the gap is provided by disposing the plate so as to be inserted between the web of the steel sheet pile and the end edge of the H-shaped steel flange.

[Claim 7]

A combined steel sheet pile for which the method of disassembling a combined steel sheet pile according to Claim 4 is used,

wherein the combined steel sheet pile includes the steel sheet pile and the H-shaped steel, and

the steel rod is disposed to come into contact with the web of the steel sheet pile and the end edge of the H-shaped steel flange, and the steel sheet pile and the H-shaped steel are joined together by the fillet weld with the steel rod interposed therebetween.

~~[Claim 8]~~

~~A combined steel sheet pile for which the method of disassembling a combined steel sheet pile according to any one of Claims 1, 2, and 4 is used,~~

~~wherein, when viewed in the cross-section, the steel sheet pile includes a pair of steel sheet pile flanges provided at both ends of the web, arms provided at tip end portions of the steel sheet pile flanges, and the joints provided at tip end portions of the arms and is a hat-shaped steel sheet pile having a hat shape.~~

~~[Claim 9]~~

~~A combined steel sheet pile for which the method of disassembling a combined steel sheet pile according to Claim 8 is used,~~

~~wherein the fillet weld includes a plurality of the weld zones and a plurality of unweld zones in the longitudinal direction of the combined steel sheet pile,~~

~~a length of the unweld zone is a multiple of a length of the weld zone, and~~

~~the weld zones and the unweld zones are alternately arranged.~~

[Claim 10]

A diaphragm wall, comprising:

a plurality of the combined steel sheet piles according to Claim 8,

wherein the diaphragm wall is constructed by fitting the joints of the combined steel sheet piles to one another.