Claims

1. A device of automatic mechanical wound opener for head and neck surgery, comprising:

- an operating frame comprising a connecting unit; and
- a wound opener, said wound opener being located at an end of said operating frame, said wound opener comprising:
  - a fixed unit; and
  - a drawing unit, said drawing unit being movably located on said fixed unit,

wherein said fixed unit of said wound opener comprises an adjusting unit and a plurality of moving track rods,

wherein said adjusting unit is located at an end of a horizontal rod of said connecting unit,

wherein said moving track rods are vertically movably located in said adjusting unit,

wherein said drawing unit includes a plurality of blades respectively directly or indirectly connected to an end of each one of said moving track rods,

wherein one end of a vertical adjusting plate is connected to at least one of said moving track rods, one of the blades is connected to the other end of said vertical adjusting plate, the remaining blades are directly connected to each of said moving track rods, respectively, whereby reducing a distance between said blade connecting to said vertical adjusting plate and the neighboring blade next to the other end of said vertical adjusting plate, and

wherein said vertical adjusting plate is disposed between said at least one of said moving track rods and said at least one of said blades.

2. The device according to claim 1, wherein

said operating frame further comprises a supporting unit; said connecting unit is movably combined with said supporting unit; and said wound opener is located at an end of said connecting unit.

3. The device according to claim 2, wherein
said supporting unit comprises an adjusting base and a vertical rod and said vertical rod is located on said adjusting base.

4. The device according to claim 3, wherein
said connecting unit comprises a second adjusting base and said horizontal rod; said second adjusting base is movably located on said vertical rod; said horizontal rod is located on said second adjusting base; and said horizontal rod is perpendicular to said vertical rod.

5. The device according to claim 1, wherein
said adjusting unit has a chute to be movably combined with said moving track rods; and each moving track rod has a locking unit to be movably combined with one of said blades.