## ABSTRACT

A similar data search device 2 includes: an inverted index generating unit 20 which determines size ranges of sets of search targets for each of inverted indexes so that the number of sets of search targets is not smaller than a specified number and generates inverted indexes by dividing the sets of search targets according to the determined size ranges; an unnecessary inverted index identifying unit 21 which determines, based on a size of a set of search conditions and a threshold value specified for a similarity between sets, a condition necessary for the similarity to be no smaller than the threshold value, and identifies, as an inverted index unnecessary for searches, any inverted index other than those inverted indexes containing a set whose minimum size value satisfies the condition; and a data search unit 22 which conducts a search on a non-identified inverted index.