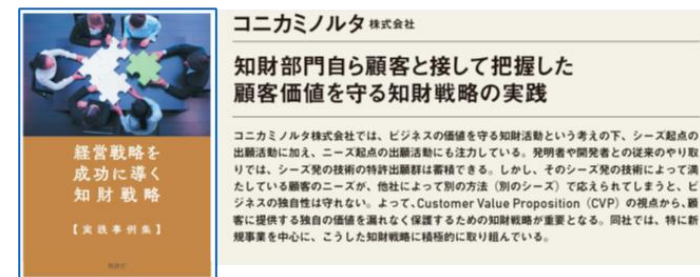
Heisei year 30th, Commissioner of the Japan Patent Office Awards in Intellectual Property Achievement Awards

Reason for receiving the award

- Cross-functional IP activities for business
- IP strategy discussion with business leaders
- New products utilizing core technologies
- Contribution for creating new business

Quote: https://www.jpo.go.jp/news/koho/tizai_koro/document/h30_tizai_kourou/panel_210.pdf

Introduction of our IP strategy

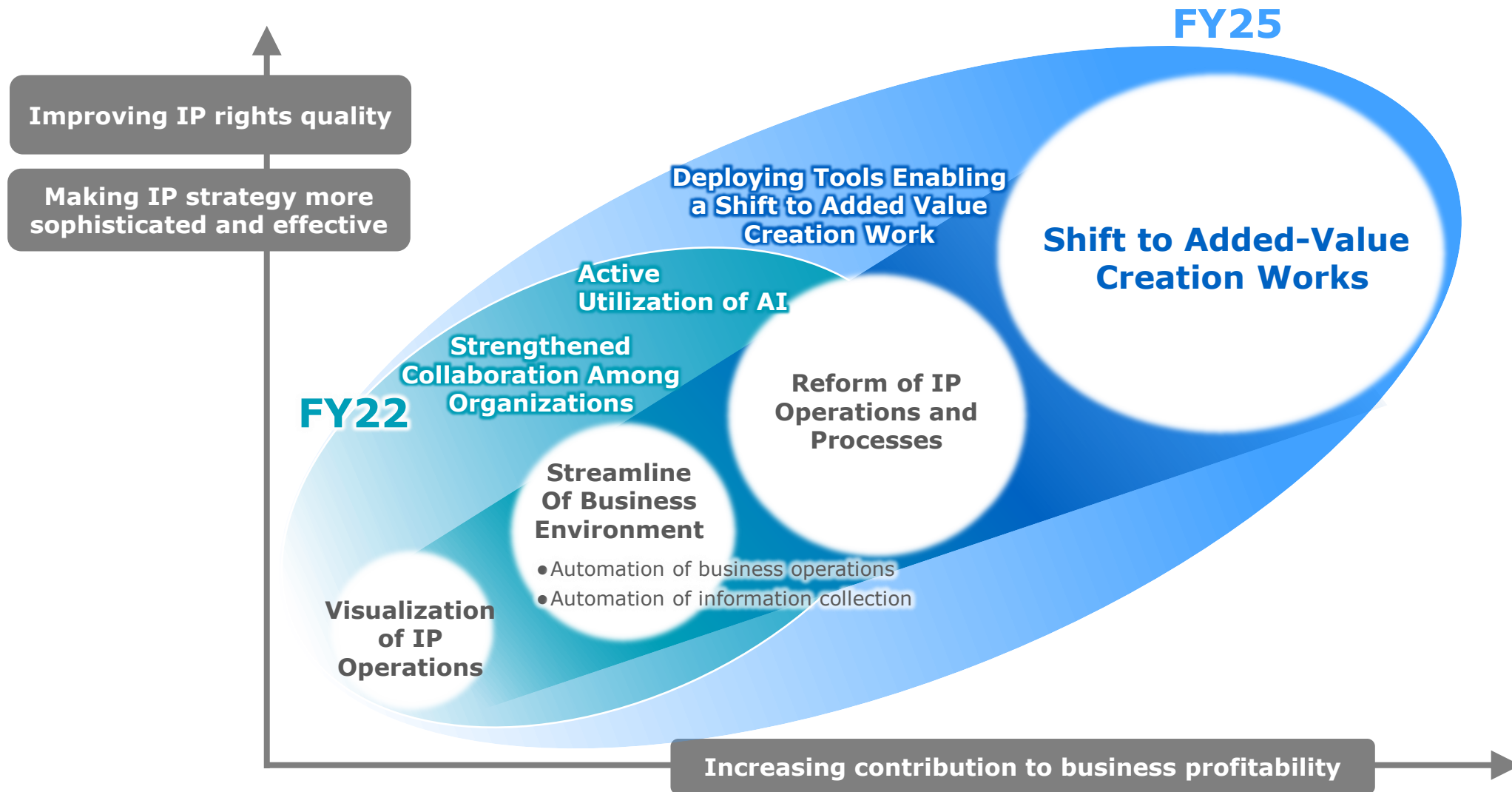


At IP Strategy for Successful Management Strategy(practical cases) published by Japanese patent office, 2020

Quote: https://www.jpo.go.jp/support/exam/ple/document/chizai_senryaku_2020/all.pdf

1. Intellectual Property and Intellectual Property Activities | DX of Intellectual Property Activities

Vision and plan of IP-DX for supporting intellectual property activities

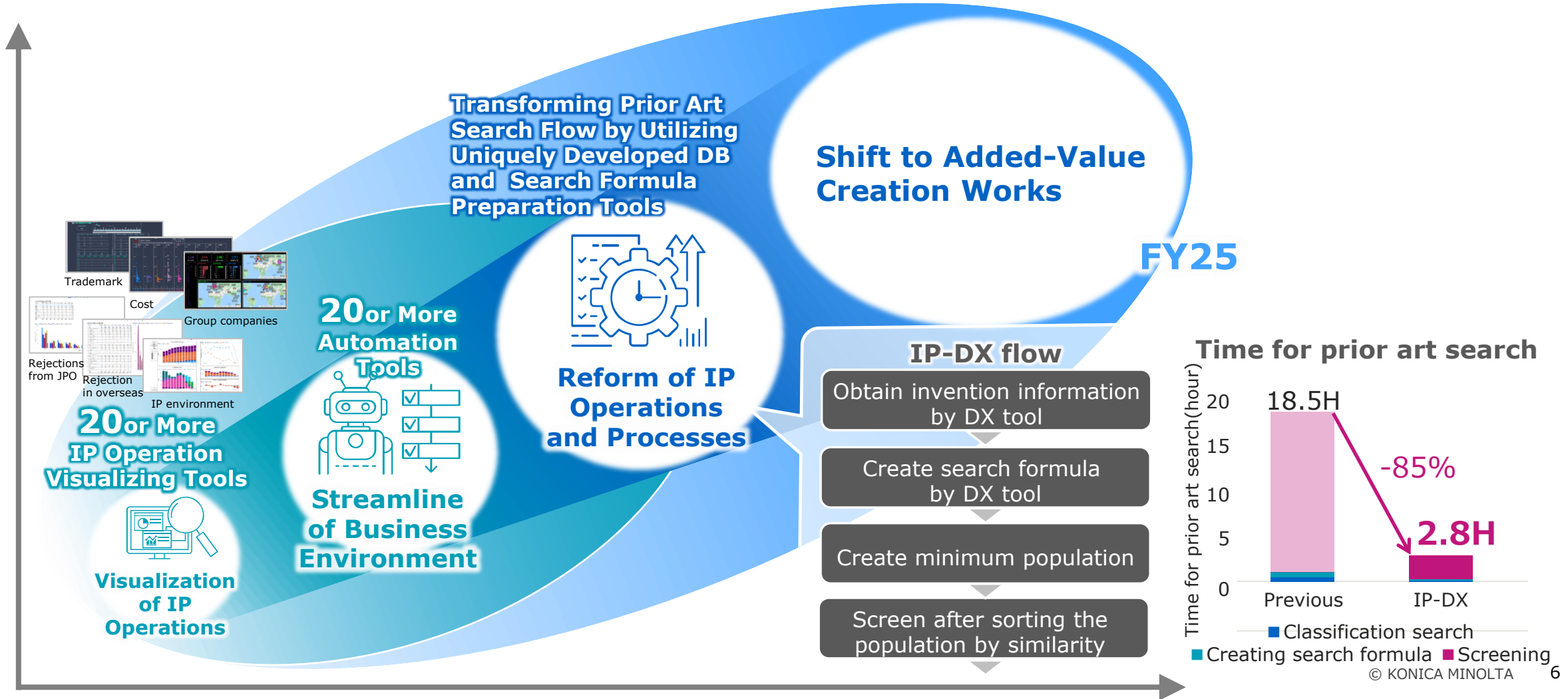


1. Intellectual Property and Intellectual Property Activities

| DX of Intellectual Property Activities

Achievements of IP-DX

Realizing intellectual property activities efficiency (more than 4,000 hours) by uniquely developed tools



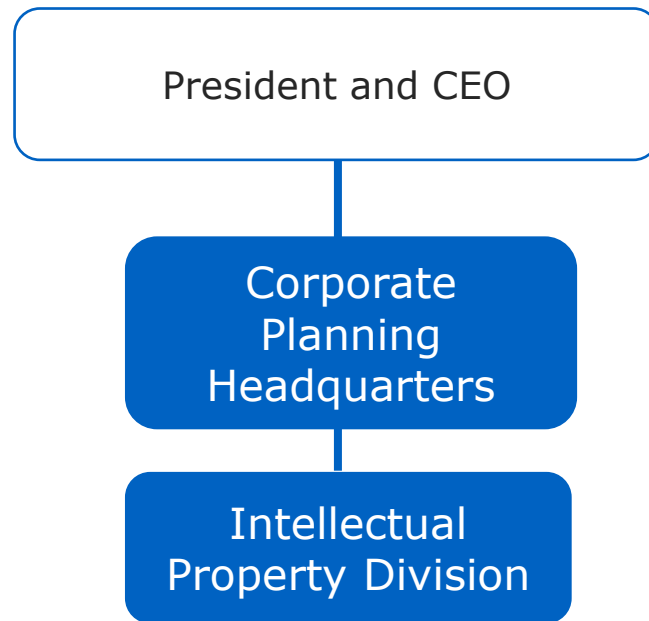
2. IP STRATEGY FOR PROMOTING MEDIUM-TERM BUSINESS PLAN



2. IP Strategy for Promoting Medium-term Business Plan |

Intellectual Property Management Structure for Promoting Medium-term Business Plan

Directly linked to management strategy under Corporate planning headquarters



IP Strategy for Promoting Medium-term Business Plan

Outline of Medium-term Business Plan Strengthening Business Profitability

Business selection and concentration

Reallocation of resources to strengthening business

IP Strategy for Contribution to Strengthen Business Profitability

Reallocation of IP resources

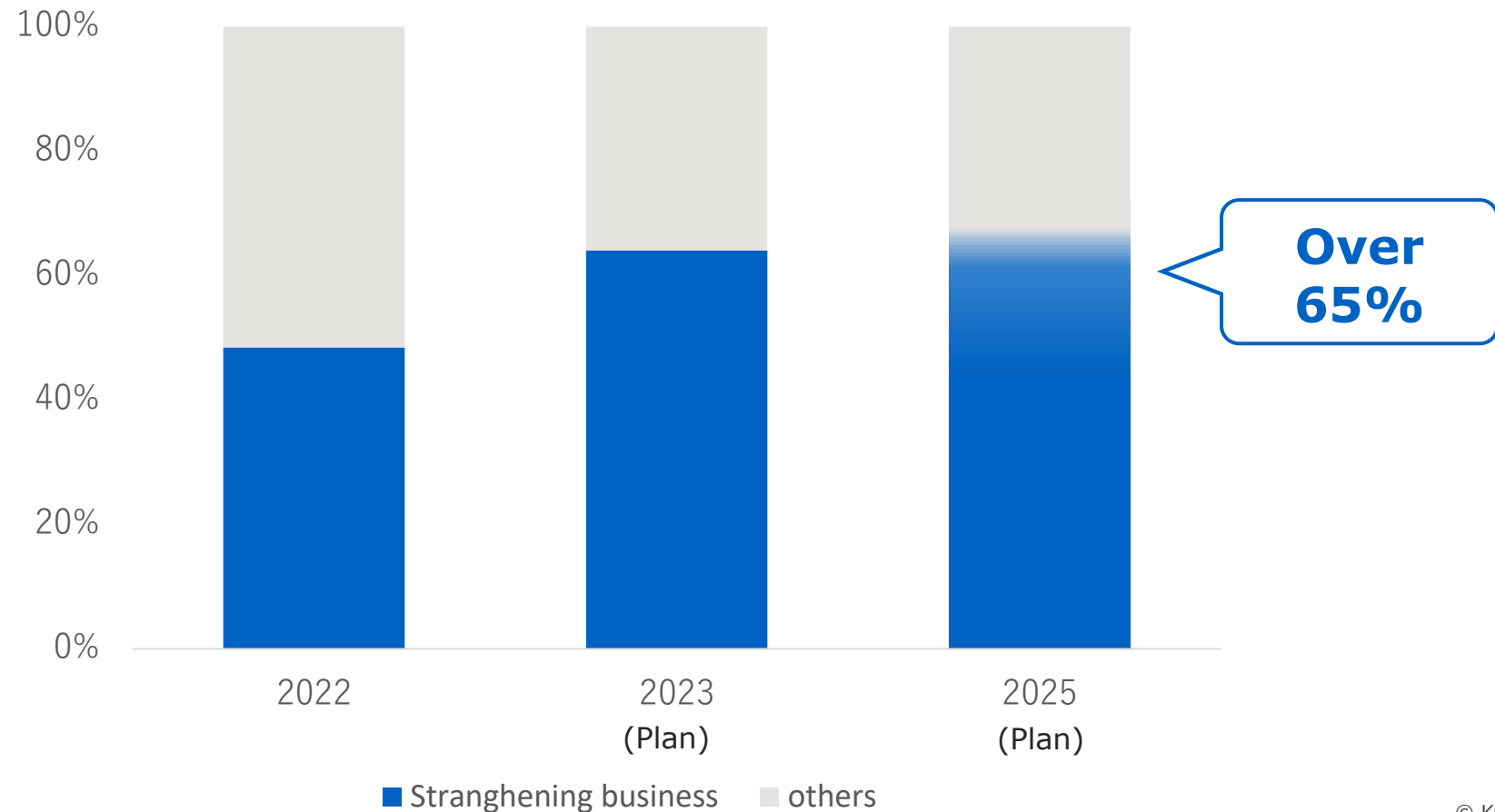
Building IP barriers supporting expansion of strengthening business

IP activities for business development across Industry

2. IP Strategy for Promoting Medium-term Business Plan |

Reallocation of IP
resources

Select and concentrate on IP investments, and increase the ratio of patent applications in strengthening businesses to **more than 65%** by FY2025

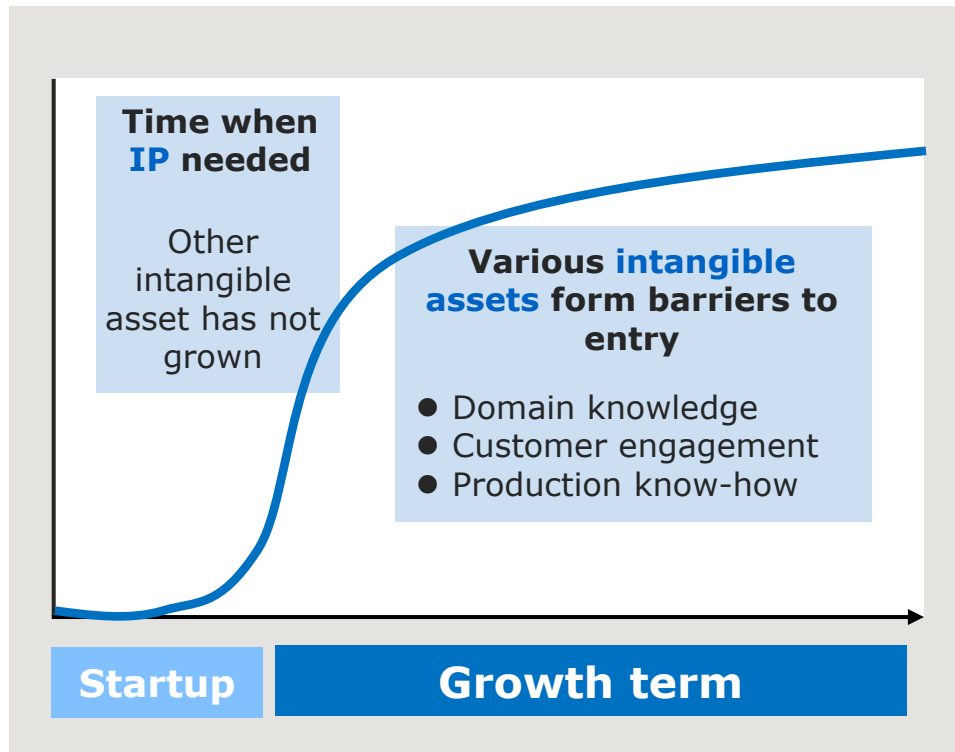


2. IP Strategy for Promoting Medium-term Business Plan |

Building IP barriers supporting expansion of strengthening business

Build barriers with intellectual property in key products, and support business growth

Business Life Cycle and Intangible asset

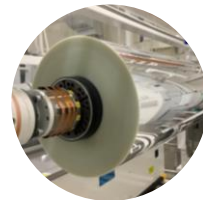


Key products/technologies for growth



Professional Print Business

IQ-501
(Automatic quality optimization unit)



Industry Business

SANUQI
(Film for display)

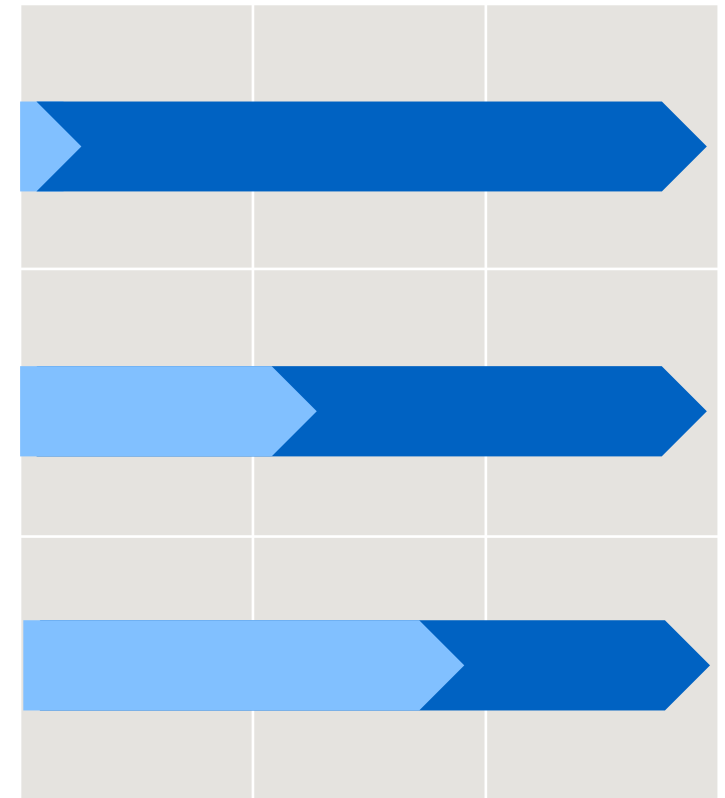


Healthcare Business

Dynamic Digital Radiography

Startup | Growth Term

FY19-22 | FY23-25 | ~FY30



2. IP Strategy for Promoting Medium-term Business Plan |

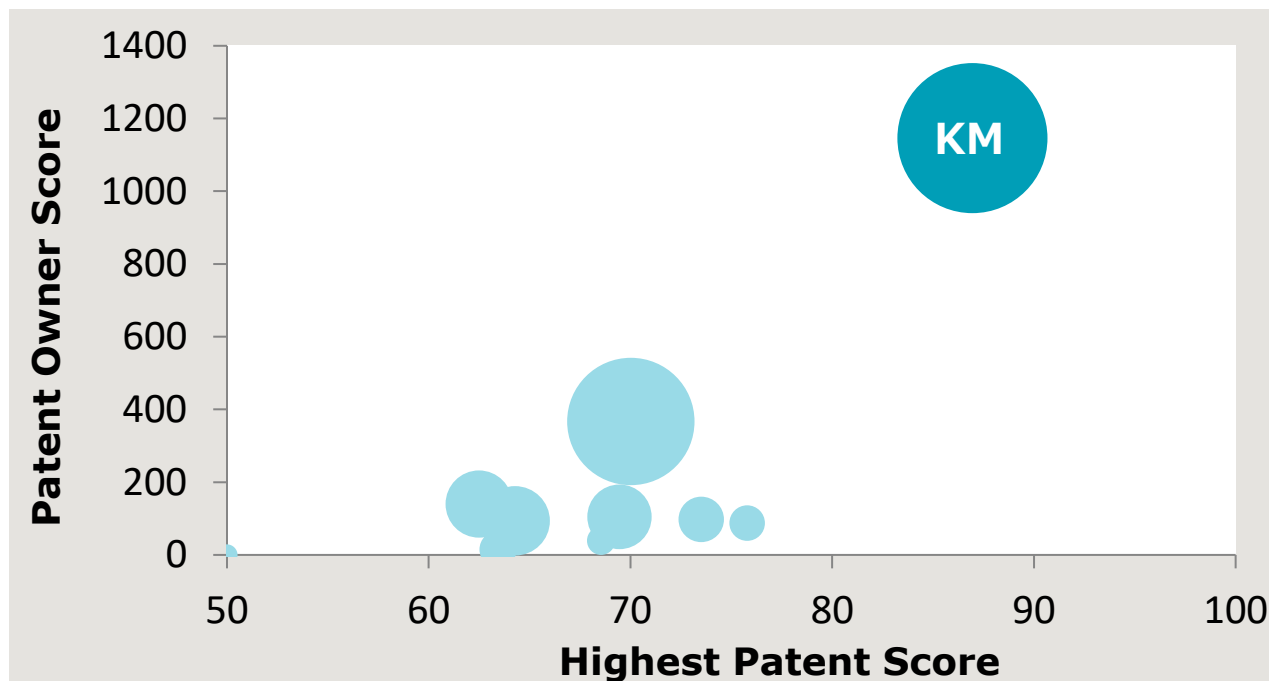
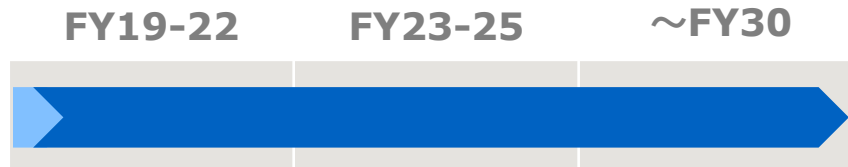
Building IP barriers supporting expansion of strengthening business

Professional Print Business

Established the intellectual property barriers to block the entry for the new value of **automation, labor-saving, and skill-less printing** at the printing site. Contribute to business by maintaining price control over a long period of time.



IQ-501
(Automatic quality optimization unit)



Japanese patent score map for focus areas

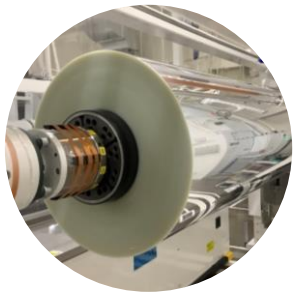
Created by Konica Minolta using Patent Results Co., Ltd.'s patent analysis tool "Biz Cruncher". The size of the circle indicates the number of patents for each company, the horizontal axis indicates the evaluation value of the patent with the highest patent score, and the vertical axis indicates the evaluation value of the entire patent portfolio.

2. IP Strategy for Promoting Medium-term Business Plan |

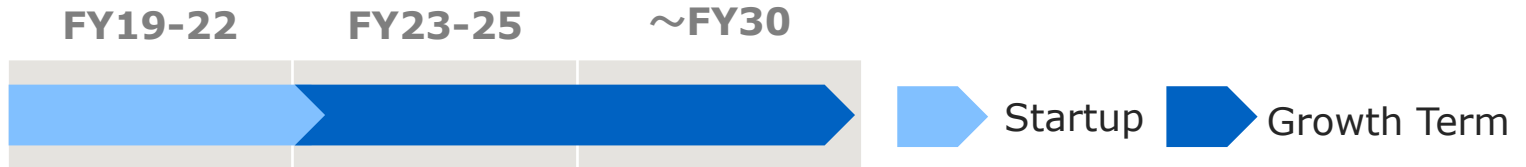
Building IP barriers supporting expansion of strengthening business

Industry Business

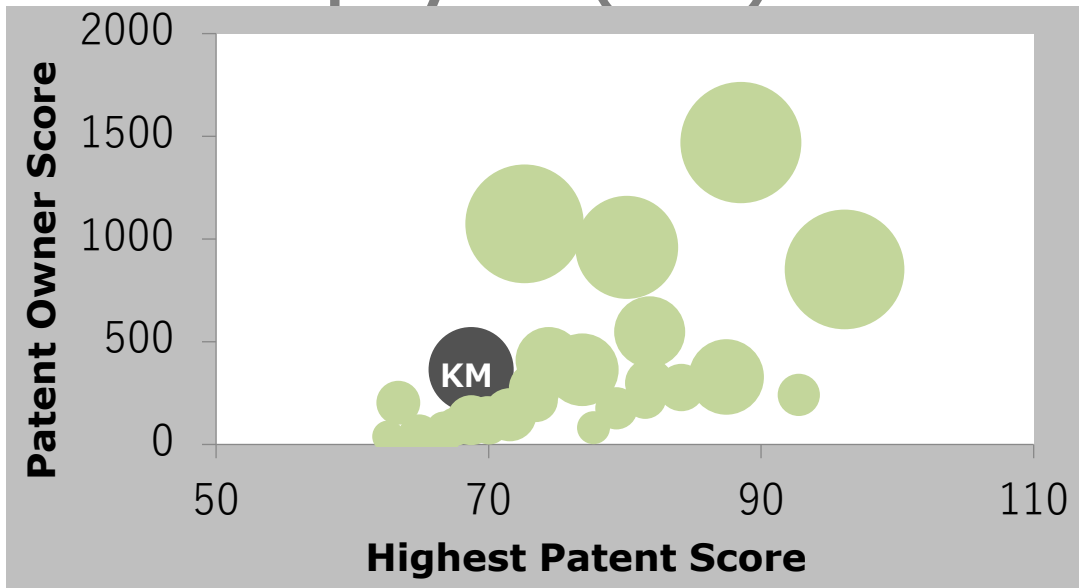
Established the intellectual property barrier by concentrating on filing patent applications for the "solvent-casting + belt" method of film production, which realizes the value of **thin films, imparting diverse functions, and application to wide width film**.
Supports expanding market share in the large display area.



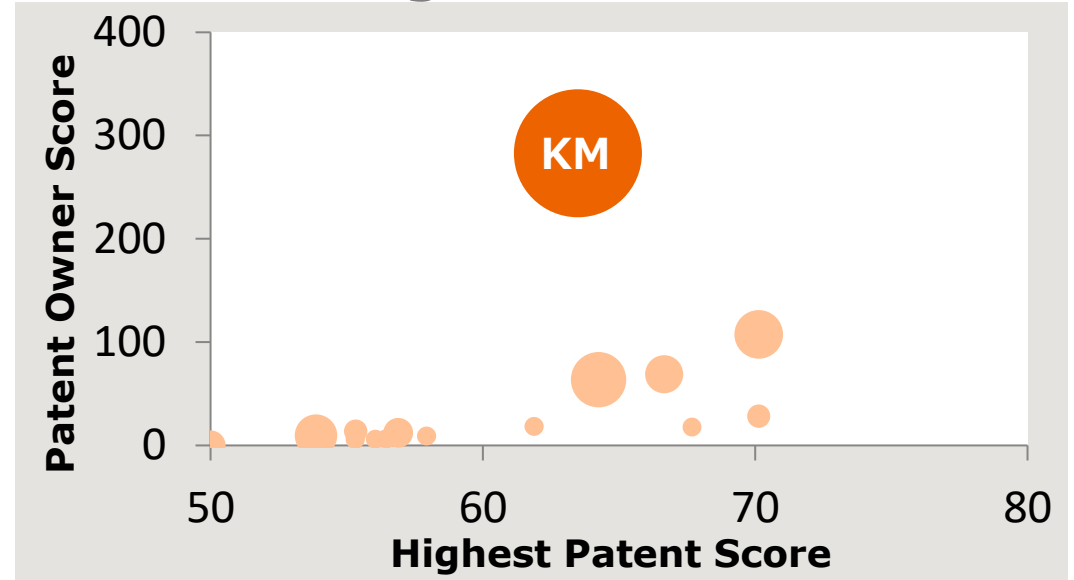
SANUQI
(Film for display)



New polymer (COP) field



"Solvent-casting + belt method" field



2. IP Strategy for Promoting Medium-term Business Plan |

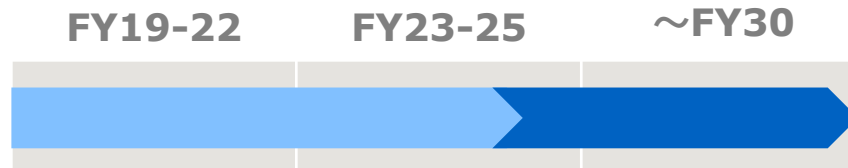
Building IP barriers supporting expansion of strengthening business

Healthcare business

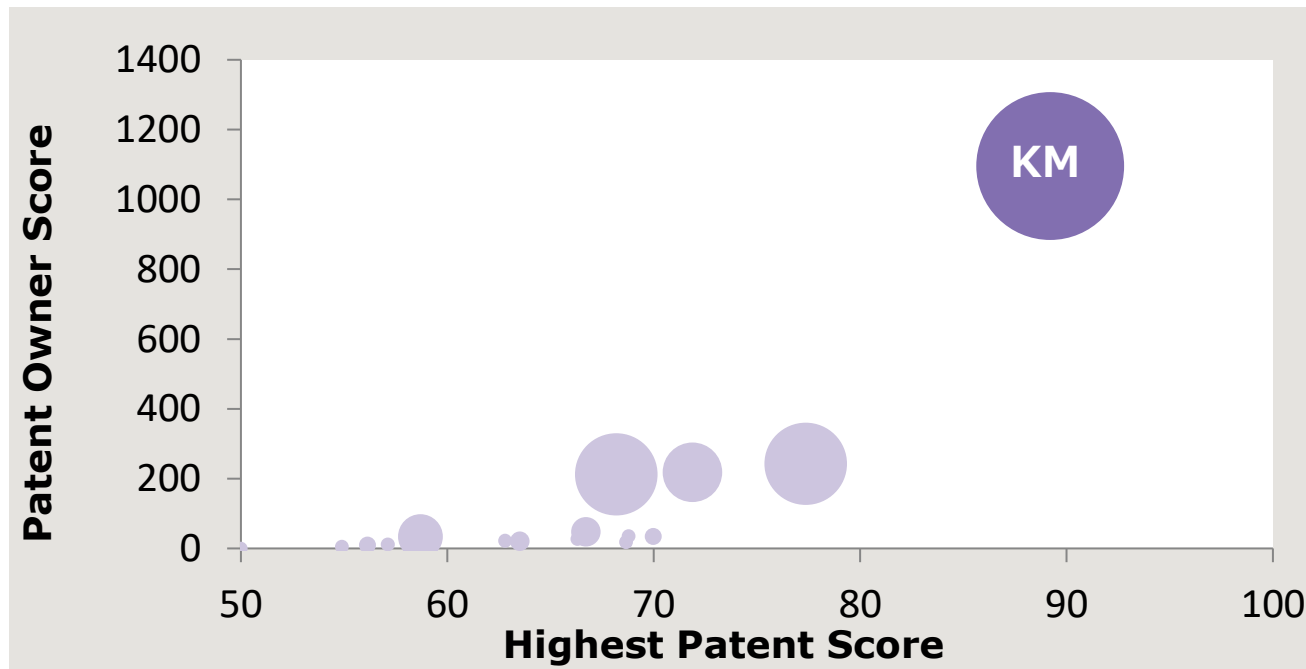
Intellectual property barriers have been established for **Dynamic Digital Radiography technology** that enables new diagnosis through observation and quantification of the "movement" and "function" of organs. We will continue to strengthen our business further and contribute to business expansion.



Dynamic Digital Radiography



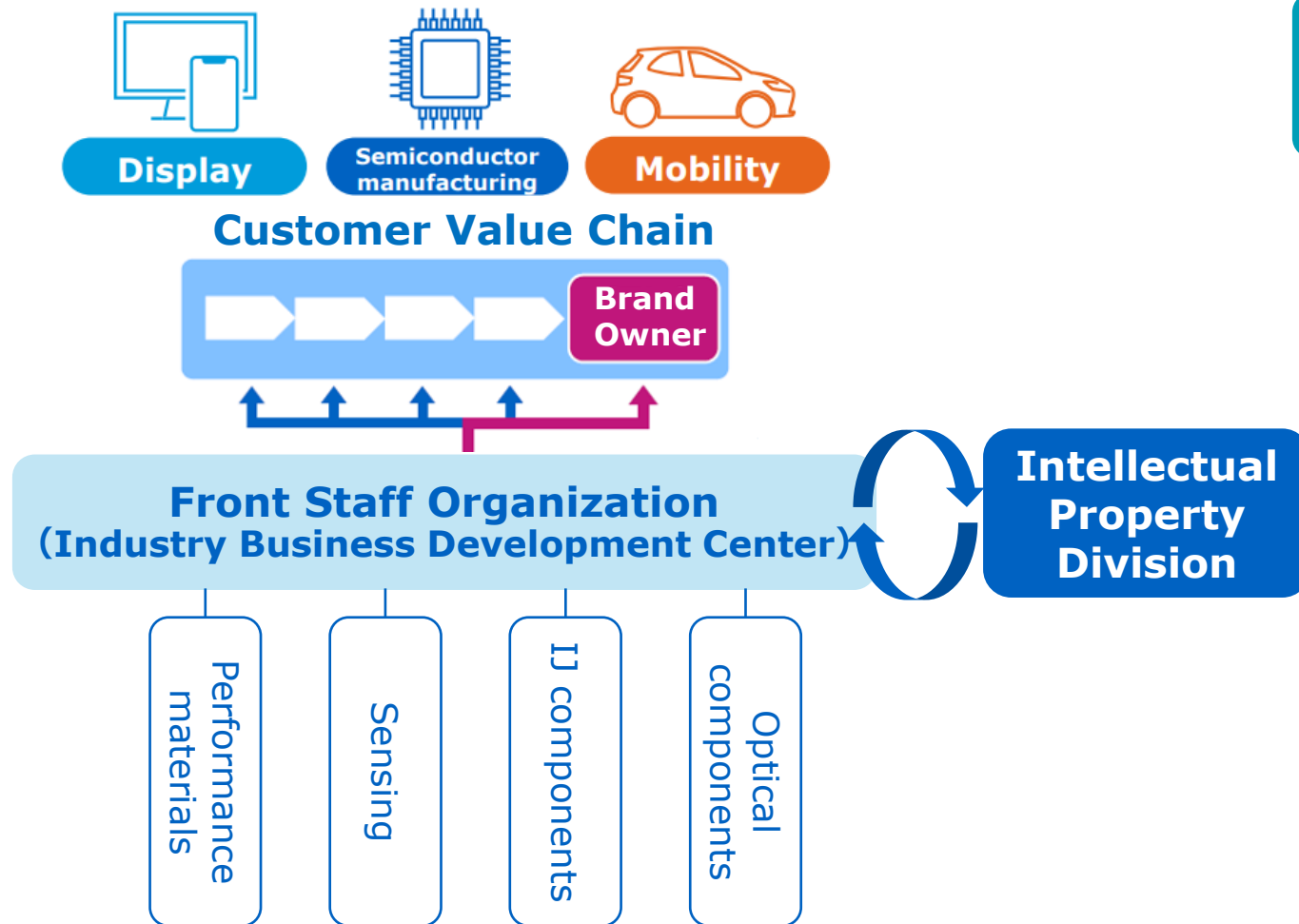
Startup Growth Term



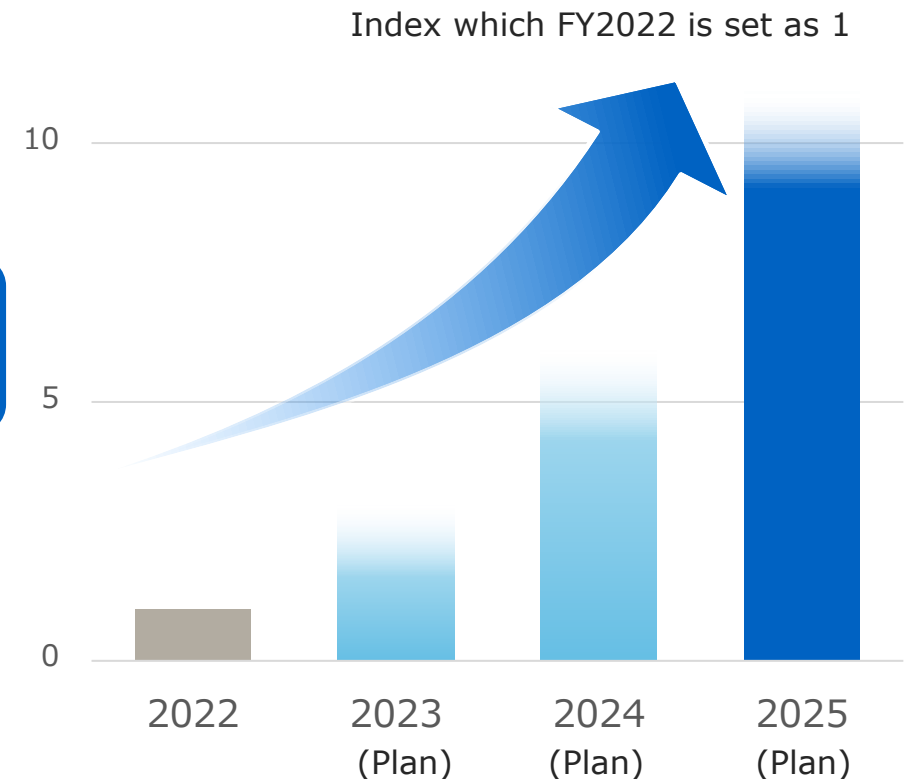
2. IP Strategy for Promoting Medium-term Business Plan |

IP activities for business development across Industry

Working closely with the front staff organization, we quickly convert new value across industry business units to be proposed to brand owners as intellectual property.



Planned Patent Application Number across Industry Business



3. FINALLY



3. Finally

Our company has published and delivered the "Intellectual Property Report" every year since 2004, and this year marks the 20th anniversary. Please check it as well.



FY2023 Japanese Ver. Published on December 11, 2023
(English ver. will follow in early next year)

https://www.konicaminolta.com/jp-ja/investors/ir_library/intellectual_property/index.html



KONICA MINOLTA

150

YEARS