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KEY WORD: INVENTION / PATENTS / NATURAL SCIENCE / PATENT INFORMATION

PRICHAJEAN NAKORNTHAP : USES OF PATENTS BY NATURAL SCIENCE MEMBERS
IN FACULTIES OF SCIENCE IN STATE UNIVERSITIES. THESIS ADVISOR :
ASSO. PROF. PRAPAVADEE SUEBSONTHI, Ph.D. 203 pp. ISBN 974-584-607-4

The research aims at studying the use of patents by Natural Science members in Faculties of Science in State universities in the following aspects : objectives, information and sources, access to patents, success in access, and problems in using patents of 208 samples.

The research findings are as follows : 162 samples never use patent because it is not relevant to their research activities. Patents are used by only 46 samples for conducting research rather than instruction or invention. The prime used is for searching work related to research interest. Regarding information on the patent, the most popularly used is bibliographic data. Information obtained from bibliographic data are mainly patent's title and abstract/summary of the invention. Information of the invention description mostly used is the invention's objective and its applications in industrial, handicraft, agricultural production and commerce. The respondents prefer to use detailed information on the patent in the form of printed material. They also prefer to search by themselves rather than asking for librarian's assistance. However, in searching from CD-ROM, they tend to ask for help. Printed abstracts are extensively use for patents searching. For the searching success rate, 63.64 percent of users are able to find wanted patents. Regarding to the sources of information, the Patent Information Center, Department of Science Services, Ministry of Science, Technology and Environment, is the most popular and successful source when the patents are searched. The patent service mostly used is introduction to patent information. Regarding the problems in using patents, the use of source, as well as of handbook, personnel providing services are found accordingly.