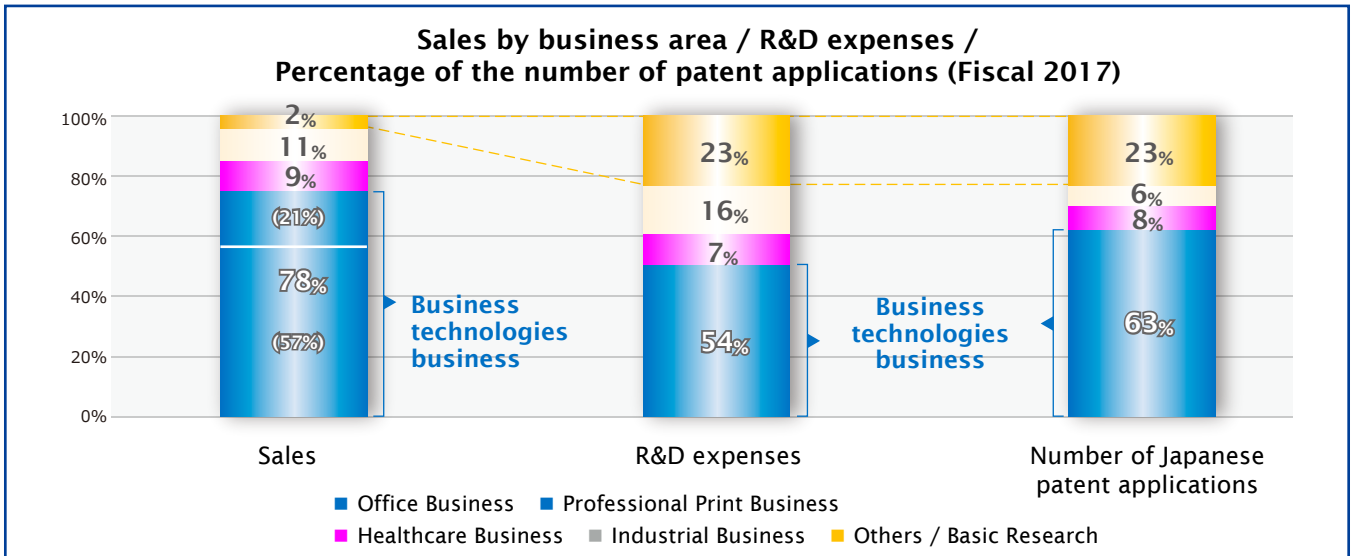


Research & Development and Intellectual Property That Support the Businesses

Konica Minolta is developing its business in the four segments of "Office Business" which handles MFPs (Multi-functional peripherals), "Professional Print Business" which handles digital color printing systems, "Healthcare Business" which handles digital X-ray diagnostic imaging filing systems, and "Industrial Business" which handles TAC films that are used in LCD displays, measuring instruments, etc. New and Growth business areas are for the most part included in "Others and Basic Research." Although sales in this segment accounted for a modest 2% of the total in fiscal 2017, the segment's R&D expenses accounted for 23% of the total, reflecting active investment in Research and Development activities in conjunction with which patent applications were actively promoted. Thus, along with the high percentage of R&D expenses, the number of patent applications filed for this segment during fiscal 2017 also showed a high percentage of the total.



Efforts to Strengthen IP capabilities

[Productivity Improvement]

Since the integration of Konica Corporation and Minolta Co., Ltd. in 2003, Konica Minolta has been maintaining its efforts to acquire high quality patents with high investment efficiency by being selective in patent applications with focus on outstanding inventions, while paying attention to raising the percentages both of examination requests and decisions to grant a patent. As a result, despite decrease in the number of patent applications, the number of patent rights held is increasing year after year.

