CLAIMS

1. A fishing state management device that comprises a grip portion and is provided on a fishing rod of a user to which a fishing line having a fishing hook is attached at an end, the fishing state management device comprising:

a vibration generation unit that is provided on the grip portion and generates vibration in the grip portion; a detection unit that is provided on the fishing rod and detects a fishing state of the user comprising at least movement and vibration of the fishing rod to generate data regarding the fishing state; a recording unit that records the data regarding the fishing state; a processing unit that transmits a vibration generation signal to the vibration generation unit based on the data regarding the fishing state; and a transmission/reception unit that receives data regarding a fishing state of another user from an outside, wherein the processing unit transmits another vibration signal to the vibration generation unit that is generated based on the data regarding the fishing state of the another user, and based on the another vibration signal, the vibration generation unit generates vibration in the grip portion that simulate vibration experienced by the another user based on the data regarding the fishing state of the another user.

2. The fishing state management device according to claim 1, wherein the recording unit records data regarding a fishing state for each fishing action as history data.

3. The fishing state management device according to claim 1, wherein the recording unit records data of another user regarding a fishing state for each fishing action as history data.

4. The fishing state management device according to any one of claims 1 to 3, wherein the fishing state comprises at least vibration of the fishing rod and acceleration of the fishing rod.

5. The fishing state management device according to claim 4, wherein the fishing state further comprises tension of the fishing line and a discharge line length of the fishing line.

6. The fishing state management device according to any one of claims 1 to 5, further comprising a display unit, wherein the display unit displays the fishing state.

7. The fishing state management device according to any one of claims 1 to 6, wherein the vibration generation unit comprises an actuator unit that vibrates the grip portion, and drives the actuator unit based on a vibration generation signal from the processing unit.

8. A fishing state management system comprising: a fishing rod of a user; an information processing device; and a fishing state management device that is communicably connected to the information processing device, comprises a grip portion and is provided on a fishing rod of the user to which a fishing line having a fishing hook is attached at an end,

wherein the information processing device comprises a recording unit that records data regarding the fishing state comprising at least movement and vibration of the fishing rod,

the fishing state management device comprises:

a vibration generation unit that is provided on the grip portion and generates vibration in the grip portion; a detection unit that is provided on the fishing rod and detects the fishing state of the user to generate the data regarding the fishing state;

a processing unit that transmits a vibration generation signal to the vibration generation unit based on the data regarding the fishing state;

the data regarding the fishing state detected by the detection unit is stored in the recording unit;

the processing unit transmits the vibration generation signal to the vibration generation unit based on the data regarding the fishing state stored in the recording unit; and

a transmission/reception unit that receives data regarding a fishing state of another user from an outside,

wherein the processing unit transmits another vibration signal to the vibration generation unit that is generated based on the data regarding the fishing state of the another user, and based on the another vibration signal, the vibration generation unit generates vibration in the grip portion that simulate vibration experienced by the another user based on the data regarding the fishing state of the another user.

9. The fishing state management system according to claim 8, wherein the information processing device comprises a display unit, and the display unit displays the data regarding the fishing state stored in the recording unit.

10. The fishing state management system according to claim 8, wherein the fishing state management device comprises a display unit, acquires the data regarding the fishing state from the information processing device, and displays the data regarding the fishing state on the display unit.

11. A fishing rod comprising the fishing state management device according to any one of claims 1 to 10.