WHAT IS CLAIMED IS:

1. An image processing apparatus comprising:

a plurality of functioning units each including:

an image forming functioning unit that is configured to form an image in a medium; and

a reception functioning unit that is configured to receive an execution command of a processing from outside,

wherein each of the plurality of functioning units is configured to have a high power state having high power consumption and a low power state having low power consumption as an operational state;

a control receiving unit that is configured to receive a user's control and that has a high power state and a low power state as an operational state; and

a controlling unit that is configured to separately control at least the operational state of the control receiving unit and the operational state of the functioning unit by transiting between the high power state and the low power state,

wherein, in a case that the control receiving unit is in the high power state, the controlling unit transits the operational state of the functioning unit which is in the high power state to the low power state when a first set time elapses after an execution of a processing is terminated with respect to at least a predetermined type of the processing, and

in a case that the control receiving unit is in the low power state, the controlling unit transits the operational state of the functioning unit which is in the high power state to the low power state when a second set time elapses after the execution of the predetermined type of the processing is terminated, the second set time being different from the first set time.

2. The image processing apparatus according to claim 1,

wherein the second set time is shorter than the first set time.

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

wherein the controlling unit sets at least one of the first set time and the second set time based on at least one of a control of the control receiving unit and a command received by the reception functioning unit.

4. An image processing apparatus comprising:

a plurality of functioning units each including:

an image forming functioning unit that is configured to form an image in a medium; and

a reception functioning unit that is configured to receive an execution command of a processing from outside,

wherein each of the plurality of functioning units is configured to have a high power state having high power consumption and a low power state having low power consumption as an operational state;

a control receiving unit that is configured to receive a user's control and that has a high power state and a low power state as an operational state; and

a controlling unit that is configured to separately control at least the operational state of the control receiving unit and the operational state of the functioning unit by transiting between the high power state and the low power state,

wherein, in a case that (i) the control receiving unit is in the low power state and (ii) an execution of a processing is terminated, the controlling unit sets a first set time and transits the operation state of the functioning unit which is in the high power state to the low power sate after the first set time elapses, and

in a case that (iii) the control receiving unit is in the high power state and (ii) the execution of the processing is terminated, the controlling unit sets a second set time and

transits the operation state of the functioning unit which is in the high power state to the low power state after the second set time elapses.

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

wherein the controlling unit separately controls the operational states of the plurality of functioning units by transiting between the high power state and the low power state.

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

wherein the controlling unit controls to transit the operational states of the functioning units which are in the high power state to the low power state based on the first set time and the second set time which are separately set for each processing type.

7. The image processing apparatus according to claim 1 or 2,

wherein, in a case that the control receiving unit is in the low power state and the image forming functioning unit is in the high power state with respect to the predetermined type of the processing, the controlling unit controls to transit the operational state of the functioning unit which is in the high power state to the low power state when the first set time elapses after the predetermined type of the processing is terminated.

8. The image processing apparatus according to claim 7,

wherein the predetermined type of the processing includes a processing which is received by the reception functioning unit and which is instructed by the execution command from outside, and

the predetermined type of the processing is executed so as to perform only (a) forming the image on the medium and (b) discharging the medium on which the image is formed after the control receiving unit receives the user's control.

9. An image processing apparatus comprising:

a plurality of functioning units each including:

an image forming functioning unit that is configured to form an image in a medium; and

a reception functioning unit that is configured to receive an execution command of a processing from outside,

wherein each of the plurality of functioning units is configured to have a high power state having high power consumption and a low power state having low power consumption as an operational state;

a control receiving unit that is configured to receive a user's control and that has a high power state and a low power state as an operational state; and

a controlling unit that is configured to separately control at least the operational state of the control receiving unit and the operational state of the functioning unit by transiting between the high power state and the low power state,

wherein, in a case that the control receiving unit is in the high power state or the image forming functioning unit is in the low power state, the controlling unit transits the operational state of the functioning unit which is in the high power state to the low power state when a first set time elapses after an execution of a processing is terminated with respect to at least a predetermined type of the processing, and

in a case that the control receiving unit is in the low power state and the image forming functioning unit is in the high power state, the controlling unit transits the operational state of the functioning unit which is in the high power state to the low power state when a second set time elapses after the execution of the predetermined type of the processing is terminated, the second set time being different from the first set time.

10. The image processing apparatus according to claim 9,

wherein the second set time is shorter than the first set time.

11. A program that causes a computer to execute image processing, the computer controlling an image processing apparatus which includes a plurality of functioning units each including: an image forming functioning unit that is configured to form an image in a medium; a reception functioning unit that is configured to receive an execution command of a processing from outside; a control receiving unit that is configured to receive a user's control; and a high power state having high power consumption and a low power state having low power consumption as an operational state, the image processing comprising:

transiting the operational state of the functioning unit which is in the high power state to the low power state when a first set time elapses after an execution of a processing is terminated with respect to at least a predetermined type of the processing in a case that the control receiving unit is in the high power state, and

transiting the operational state of the functioning unit which is in the high power state to the low power state when a second set time elapses after the execution of the predetermined type of the processing is terminated in a case that the control receiving unit is in the low power state, the second set time being different from the first set time.

12. The program according to claim 11,

wherein the second set time is shorter than the first set time.

What is claimed is:

1. An image processing apparatus comprising:

a plurality of functioning units each including:

an image forming functioning unit that is configured to form an image in a medium; and

a reception functioning unit that is configured to receive an execution command of a processing from outside,

wherein each of the plurality of functioning units is configured to have a high power state having high power consumption and a low power state having low power consumption as an operational state;

a control receiving unit that is configured to receive a user's control and that has a high power state and a low power state as an operational state; and

a controlling unit that is configured to separately control at least the operational state of the control receiving unit and the operational state of a first functioning unit of the plurality of functioning units by transiting between the high power state and the low power state,

wherein, in a case that the control receiving unit is in the high power state, the controlling unit transits the operational state of the first functioning unit which is in the high power state to the low power state when a first set time elapses after an execution of a processing is terminated with respect to at least a predetermined type of the processing, and in a case that the control receiving unit is in the low power state, the controlling unit transits the operational state of the first functioning unit which is in the high power state to the low power state when a second set time elapses after the execution of the predetermined type of the processing is terminated, the second set time being shorter than the first set time.

2. The image processing apparatus according to claim 1,

wherein the controlling unit sets at least one of the first set time and the second set time based on at least one of a control of the control receiving unit and a command received by the reception functioning unit.

3. An image processing apparatus comprising:

a plurality of functioning units each including:

an image forming functioning unit that is configured to form an image in a medium; and

a reception functioning unit that is configured to receive an execution command of a processing from outside,

wherein each of the plurality of functioning units is configured to have a high power state having high power consumption and a low power state having low power consumption as an operational state;

a control receiving unit that is configured to receive a user's control and that has a high power state and a low power state as an operational state; and

a controlling unit that is configured to separately control at least the operational state of the control receiving unit and the operational state of a first functioning unit of the plurality of functioning units by transiting between the high power state and the low power state,

wherein, in a case that (i) the control receiving unit is in the low power state and (ii) an execution of a processing is terminated, the controlling unit sets a first set time and transits the operation state of the first functioning unit which is in the high power state to the low power state after the first set time elapses, and

in a case that (iii) the control receiving unit is in the high power state and (ii) the

execution of the processing is terminated, the controlling unit sets a second set time and transits the operation state of the first functioning unit which is in the high power state to the low power state after the second set time elapses, the second set time being shorter than the first set time.

4. The image processing apparatus according to claim 1,

wherein the controlling unit separately controls the operational states of the plurality of functioning units by transiting between the high power state and the low power state.

5. The image processing apparatus according to claim 1,

wherein the controlling unit controls to transit the operational states of each of the plurality of functioning units which are in the high power state to the low power state based on the first set time and the second set time which are separately set for each processing type.

6. The image processing apparatus according to claim 1,

wherein, in a case that the control receiving unit is in the low power state and the image forming functioning unit is in the high power state with respect to the predetermined type of the processing, the controlling unit controls to transit the operational state of the first functioning unit which is in the high power state to the low power state when the first set time elapses after the predetermined type of the processing is terminated.

7. The image processing apparatus according to claim 6,

wherein the predetermined type of the processing includes a processing which is received by the reception functioning unit and which is instructed by the execution command from outside, and

the predetermined type of the processing is executed so as to perform only (a) forming the image on the medium and (b) discharging the medium on which the image is formed after the control receiving unit receives the user's control.

8. An image processing apparatus comprising:

a plurality of functioning units each including:

an image forming functioning unit that is configured to form an image in a medium; and

a reception functioning unit that is configured to receive an execution command of a processing from outside,

wherein each of the plurality of functioning units is configured to have a high power state having high power consumption and a low power state having low power consumption as an operational state;

a control receiving unit that is configured to receive a user's control and that has a high power state and a low power state as an operational state; and

a controlling unit that is configured to separately control at least the operational state of the control receiving unit and the operational state of a first functioning unit of the plurality of functioning units by transiting between the high power state and the low power state,

wherein, in a case that the control receiving unit is in the high power state or the image forming functioning unit is in the low power state, the controlling unit transits the operational state of the first functioning unit which is in the high power state to the low power state when a first set time elapses after an execution of a processing is terminated with respect to at least a predetermined type of the processing, and

in a case that the control receiving unit is in the low power state and the image forming functioning unit is in the high power state, the controlling unit transits the operational state of the first functioning unit which is in the high power state to the low power state when a second set time elapses after the execution of the predetermined type of the processing is terminated, the second set time being shorter than the first set time.

9. A non-transitory computer-readable medium storing a program that causes a computer to execute image processing, the computer controlling an image processing apparatus which includes a plurality of functioning units each including: an image forming functioning unit that is configured to form an image in a medium; a reception functioning unit that is configured to receive an execution command of a processing from outside; a control receiving unit that is configured to receive a user's control; and a high power state having high power consumption and a low power state having low power consumption as an operational state, the image processing comprising:

transiting the operational state of the first functioning unit which is in the high power state to the low power state when a first set time elapses after an execution of a processing is terminated with respect to at least a predetermined type of the processing in a case that the control receiving unit is in the high power state, and

transiting the operational state of the first functioning unit which is in the high power state to the low power state when a second set time elapses after the execution of the predetermined type of the processing is terminated in a case that the control receiving unit is in the low power state, the second set time being shorter than the first set time.

10. The image processing apparatus according to claim 1,

wherein the first set and second set times are a predetermined times, and

wherein the second set time is a predetermined time that is different from the first set time so that the time of changing the operational state of the first functioning unit from a high power state to a low power state depends on the operational state of the control receiving unit.