CLAIMS

1. An information processing apparatus connected to an external apparatus configured to acquire an image to be processed, display the image to be processed on a display device, and receive input information corresponding to character information included in the image to be processed, the information processing apparatus comprising:

an image interface configured to acquire a display image generated by the external apparatus and including an image to be processed;

an input interface configured to provide the external apparatus with a signal indicating input information for the display image;

an input terminal interface configured to be connected to an input terminal including the display device and an input device;

a recognition unit configured to recognize a character string in the image to be processed included in the display image acquired by the image interface; and

a processor configured to provide, through the input interface, the external apparatus with first input information recognized from the image to be processed by the recognition unit; and

in a case where additional information is necessary for the first input information recognized from the image to be processed by the recognition unit, request the input terminal to input the first input information and input the

additional information based on the image to be processed, and provide the external apparatus through the input interface with information indicating the first input information and the additional information input by the input terminal.

2. The information processing apparatus according to claim 1, wherein

the image interface is a capture board interface connected to a capture board that captures a display image including an image to be processed that the external apparatus causes a display apparatus to display.

3. The information processing apparatus according to claim 1 or 2, wherein

the input interface is an emulator interface that is connected to an emulator that emulates a signal indicating input information for the display image as a signal input to an input apparatus and provides the external apparatus with the signal.

4. The information processing apparatus according to any one of claims 1 to 3, wherein

the first input information is an address in destination information,

the additional information is a recipient name in destination information,

the processor determines that a recipient name as additional information is necessary in a case where a person who moved out exists in an address recognized by the

recognition unit from the image to be processed, requests the input terminal to input an address and a recipient name based on the image to be processed, and provides the external apparatus with an address and a recipient name input by the input terminal.

5. The information processing apparatus according to any one of claims 1 to 4, wherein

in a case where the additional information is requested from the external apparatus after providing the external device with a result of recognizing first input information from the image to be processed by the recognition unit, the processor receives a request for the additional information from the external apparatus, requests the input terminal to input the first input information and input the additional information based on the image to be processed, and provides the external device with information indicating the first input information and the additional information input by the input terminal.

6. The information processing apparatus according to any one of claims 1 to 5, wherein

the processor is configured to:

cause the recognition unit to recognize the additional information in the image to be processed if the additional information is necessary;

if the recognition unit can recognize additional information, provide the external apparatus with the additional information based on a recognition result of the

additional information; and

if the recognition unit cannot recognize additional information, request the input terminal to input the first input information and input the additional information based on the image to be processed, and provide the external apparatus with information indicating the first input information and the additional information input by the input terminal.

7. An information input system comprising a recognition apparatus, a display device and an operation device, wherein

the recognition apparatus is connected to an external apparatus configured to acquire an image to be processed, display the image to be processed on the display device, and receive input information corresponding to character information included in the image to be processed, the recognition apparatus comprising:

an image interface configured to acquire a display image generated by the external apparatus and including an image to be processed;

an input interface configured to provide the external apparatus with a signal indicating input information for the display image;

a display device interface configured to be connected to the display device;

an operation device interface configured to communicate with the operation device;

a recognition unit configured to recognize a character string in the image to be processed included in the display image acquired by the image interface; and

a processor configured to provide, through the input interface, the external apparatus with first input information recognized from the image to be processed by the recognition unit; and

in a case where additional information is necessary for the first input information recognized from the image to be processed by the recognition unit, cause the display device to display a screen requesting an input of the first input information and an input of the additional information in the image to be processed, and provide the external apparatus through the input interface with information indicating the first input information and the additional information input by the operation device.

8. The information input system according to claim 7, wherein

the image interface is a capture board interface connected to a capture board that captures a display image including an image to be processed that the external apparatus causes a display apparatus to display.

9. The information input system according to claim 7 or 8, wherein

the input interface is an emulator interface that is connected to an emulator that emulates a signal indicating input information for the display image as a signal input

to an input apparatus and provides the external apparatus with the signal.

10. The information input system according to any one of claims 7 to 9, wherein

the first input information is an address in destination information,

the additional information is a recipient name in destination information,

the processor determines that a recipient name as additional information is necessary in a case where a person who moved out exists in an address recognized by the recognition unit from the image to be processed, displays an input screen for an address and a recipient name based on the image to be processed on the display device, and provides the external apparatus with an address and a recipient name input by the operation device.

11. The information input system according to any one of claims 7 to 10, wherein

if the additional information is requested from the external apparatus after providing the external device with a result of recognizing first input information from the image to be processed by the recognition unit, the processor receives a request for the additional information from the external apparatus, displays an input of the first input information and an input screen for the additional information based on the image to be processed on the display device, and provides the external device with

information indicating the first input information and the additional information input by the operation device.

12. The information input system according to any one of claims 7 to 11, wherein

the processor is configured to:

cause the recognition unit to recognize the additional information in the image to be processed if the additional information is necessary;

if the recognition unit can recognize additional information, provide the external apparatus with the additional information based on a recognition result of the additional information; and

if the recognition unit cannot recognize additional information, display an input of the first input information and an input screen for the additional information based on the image to be processed on the display device, and provide the external apparatus with information indicating the first input information and the additional information input by the operation device.