Japanese Unexamined Patent Application, First Publication No. 2009-122722

[Patent Document 2]

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SUMMARY ~~OF THE INVENTION~~

~~Problem to be Solved by the Invention~~

[0004]

As one of situations in which checking and correcting of data are performed, there is a scene on which checking and correcting of results of character recognition are performed. In such a scene, it is preferable that an operation of checking and correcting can be supported even in a case in which a format of a character recognition target is not known in advance, and the format is not limited to the format of a table form.

[0005]

Embodiments of the present invention seek to provide an image processing device, an image processing method, and a recording medium capable of solving the problems described above.

~~Means for Solving the Problem~~

[0006]

According to a first example aspect of the present ~~invention~~disclosure, there is provided an image processing device comprising~~includes~~: an identifying means for identifying a plurality of character strings ~~that are candidates for a recording~~which match one specific character string, among a plurality of character strings acquired by recognizing characters included in a document image; an output means for outputting a checking screen that represents positions of the plurality of identified character strings;

and a feature quantity extracting means for extracting a feature quantity of a

character string corresponding to a position ~~identified~~ selected from the positions of the identified plurality of character strings by a user ~~on~~ via the checking screen ~~as a feature quantity of the recording character string~~.

[0007]

According to a second example aspect of the present ~~invention~~disclosure, there is provided an image processing method ~~includes~~comprising: identifying a plurality of character strings ~~that are candidates for a recording~~which match one specific character string, among a plurality of character strings acquired by recognizing characters included in a document image; outputting a checking screen that represents positions of the identified plurality of character strings; and extracting a feature quantity of a character string corresponding to a position ~~identified~~ selected from the positions of the identified plurality of character strings by a user ~~on~~ via the checking screen ~~as a feature quantity of the recording character string~~.

[0008]

According to a third example aspect of the present ~~invention~~disclosure, there is provided a recording medium storing a program causing a computer to execute: identifying a plurality of character strings ~~that are candidates for a recording~~which match one specific character string, among a plurality of character strings acquired by recognizing characters included in a document image; outputting a checking screen that represents positions of the identified plurality of character strings; and extracting a feature quantity of a character string corresponding to a position ~~identified~~ selected from the positions of the identified plurality of character string by a user ~~on~~ via the checking screen ~~as a feature quantity of the recording character string~~.

~~Effect of the Invention~~

[0009]

The present ~~invention~~ disclosure can support an operator, who checks and corrects a result of character recognition, performing an operation of checking and correcting even in a case in which a format, which is a character recognition target, is not known in advance,

CLAIMS

1. An image processing device comprising:

an identifying means for identifying a plurality of character strings ~~that are candidates for a recording~~which match one specific character string, among a plurality of character strings acquired by recognizing characters included in a document image;

an output means for outputting a checking screen that represents positions of the identified plurality of character strings; and

a feature quantity extracting means for extracting a feature quantity of a character string corresponding to a position ~~identified~~ selected from the positions of the identified plurality of character strings by a user via ~~on~~ the checking screen ~~as a feature quantity of the recording character string~~.

2. The image processing device according to claim 1, wherein the checking screen represents the positions of the identified plurality of character strings by displaying the document image to which a display for identifying the identified plurality of character strings is added.

3. The image processing device according to claim 2, wherein the feature quantity extracting means is for extracting the feature quantity of the character string corresponding to the position ~~identified~~ selected by the user ~~on~~ via the document image to which the display for identifying the identified plurality of character strings is added.

4. The image processing device according to any one of claims 1 to 3, further comprising:

a character string extracting unit that extracts, by using the extracted feature quantity ~~of the recording character string~~, a ~~recording~~ character string to be recorded from a plurality of character strings acquired by recognizing characters included in a new document image.

5. An image processing method comprising:

identifying a plurality of character strings ~~that are candidates for a recording~~which match one specific character string, among a plurality of character strings acquired by recognizing characters included in a document image;

outputting a checking screen that represents positions of the identified plurality of character strings; and

extracting a feature quantity of a character string corresponding to a position ~~identified~~ selected from the positions of the identified plurality of character strings by a user ~~on~~ via the checking screen ~~as a feature quantity of the recording character string~~.

6. A recording medium storing a program causing a computer to execute:

identifying a plurality of character strings ~~that are candidates for a recording~~which match one specific character string, among a plurality of character strings acquired by recognizing characters included in a document image;

outputting a checking screen that represents positions of the identified plurality of character strings; and

extracting a feature quantity of a character string corresponding to a position ~~identified~~ selected from the positions of the identified plurality of character string by a user ~~on~~ via the checking screen ~~as a feature quantity of the recording character string~~.