

CLAIMS

- CLAIM 1. A method for automatic attachment of an image to a document, the method comprising:
- receiving, with one or more processors, a capture image command;
 - capturing, with the one or more processors, the image;
 - determining, with the one or more processors, a document and a page including text in the document being displayed by a computing device;
 - determining, with the one or more processors, page metadata associated with each page of the document; and
 - adding, with the one or more processors, the captured image as an annotation to a location on the page including text to the determined in the document, the location determined based at least in part on the page metadata.
- CLAIM 2. The method of claim 1, further comprising:
- recording metadata; and
 - adding the metadata to the determined document.
- CLAIM 3. The method of claim 2, wherein adding the captured image includes adding the captured image to a same directory location as the document and adding the metadata to document metadata.
- CLAIM 4. The method of claim 2, wherein adding the captured image includes: creating a new page in the document; and adding the captured image to the new page of the document.
- CLAIM 5. The method of claim 1 further comprising:
- determining a current page of the document being displayed on the computing device;

determining whether there are any picture rectangles for the current page;
and

responsive to there not being any picture rectangles for the current page,
creating a new page in the document, and adding the captured image to the new
page of the document.

CLAIM 6. The method of claim 1 further comprising:

determining a current page of the document being displayed on the
computing device;

determining whether there is a picture rectangle for the current page; and

responsive to there being at least one picture rectangle for the current page,
adding the captured image to the current page in place of the picture rectangle.

CLAIM 7. The method of claim 6 further comprising:

determining whether a picture rectangle has been selected;

responsive to the picture rectangle being selected, replacing the selected
picture rectangle with the captured image.

CLAIM 8. The method of claim 6 further comprising:

determining whether a picture rectangle has been selected;

responsive to the picture rectangle not being selected, determining a first
unfilled picture rectangle, and replacing the first unfilled picture rectangle with the
captured image.

CLAIM 9. An apparatus for automatic attachment of an image to a document, the
apparatus comprising:

one or more processors;

a camera having an input and an output, the camera coupled to the one or
more processors and capturing images;

a display device having an input, the display device coupled to the one or more processors and displaying images;

a stroke capture device having an input and an output, the stroke capture device coupled to the one or more processors and accepting strokes and generating signals representing the strokes;

a presentation module having an input and an output, the presentation module coupled to the one or more processors and generating and presenting a user interface for displaying a document and an automatic capture interface for showing status of attachment of a captured image to the document; and

an automatic capture module having an input and an output, the automatic capture module coupled to the one or more processors and automatically capturing images in response to a capture image command, the automatic capture module determining a document and a page including text in the document being displayed by a computing device, determining page metadata associated with each page of the document, and adding the captured image as an annotation to a location on the page including text in the document, the location determined based at least in part on the page metadata. ~~a current document being displayed and inserting the captured image into the current document; and~~

~~a processor having an input and an output, coupled to the output of the camera, the input of the display device, the stroke capture device, the presentation module and the automatic capture module, the processor receive a document, displaying an image of a page of the document, storing strokes captured by the stroke capture device and cooperating with the automatic capture module to automatically attach captured images to documents.~~

CLAIM 10. The apparatus of claim 9, wherein the automatic capture module is responsive to an image capture command, and in response creates a new page of a document.

CLAIM 11. The apparatus of claim 9, wherein the automatic capture module is responsive to a stroke input, and in response to the stroke input, displays a picture rectangle in a visually distinct manner to indicate where a captured image will be inserted.

CLAIM 12. The apparatus of claim 9, wherein the automatic capture module is responsive to a stroke input, and in response to the stroke input, displays an instruction box with a plurality of commands and associated check boxes.

CLAIMS

- CLAIM 1. A method for automatic attachment of an image to a document, the method comprising:
- receiving, with one or more processors, a capture image command;
 - capturing, with the one or more processors, the image;
 - determining, with the one or more processors, a document and a page including text in the document being displayed by a computing device;
 - determining, with the one or more processors, page metadata associated with each page of the document; and
 - adding, with the one or more processors, the captured image as an annotation to a location on the page including text in the document, the location determined based at least in part on the page metadata.
- CLAIM 2. The method of claim 1, further comprising:
- recording metadata; and
 - adding the metadata to the determined document.
- CLAIM 3. The method of claim 2, wherein adding the captured image includes adding the captured image to a same directory location as the document and adding the metadata to document metadata.
- CLAIM 4. The method of claim 2, wherein adding the captured image includes: creating a new page in the document; and adding the captured image to the new page of the document.
- CLAIM 5. The method of claim 1 further comprising:
- determining a current page of the document being displayed on the computing device;
 - determining whether there are any picture rectangles for the current page;
 - and

responsive to there not being any picture rectangles for the current page, creating a new page in the document, and adding the captured image to the new page of the document.

CLAIM 6. The method of claim 1 further comprising:

determining a current page of the document being displayed on the computing device;

determining whether there is a picture rectangle for the current page; and

responsive to there being at least one picture rectangle for the current page, adding the captured image to the current page in place of the picture rectangle.

CLAIM 7. The method of claim 6 further comprising:

determining whether a picture rectangle has been selected;

responsive to the picture rectangle being selected, replacing the selected picture rectangle with the captured image.

CLAIM 8. The method of claim 6 further comprising:

determining whether a picture rectangle has been selected;

responsive to the picture rectangle not being selected, determining a first unfilled picture rectangle, and replacing the first unfilled picture rectangle with the captured image.

CLAIM 9. An apparatus for automatic attachment of an image to a document, the apparatus comprising:

one or more processors;

a camera having an input and an output, the camera coupled to the one or more processors and capturing images;

a display device having an input, the display device coupled to the one or more processors and displaying images;

a stroke capture device having an input and an output, the stroke capture device coupled to the one or more processors and accepting strokes and generating signals representing the strokes;

a presentation module having an input and an output, the presentation module coupled to the one or more processors and generating and presenting a user interface for displaying a document and an automatic capture interface for showing status of attachment of a captured image to the document; and

an automatic capture module having an input and an output, the automatic capture module coupled to the one or more processors and automatically capturing images in response to a capture image command, the automatic capture module determining a document and a page including text in the document being displayed by a computing device, determining page metadata associated with each page of the document, and adding the captured image as an annotation to a location on the page including text in the document, the location determined based at least in part on the page metadata.

CLAIM 10. The apparatus of claim 9, wherein the automatic capture module is responsive to an image capture command, and in response creates a new page of a document.

CLAIM 11. The apparatus of claim 9, wherein the automatic capture module is responsive to a stroke input, and in response to the stroke input, displays a picture rectangle in a visually distinct manner to indicate where a captured image will be inserted.

CLAIM 12. The apparatus of claim 9, wherein the automatic capture module is responsive to a stroke input, and in response to the stroke input, displays an instruction box with a plurality of commands and associated check boxes.