

CLAIMS

1.A wire misaligned arrangement assembly, characterized in that : the assembly comprises an upper pressing block; a lower pressing block; an upper base; a lower base; an upper stopper strip; a lower left stopper strip; and a lower right stopper strip;

5 At least one upper base wire placement groove is formed at the bottom of the upper base; the upper base wire placement groove is upwardly connected to at least one upper pressing block through-hole; the upper pressing block is movably disposed above the corresponding upper pressing block through-hole;

10 At least one lower base wire placement groove is formed at the top of the lower base; the lower base wire placement groove is downwardly connected to at least one lower pressing block through-hole; the lower pressing block is movably disposed below the corresponding lower pressing block through-hole;

15 At least one side of the upper base is provided with an upper stopper strip through-hole; the upper stopper strip through-hole communicates between the upper base and the upper base wire placement groove; the upper stopper strip is movably disposed on the side portion of the upper base corresponding to the upper stopper strip through-hole;

20 Both sides of the lower base are provided with lower stopper strip through-holes; the lower stopper strip through-holes communicate between the lower base and the lower base wire placement groove; the lower left stopper strip and the lower right stopper strip are movably disposed at both sides of the lower base corresponding to the respective lower stopper strip through-holes;

The upper base is movably disposed on the top of the lower base; the lower base is movably disposed at the bottom of the upper base.

25 2.The wire misaligned arrangement assembly according to claim 1, characterized in that : the upper pressing block further comprises an upper pressing block driving device; the upper pressing block driving device is connected to the upper pressing block and drives it to perform a wire pressing action through the upper pressing block through-hole into the upper base wire placement groove.

3.The wire misaligned arrangement assembly according to claim 1, characterized in

that : the lower pressing block further comprises a lower pressing block driving device, the lower pressing block driving device is connected to the lower pressing block and drives it to perform a wire pressing action through the lower pressing block through-hole into the lower base wire placement groove.

5 4.The wire misaligned arrangement assembly according to claim 1, characterized in that : the upper base further comprises an upper base driving device, the upper base driving device is connected to the upper base and drives it to perform a displacement and misalignment motion on the top of the lower base.

10 5.The wire misaligned arrangement assembly according to claim 1, characterized in that : the lower base further comprises a lower base driving device, the lower base driving device is connected to the lower base and drives it to perform a displacement and misalignment motion on the bottom of the upper base.

15 6.The wire misaligned arrangement assembly according to claim 1, characterized in that : the upper stopper strip further comprises an upper stopper strip driving device, the upper stopper strip driving device is connected to the upper stopper strip and drives it to perform a wire blocking action through the upper stopper strip through-hole into the upper base wire placement groove.

20 7.The wire misaligned arrangement assembly according to claim 1, characterized in that : the lower left stopper strip further comprises a lower left stopper strip driving device, the lower left stopper strip driving device is connected to the lower left stopper strip, the lower right stopper strip further comprises a lower right stopper strip driving device, the lower right stopper strip driving device is connected to the lower right stopper strip;

25 The lower left stopper strip driving device and the lower right stopper strip driving device synchronously drive the lower left stopper strip and the lower right stopper strip through the lower stopper strip through-holes on both sides of the lower base into the lower base wire placement groove to perform a wire blocking action.

8.The wire misaligned arrangement assembly according to claim 1, characterized in that : at least one protrusion is formed at one end of the upper pressing block.

9.The wire misaligned arrangement assembly according to claim 1, characterized in

that : at least one protrusion is formed at one end of the lower pressing block.

10. The wire misaligned arrangement assembly according to any one of claims 1 to 7, characterized in that : the upper pressing block driving device, the lower pressing block driving device, the upper base driving device, the lower base driving device, the upper stopper strip driving device, the lower left stopper strip driving device, and the lower right stopper strip driving device are each a cylinder or a motor.
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