CLAIMS

What is claimed is:

1. A method for electronically stamping a document, comprising:

receiving an electronic stamping instruction, wherein the electronic stamping instruction comprises a to-be-stamped document and a stamping method;

determining a first to-be-stamped area of the document when a format of the document is a predetermined document format and the stamping method is a first stamping method; and

invoking an electronic signature stamp corresponding to the document by using an encryption algorithm interface, and placing the electronic signature stamp in the first to-be-stamped area to generate a first electronic signature stamp document,

wherein the determining a first to-be-stamped area of the document comprises:

recognizing texts in the document, and when the texts comprise a text that matches a predetermined signature stamp text, determining a location of the text that matches the predetermined signature stamp text as the first to-be-stamped area of the document;

segmenting the document into a plurality of text areas based on a predetermined segmentation box; and

recognizing texts in each text area, and when the texts comprise a text that matches the predetermined signature stamp text, using a text area in which the text that matches the predetermined signature stamp text is located as the first to-be-stamped area of the document.

2. The method for electronically stamping a document according to claim 1, wherein the determining a first to-be-stamped area of the document comprises:

counting the number of texts recognized in each text area; and

using a text area with the smallest number recognized as the first to-be-stamped area of the document.

3. The method for electronically stamping a document according to claim 1, wherein the determining a first to-be-stamped area of the document comprises:

segmenting the first page of the document into a plurality of first page text areas based on a predetermined segmentation box;

recognizing texts in each first page text area, and counting the number of texts recognized in each first page text area; and

using a text area with the smallest number recognized as a stamping area of the first page of the document, and using locations in other pages of the document that correspond to the stamping area of the first page as stamping areas of the other pages; and

determining the stamping area of the first page and the stamping areas of the other pages as the first to-be-stamped area of the document.

4. The method for electronically stamping a document according to claim 1, wherein the determining a first to-be-stamped area of the document comprises:

receiving a box select operation of a user for the document, and determining an area selected by the box select operation as the first to-be-stamped area of the document.

5. The method for electronically stamping a document according to claim 4, wherein the receiving a box select operation of a user for the document, and determining an area selected by the box select operation as the first to-be-stamped area of the document comprises:

receiving a box select operation of the user for the first page of the document, and determining an area selected by the box select operation as a stamping area of the first page of the document;

determining locations in other pages of the document that correspond to the stamping area of the first page as stamping areas of the other pages; and

determining the stamping area of the first page and the stamping areas of the other pages as the first to-be-stamped area of the document.

6. The method for electronically stamping a document according to claim 1, after the receiving an electronic stamping instruction, further comprising:

determining a second to-be-stamped area of the document when the format of the document is the predetermined document format and the stamping method is a second stamping method.

7. The method for electronically stamping a document according to claim 6, wherein the determining a second to-be-stamped area of the document comprises:

horizontally splicing a current page of the document and a next page of the document, and using a splicing area as the second to-be-stamped area of the document.

8. The method for electronically stamping a document according to claim 6, wherein the determining a second to-be-stamped area of the document comprises:

invoking the electronic signature stamp corresponding to the document by using the encryption algorithm interface, and dividing the electronic signature stamp into a first electronic signature stamp and a second electronic signature stamp by half;

using an edge area, in a current page of the document, with the same width as the first electronic signature stamp as a first edge stamping area;

using an edge area, in a next page of the document, with the same width as the second electronic signature stamp as a second edge stamping area, wherein a location of the first edge stamping area corresponds to that of the second edge stamping area; and

determining the first edge stamping area and the second edge stamping area as the second to-be-stamped area of the document.

9. The method for electronically stamping a document according to claim 8, after the determining a second to-be-stamped area of the document, further comprising:

placing the first electronic signature stamp in the first edge stamping area, and placing the second electronic signature stamp in the second edge stamping area to generate a second electronic signature stamp document.

10. The method for electronically stamping a document according to claim 6, wherein the determining a second to-be-stamped area of the document comprises:

invoking the electronic signature stamp corresponding to the document by using the encryption algorithm interface;

evenly dividing the electronic signature stamp based on the number of pages of the document when the number of pages of the document is less than a predetermined threshold; and

determining the second to-be-stamped area of the document based on electronic signature stamps obtained after division.

11. An apparatus for electronically stamping a document, comprising:

an instruction receiving module, configured to receive an electronic stamping instruction, wherein the electronic stamping instruction comprises a to-be-stamped document and a stamping method;

a first stamping area determining module, configured to determine a to-be-stamped area of the document when a format of the document is a predetermined document format and the stamping method is a first stamping method; and

a stamping module, configured to invoke an electronic signature stamp corresponding to the document by using an encryption algorithm interface, and place the electronic signature stamp in the to-be-stamped area to generate an electronic signature stamp document,

wherein the first stamping area determining module is further configured to recognize texts in the document, and when the texts comprise a text that matches a predetermined signature stamp text, determine a location of the text that matches the predetermined signature stamp text as the first to-be-stamped area of the document, by:

segmenting the document into a plurality of text areas based on a predetermined segmentation box; and

recognizing texts in each text area, and when the texts comprise a text that matches the predetermined signature stamp text, using a text area in which the text that matches the predetermined signature stamp text is located as the first to-be-stamped area of the document.

12. A computing device, comprising:

a memory and a processor, wherein

the memory is configured to store computer executable instructions, and the processor is configured to execute the computer executable instructions:

receiving an electronic stamping instruction, wherein the electronic stamping instruction comprises a to-be-stamped document and a stamping method;

determining a first to-be-stamped area of the document when a format of the document is a predetermined document format and the stamping method is a first stamping method; and

invoking an electronic signature stamp corresponding to the document by using an encryption algorithm interface, and placing the electronic signature stamp in the first to-be-stamped area to generate a first electronic signature stamp document,

wherein the determining a first to-be-stamped area of the document comprises:

recognizing texts in the document, and when the texts comprise a text that matches a predetermined signature stamp text, determining a location of the text that matches the predetermined signature stamp text as the first to-be-stamped area of the document;

segmenting the document into a plurality of text areas based on a predetermined segmentation box; and

recognizing texts in each text area, and when the texts comprise a text that

matches the predetermined signature stamp text, using a text area in which the text that matches the predetermined signature stamp text is located as the first to-be-stamped area of the document.

13. A computer-readable storage medium, wherein the computer-readable storage medium stores computer instructions, and when the instructions are executed by a processor, the steps in the method for electronically stamping a document according to any one of claims 1 to 10 are implemented.