

7. The system of claim 1, wherein the image plane comprises a platen in the imaging system.

8. The system of claim 1, further comprising a transport mechanism and a controller.

9. The system of claim 8, wherein the transport mechanism is operable to move the sensing device across the image plane.

10. The system of claim 1, wherein the second light source comprises a reflective surface operable to receive light from the first light source and reflect the light to illuminate the image plane.

11. The system of claim 10, further comprising shutters placed between the first light source and the image plane and the second light source and the image plane, the shutters operable to control the illumination of the image plane.

12. The system of claim 1, wherein the light sources are set at a predetermined angle of substantially 120 degrees from each other.

13. The system of claim 12, wherein the first light source, the second light source and the third light source are associated with a drum scanner.

14. The system of claim 1, further comprising a fourth light source, the scanning device operable to detect light from the third light source and fourth light source which have been influenced by the image plane.

15. The system of claim 14, wherein the light sources are spaced substantially 90 degrees from each other.

16. The system of claim 1, wherein the first light source and second light source comprise a first mirror and a second mirror operable to focus light from a common source.

17. The system of claim 1, wherein the sensing device is placed behind the image plane and the image plane is substantially transparent.

18. The system of claim 1, wherein the processor operates to correct the image based on the image defects.

19. A method for obtaining an image and defect data comprising:

producing a first record image of a source document by illuminating a source document from a first direction, the illumination interacting with the source document;

producing a second record image of the source document by illuminating the source document from a second direction, the illumination interacting with the source document;

producing a third record image of the source document by illuminating the source document from a third direction; and

using the first record image, the second record image, and the third record image to reproduce an image of the source document and a defect map.

20. The method of claim 19, herein the step of using the first record further comprises the steps of:

detecting the illumination after interacting with the source document from the first direction and the second direction to form the first record and the second record; and processing the records to form the image and the defect map.

21. The method of claim 19, wherein the steps of producing a first record image and producing a second record image further comprises:

using a first light source to illuminate the source document from the first direction; and

using a second light source to illuminate the source document from the second direction.

22. The method of claim 21, wherein the steps of using a first light source and using a second light source comprises

using a fluorescent light source as a first light source and using a fluorescent light source as a second light source.

23. The method of claim 21, wherein the steps of using a first light source and using a second light source comprises using an infrared light source for at least one of the light sources.

24. The method of claim 19, wherein the steps of using a first light source and using a second light source further comprises using an ultraviolet light source for least one of the light sources.

25. The method of claim 19, wherein the steps of using a first light source and using a first light source further comprises using an infrared light source for at least one of the light sources further comprises:

setting the first light source at a predetermined angle between 30 and 70 degrees from an image plane; and setting the second light source at a predetermined angle between 110 and 150 degrees from an image plane.

26. The method of claim 19, wherein the steps of producing a first record image and producing a second record image further comprises moving a sensing device over the document.

27. The method of claim 19, wherein the steps of producing a first record image and producing a second record image further comprises:

providing a first light source to illuminate the source document from a first direction; and

providing a reflective surface operable to receive light from the first light source and reflect the light to illuminate the document from a second direction.

28. The method of claim 19, wherein the steps of producing a first record image and producing a second record image further comprises:

using a common source of light to reflect light off a first mirror to illuminate the source document from a first direction; and

using the common source of light to reflect light off a second mirror to illuminate the source document from a second direction.

29. The method of claim 19, further comprising: correcting the image using the defect map.

30. The method of claim 29, wherein a defect area is defined within the image; and

the defect area is corrected by filling in the defect area with an average value obtained from the pixels surrounding but not including the defect area.

31. A method for obtaining an image and defect data comprising:

producing a first record image of a source document by illuminating a source document from a first direction, the illumination interacting with the source document;

producing a second record image of the source document by illuminating the source document from a second direction, the illumination interacting with the source document;

using the first record image and the second record image to reproduce an image of the source document and a defect map; and

correcting the image using the defect map, wherein the image is corrected by increasing an intensity of each image pixel by an amount proportional to the intensity of each defect pixel.

32. A scanner comprising:

a first light source operable to illuminate an image plane in a first direction;