

## CLAIMS

[Claim 1]

A capillary array unit, comprising:  
 a plurality of capillaryies;  
 a load header provided at one end of the  
 capillaryies;  
 a capillary head provided at the other end of the  
 capillaryies;  
 a detection section provided at a portion of the  
 capillaryies; ~~and~~  
 a holder holding the capillaryies;  
a first separator to hold the capillaries in a state  
of being separated from each other; and  
a second separator to hold the capillaries in a state  
of being separated from each other,  
 wherein the holder includes:  
 a first holding section holding the capillaryies in a  
 curved shape;  
 a second holding section linearly holding the  
 capillaryies; and  
 a guide to move the second holding section in a  
 predetermined direction, and  
wherein the capillaries pass through the first  
separator and the second separator so as to twist in a  
crossing manner between adjacent separators.

[Claim 2]

The capillary array unit according to claim 1,  
 wherein the holder includes a fixture to detachably  
 fix the second holding section.

~~{Claim 3}~~

~~The capillary array unit according to claim 1,~~  
~~further comprising~~  
~~a first separator to hold the capillaries in a state~~  
~~of being separated from each other.~~

~~{Claim 4}~~

~~The capillary array unit according to claim 3,  
further comprising  
a second separator to hold the capillaries in a state  
of being separated from each other,  
wherein the capillaries pass through the first  
separator and the second separator so as to twist in a  
crossing manner between adjacent separators.~~

[Claim 53]

A capillary array unit, comprising:  
a capillary;  
a load header provided at one end of the capillary;  
a capillary head provided at the other end of the  
capillary;  
a detection section provided at a portion of the  
capillary; and  
a holder holding the capillary,  
wherein the holder includes:  
a first holding section holding the capillary in a  
curved shape;  
a second holding section linearly holding the  
capillary; and  
a guide to move the second holding section in a  
predetermined direction, and

~~The capillary array unit according to claim 1,  
wherein the second holding section is configured of  
a slide section moving along a guide, and  
a plate section linearly holding the capillary.~~

[Claim 64]

The capillary array unit according to claim 53,  
wherein the plate section has a high thermal  
conductivity.

[Claim 75]

The capillary array unit according to claim 53,  
wherein the plate section is partially bent.

[Claim 86]

The capillary array unit according to claim 53,  
wherein the capillaries are fixed to the plate  
section by a tape.

[Claim 97]

The capillary array unit according to claim 86,  
wherein the tape has a high thermal conductivity.

[Claim 8]

A capillary array unit, comprising:  
a plurality of capillaries;  
a load header provided at one end of the capillaries;  
a capillary head provided at the other end of the  
capillaries;  
a detection section provided at a portion of the  
capillaries; and  
a holder holding the capillaries,  
wherein the holder includes:  
a first holding section holding the capillaries in a  
curved shape;  
a second holding section linearly holding the  
capillaries; and  
a guide to move the second holding section in a  
predetermined direction,  
wherein the holder includes a fixture to detachably  
fix a second frame on one end of the second frame, and  
wherein the fixture and the second frame are aligned  
in a straight line so that the fixture is configured to be  
attachable and detachable on the one end of the second  
frame as a result of an external force being applied in the  
straight line of alignment.

[Claim 9]

The capillary array unit according to claim 8,  
further comprising:  
a first separator to hold the capillaries in a state  
of being separated from each other.

[Claim 10]

The capillary array unit according to claim 9,  
further comprising:

a second separator to hold the capillaries in a state  
of being separated from each other,

wherein the capillaries pass through the first  
separator and the second separator so as to twist in a  
crossing manner between adjacent separators.

[Claim 11]

The capillary array unit according to claim 8,  
wherein the second holding section is configured of  
a slide section moving along a guide, and  
a plate section linearly holding the capillary.

[Claim 12]

The capillary array unit according to claim 11,  
wherein the plate section has a high thermal  
conductivity.

[Claim 13]

The capillary array unit according to claim 11,  
wherein the plate section is partially bent.

[Claim 14]

The capillary array unit according to claim 11,  
wherein the capillaries are fixed to the plate  
section by a tape.

[Claim 15]

The capillary array unit according to claim 14,  
wherein the tape has a high thermal conductivity.