CLAIMS

1. A system for evaluating currency in areas using image processing, comprising:

a non-transitory storage medium that stores instructions; and

a processor that executes the instructions to:

receive an image of an area from an image sensor;

process the image to identify at least one item of currency in the area;

determine whether the at least one item of currency is valid; and

when the at least one item of currency is determined to be suspect, project an output, via a light source or emitter, onto the at least one item of currency and/or proximate thereto.

2. The system of claim 1, wherein the processor determines that the at least one item of currency is suspect when the processor identifies the at least one item of currency as counterfeit.

3. The system of claim 2, wherein the processor identifies the at least one item of currency as counterfeit when the processor is unable to locate a security feature of the at least one item of currency during processing of the image.

4. The system of claim 2, wherein the processor identifies the at least one item of currency as counterfeit using a numerical identifier extracted from the image using optical character recognition.

5. The system of claim 1, wherein the image comprises a first image from a camera and a second image from an infrared image sensor.

6. The system of claim 1, wherein the image sensor includes an infrared filter.

7. The system of claim 1, wherein the processor identifies the at least one item of currency as counterfeit when the processor is unable to locate an infrared strip of the at least one item of currency during processing of the image.

8. The system of claim 1, wherein the processor transmits the output to an electronic device.

9. The system of claim 1, wherein the processor identifies the at least one item of currency as counterfeit when the processor is unable to locate a watermark of the at least one item of currency during processing of the image, the watermark configured to glow under ultraviolet illumination.

10. The system of claim 1, wherein the processor provides the output by identifying the at least one item of currency on a display.

11. The system of claim 1, wherein the processor provides the output by summoning an authority.

12. The system of claim 1, wherein the image sensor is located at least approximately over one meter from the at least one item of currency.

13. The system of claim 1, wherein the image is a video.

14. The system of claim 1, wherein the image is a still image.

15. A system for evaluating currency in areas using image processing, comprising:

a non-transitory storage medium that stores instructions; and

a processor that executes the instructions to:

receive an image of an area from an image sensor;

process the image to identify at least one item of currency in the area;

determine that the at least one item of currency is counterfeit; and

when the at least one item of currency is determined to be counterfeit,

project an output, via a light source or emitter, onto the at least one item of currency and/or proximate thereto.

16. The system of claim 15, wherein the processor provides the output by signaling removal of the at least one item of currency from the area.

17. The system of claim 15, wherein the processor provides the output by signaling replacement of the at least one item of currency in the area.

18. A system for evaluating currency in areas using image processing, comprising:

a non-transitory storage medium that stores instructions; and

a processor that executes the instructions to:

process an image from an image sensor to identify at least one item of currency in an area; and

upon using the image to determine that the at least one item of currency is of suspect validity, project an output, via a light source or emitter,

onto the at least one item of currency and/or proximate thereto.

19. The system of claim 18, wherein the processor identifies the at least one item of currency as counterfeit by comparing a numerical identifier extracted from the image using optical character recognition to a suspect currency list.

20. The system of claim 18, wherein the processor illuminates the area using ultraviolet illumination.