[CLAIMS]

[Claim 1]

A photoelectric conversion element comprising:
a first electrode section;
a second electrode section;
an electron-transporting section between the first electrode section and the second electrode section;
a light-absorbing section; and
a hole-transporting section,
wherein the hole-transporting section has a peak that reaches maximum at a Raman shift of 1575 cm^{-1}±10 cm^{-1} and a peak that reaches maximum at a Raman shift of 1606 cm^{-1}±10 cm^{-1} in a Raman spectrum obtained by emitting laser light having a wavelength of 532 nm, and has a peak intensity ratio A/B of 0.80 or more, the peak intensity ratio A/B being obtained from a maximum peak intensity A of the peak that reaches maximum at 1575 cm^{-1}±10 cm^{-1} and a maximum peak intensity B of the peak that reaches maximum at 1606 cm^{-1}±10 cm^{-1}.

[Claim 2]

The photoelectric conversion element according to claim 1,
wherein the peak intensity ratio A/B is 0.90 or more.

[Claim 3]

The photoelectric conversion element according to claim 1 or 2,
wherein the hole-transporting section includes at least a hole-transporting material and an oxidizing agent, and
the hole-transporting material includes a spiro-ring structure.

[Claim 4]

The photoelectric conversion element according to claim 3,
wherein the oxidizing agent includes a cobalt complex.

[Claim 5]

The photoelectric conversion element according to claim 3 or 4,
wherein the hole-transporting section further includes an alkali metal salt.

[Claim 6]

The photoelectric conversion element according to any one of claims 3 to 5,
wherein the hole-transporting section further includes a compound having a pyridine ring structure.

[Claim 7]

The photoelectric conversion element according to any one of claims 1 to 6, further comprising
a hole blocking section that is provided between the first electrode section and the electron-transporting section.

[Claim 8]

The photoelectric conversion element according to any one of claims 1 to 7,
wherein the photoelectric conversion element includes a sealing member configured to shield the hole-transporting section from an external environment of the photoelectric conversion element.

[Claim 9]

The photoelectric conversion element according to claim 8,
wherein a hollow section inside a sealed part shielded from the external environment by the sealing member includes oxygen.

[Claim 10]

A photoelectric conversion element module comprising
a plurality of photoelectric conversion elements that are disposed, each of the plurality of photoelectric conversion elements is the photoelectric conversion element according to any one of claims 1 to 9,
wherein the plurality of photoelectric conversion elements are coupled in series, are coupled in parallel, or are coupled in series and in parallel.

[Claim 11]

The photoelectric conversion element module according to claim 10,
wherein the photoelectric conversion element module includes at least two photoelectric conversion elements adjacent to each other, and
the first electrode section in one of the photoelectric conversion elements is electrically coupled to the second electrode section in another of the photoelectric conversion elements through a conduction section penetrating at least from the hole-transporting section through a hole blocking section.

[Claim 12]

The photoelectric conversion element module according to claim 10 or 11,
wherein the photoelectric conversion element module includes a sealing member configured to shield, from an external environment of the photoelectric conversion element module, the hole-transporting sections in the plurality of photoelectric conversion elements constituting the photoelectric conversion element module.

[Claim 13]

The photoelectric conversion element module according to claim 12, wherein a hollow section inside a sealed part shielded from the external environment by the sealing member includes oxygen.

[Claim 14]

An electronic device comprising:
at least one selected from the group consisting of the photoelectric conversion element according to any one of claims 1 to 9 and the photoelectric conversion element module according to any one of claims 10 to 13; and
a device configured to be driven by electric power generated through photoelectric conversion of at least one selected from the group consisting of the photoelectric conversion element and the photoelectric conversion element module.

[Claim 15]

An electronic device comprising:
at least one selected from the group consisting of the photoelectric conversion element according to any one of claims 1 to 9 and the photoelectric conversion element module according to any one of claims 10 to 13;
a secondary cell capable of storing electric power generated through photoelectric conversion of at least one selected from the group consisting of the photoelectric conversion element and the photoelectric conversion element module; and
a device configured to be driven by the electric power stored in the secondary cell.

[Claim 16]

A power supply module comprising:
at least one selected from the group consisting of the photoelectric conversion element according to any one of claims 1 to 9 and the photoelectric conversion element module according to any one of claims 10 to 13; and
a power supply IC.