CLAIMS

~~[Claim 1]~~

1. A dictionary generation device for monitoring text information, that is used in a text information monitoring system and generates a dictionary in which a detection condition is registered, the dictionary generation device comprising:

~~a feature degree calculation unit that calculates, for a phrase to be a candidate for the detection condition, a feature degree representing a degree by which the phrase matches an information content targeted for monitor; and~~

a phrase usefulness determination unit that determines whether or not ~~the~~ a phrase as a candidate for the detection condition is appropriate for the detection condition based on ~~the~~ a feature degree representing a degree by which the phrase matches an information content targeted for monitor and a usefulness degree representing littleness of ambiguity of meaning defined by the phrase.

~~[Claim 2]~~

2. The dictionary generation device for monitoring text information according to claim 1, wherein the phrase usefulness determination unit includes:

a usefulness degree calculation unit which calculates the usefulness degree based on the length of the phrase, and

a detection condition determination unit which determines whether or not the phrase is appropriate for a detection condition based on the usefulness degree calculated by the usefulness degree calculation unit and on the feature degree.

~~[Claim 3]~~

3. The dictionary generation device for monitoring text information according to claim 2, wherein

the usefulness degree calculation unit calculates a usefulness

degree based on the length of the phrase and on a frequency in a document group.

~~[Claim 4]~~

4. The dictionary generation device for monitoring text information according to claim 3, wherein

the usefulness degree calculation unit calculates a usefulness degree based on the product of the length of the phrase or the logarithmic value thereof and a frequency in a document group or the logarithmic value thereof.

~~[Claim 5]~~

5. The dictionary generation device for monitoring text information according to claim 2, wherein

the usefulness degree calculation unit calculates a usefulness degree based on the length of the phrase, a frequency in a document group, and an index representing an inclusion relationship between phrases.

~~[Claim 6]~~

6. The dictionary generation device for monitoring text information according to claim 5, wherein

when another phrase that is longer than a phrase of interest includes the phrase of interest,

the index representing an inclusion relationship between phrases is a ratio between the total of a frequency at which the other phrase appears and the number of the other phrase.

~~[Claim 7]~~

7. The dictionary generation device for monitoring text information according to claims 2 to 6, wherein

the detection condition determination unit determines whether or not the phrase is appropriate for a detection condition based on the product of the usefulness degree or the logarithmic value thereof and the feature

degree or the logarithmic value thereof.

8. The dictionary generation device for monitoring text information according to claim 2, wherein

the dictionary generation device for monitoring text information further comprises a feature degree calculation unit that calculates the feature degree.

~~[Claim 8]~~

9. The dictionary generation device for monitoring text information according to claims 2 to 7, wherein

for the phrase of which the usefulness degree calculated by the usefulness degree calculation unit is not less than a threshold value,

the feature degree calculation unit calculates a feature degree, and

the detection condition determination unit determines whether or not the phrase is appropriate for a detection condition.

~~[Claim 9]~~

10. A dictionary generation method for monitoring text information, that is a method for generating a dictionary used in a text information monitoring system,

wherein a dictionary generation device for monitoring text information

~~calculates, for a phrase as a candidate for a detection condition, a feature degree representing a degree by which the phrase matches an information content targeted for monitor;~~

determines whether or not ~~the~~a phrase as a candidate for the detection condition is appropriate for the detection condition based on ~~the~~a feature degree representing a degree by which the phrase matches an information content targeted for monitor and a usefulness degree representing littleness of ambiguity of meaning defined by the phrase; and

outputs the phrase judged to be appropriate and registers the phrase as the detection condition.

~~[Claim 10]~~

11. A non-transitory computer-readable storage medium storing a dictionary generation program for monitoring text information, that causes a dictionary generation device for monitoring text information to execute

~~a processing of calculating, for a phrase as a candidate for a detection condition, a feature degree representing a degree by which the~~

~~phrase matches an information content targeted for monitor;~~

a processing of determining whether or not ~~the~~a phrase as a candidate for the detection condition is appropriate for the detection condition based on ~~the~~a feature degree representing a degree by which the phrase matches an information content targeted for monitor and a usefulness degree representing littleness of ambiguity of meaning defined by the phrase; and

a processing of outputting the phrase judged to be appropriate and of registering the phrase as the detection condition.