CLAIMS

1. A recognition apparatus, comprising:

an electronic image interface configured to acquire a display screen image from an input device for inputting a character string included in a captured image in which recognition of the character string according to a first algorithm fails, the display screen image being based on at least the captured image displayed on a display screen of the input device;

an electronic input interface configured to input the character string to the input device; and

a processor configured to:

perform, when a recognition of the character string according to the first algorithm fails, character recognition processing on the display screen image according to a second algorithm different from the first algorithm that is capable of recognizing at least a portion of the character string that the first algorithm cannot recognize;

acquire the result of character recognition processing performed on the display screen image; and

input an operation signal indicating a key input operation for inputting the character string based on the result of the character recognition processing to the input device through the electronic input interface.

2. The recognition apparatus according to claim 1, comprising:

an electronic operation unit interface connected to an operation unit; and

a display interface connected to a display,

wherein if the processor fails in the character recognition processing according to the second algorithm, the processor displays the display screen on the display through the display interface and inputs to the input device through the electronic input interface an operation signal indicating an operation input to the operation unit.

3. The recognition apparatus according to any one of claim 1 or 2, wherein

the captured image is an image obtained by capturing an image of a surface of an article on which a destination is written, and

the processor is configured to input the destination as the character string through the electronic input interface.

4. The recognition apparatus according to claim 1, wherein the electronic image interface is a capture board acquiring the display screen image to be displayed on a display screen of the input device.

5. The recognition apparatus according to claim 1, wherein the operation signal is the same as a signal input through an operation unit connected to an electronic operation unit interface of the input device.

6. A program executed by a processor and causing the processor to implement functions of:

acquiring a display screen image from an input device for inputting a character string included in a captured image in which recognition of the character string according to a first algorithm fails, the display screen image being based on at least the captured image displayed on a display screen of the input device;

performing, when a recognition of the character string according to the first algorithm fails, character recognition processing on the display screen image according to a second algorithm different from the first algorithm that is capable of recognizing at least a portion of the character string that the first algorithm cannot recognize;

acquiring a result of the character recognition processing performed on the display screen image; and

inputting an operation signal indicating a key input operation for inputting the character string based on the result of the character recognition processing to the input device.