CLAIMS

1. An information processing apparatus comprising:

a second recognition unit that recognizes, by second recognition processing different from first recognition processing, a destination of an article with the destination not recognized by the first recognition processing by a first recognition unit;

an information processing unit that generates recognition processing information,

the recognition processing information including: record information of the second recognition processing executed by the second recognition unit; and aggregated data in which records of processing executed respective times are collected,

the record information including: recognition success in which one or more classification destinations with no contradiction in comparison of information obtained by the second recognition processing with database for recognition are specified; or recognition failure in which no classification destination is specified,

the recognition processing information proving validity of data of the recognition success to which billing is applicable by comparing the record information with the aggregated data; and

an information output unit that outputs the recognition processing information.

2. The information processing apparatus according to

claim 1, wherein the information processing unit encrypts the recognition processing information.

3. The information processing apparatus according to claim 1 or 2, wherein the recognition processing information includes image data processed by the second recognition processing of each time.

4. The information processing apparatus according to any one of claims 1 to 3, wherein the recognition processing information includes execution date and time of the second recognition processing of each time and the recognized destination.

5. The information processing apparatus according to claim 1, wherein the recognition processing information proves validity of data of the recognition success to which billing is applicable by comparing a number of successes of recognition and a number of failures of recognition with the aggregated data.

6. The information processing apparatus according to claim 1, wherein the recognition processing information includes a flag that is established if recognition succeeds and not established if recognition fails, and proves validity of data of the recognition success to which billing is applicable by making comparison with a number of flags in the aggregated data.

7. The information processing apparatus according to claim 1, wherein the information output unit outputs the recognition processing information to an external terminal

apparatus.

8. A program for causing a computer to execute:

a procedure for recognizing, by second recognition processing different from first recognition processing a destination of an article with the destination not recognized by the first recognition;

a procedure for generating recognition processing information,

the recognition processing information including: record information of the second recognition processing executed respective times by the second recognition unit; and aggregated data in which records of processing executed respective times are collected,

the record information including: recognition success in which one or more classification destinations with no contradiction in comparison of information obtained by the second recognition processing with database for recognition are specified; or recognition failure in which no classification destination is specified,

the recognition processing information proving validity of data of the recognition success to which billing is applicable by comparing the record information with the aggregated data; and

a procedure for outputting the recognition processing information.

9. A non-transitory computer-readable storage medium

storing a program for causing a computer to execute:

a procedure for recognizing, by second recognition processing different from first recognition processing, a destination of an article with the destination not recognized by the first recognition processing;

a procedure for generating recognition processing information,

the recognition processing information including: record information of the second recognition processing executed respective times by the second recognition unit; and aggregated data in which records of processing executed respective times are collected,

the record information including: recognition success in which one or more classification destinations with no contradiction in comparison of information obtained by the second recognition processing with database for recognition are specified; or recognition failure in which no classification destination is specified,

the recognition processing information proving validity of data of the recognition success to which billing is applicable by comparing the record information with the aggregated data; and

a procedure for outputting the recognition processing information.

10. An information processing method comprising:

recognizing, by second recognition processing

different from first recognition processing, a destination of an article with the destination not recognized by the first recognition processing;

generating recognition processing information,

the recognition processing information including: record information of the second recognition processing executed respective times by the second recognition unit; and aggregated data in which records of processing executed respective times are collected,

the record information including: recognition success in which one or more classification destinations with no contradiction in comparison of information obtained by the second recognition processing with database for recognition are specified; or recognition failure in which no classification destination is specified,

the recognition processing information proving validity of data of the recognition success to which billing is applicable by comparing the record information with the aggregated data; and

outputting the recognition processing information.