# CLAIMS

[Claim 1] A fire alarm receiver for receiving a signal from a terminal device installed in a protected area and executing processing according to the signal,

wherein the terminal device includes:

a fire detector that is installed in the protected area and is configured to output a detector signal;

a manual release switch for instructing release of fire-extinguishing gas from a spray head installed in the protected area, the manual release switch being configured to output a first start signal when operated by a user; and

an emergency stop switch for performing an emergency stop of release of fire-extinguishing gas from the spray head, the emergency stop switch being configured to output a stop signal when operated by a user, and

the fire alarm receiver

performs polling on a plurality of the terminal devices to receive a signal,

starts a countdown after receiving the detector signal or the first start signal,

stops the countdown upon receiving the stop signal before the countdown ends,

releases fire-extinguishing gas from the spray head when the countdown ends, and

receives the stop signal with priority over the detector signal,

wherein in the polling, a normal response timing is set for each of the plurality of the terminal devices, and a special response timing is set for the emergency stop switch in addition to the normal response timing.

[Claim 2] The fire alarm receiver according to claim 1,

wherein the fire alarm receiver executes processing corresponding to the stop signal with priority over processing corresponding to the detector signal or the first start signal.

[Claim 3] The fire alarm receiver according to claim 1 or 2, wherein the fire alarm receiver

receives the first start signal and the stop signal via a first gas fire-extinguishing control device installed in the protected area,

includes a storage unit configured to store an operation mode in association with the first gas fire-extinguishing control device,

if the operation mode stored in the storage unit is an automatic mode, the fire alarm receiver starts the countdown upon receiving the detector signal or the first start signal, and if the operation mode stored in the storage unit is a manual mode, the fire alarm receiver starts the countdown only when the first start signal is received, and

if an operation mode that is different from that of the first gas fire-extinguishing control device is stored in the storage unit in association with a second gas fire-extinguishing control device installed in the protected area, the fire alarm receiver starts the countdown only when the first start signal is received.

[Claim 4] The fire alarm receiver according to claim 3,

wherein the terminal device further includes an alerting device configured to, upon receiving input of a second start signal, alert that fire-extinguishing gas is to be released from the spray head, and

the first gas fire-extinguishing control device includes:

an input/output control unit configured to relay the first start signal output from the manual release switch to the fire alarm receiver, relay a stop signal output from the emergency stop switch to the fire alarm receiver, and start up the alerting device in response to the second start signal output from the fire alarm receiver; and

a display unit configured to display an amount of time until fire-extinguishing gas is released from the spray head.