Claims:

~~1. An interdental cleaning device adapted for use with a dental floss roll, said interdental cleaning device comprising:~~

~~a main body defining a receiving space configured to receive the dental floss roll; and~~

~~a floss holder pivotally connected to said main body and defining a guiding channel that is in spatial communication with said receiving space, said floss holder having a securing end, and an open end that is spaced apart from said securing end and that is formed with an opening to spatially communicate said guiding channel with external environment;~~

~~whereby a to-be-used segment of the dental floss roll is extendible through said opening of said open end via said guiding channel so as to be secured at said securing end of said floss holder.~~

~~2. The interdental cleaning device as claimed in Claim 1, wherein said main body has a connecting portion, said floss holder including a bow portion that is connected to and rotatable relative to said connecting portion of said main body, and that is provided with said open end.~~

~~3. The interdental cleaning device as claimed in Claim 2, wherein said connecting portion of said main body~~

~~is formed with a through hole, said floss holder further including a sleeve portion that is connected to said bow portion and that extends into said through hole, and an adjusting unit including an adjusting screw that extends into and is retained at said sleeve portion, and an adjusting cap that is coupled co-rotatably to said adjusting screw and that cooperates with said adjusting screw to form said securing end of said floss holder.~~

~~4. The interdental cleaning device as claimed in Claim 3, wherein said adjusting cap is formed with a non-circular through bore, and said adjusting screw has a portion extending through said non-circular through bore and having a non-circular cross-section corresponding to said non-circular through bore, thereby coupling co-rotatably said adjusting cap and said adjusting screw.~~

~~5. The interdental cleaning device as claimed in Claim 3, wherein:~~

~~said adjusting cap is formed with a through bore and an engaging trench extending radially outward from and in spatial communication with said through bore; and~~

~~said adjusting screw has a head portion disposed to abut against said adjusting cap, a shank portion that is connected to said head portion and that extends~~

~~through said through bore of said adjusting cap, and a linking portion that protrudes from said shank portion and that engages said engaging trench of said adjusting cap.~~

~~6. The interdental cleaning device as claimed in Claim 5, wherein said adjusting cap is formed with two of said engaging trenches, and said adjusting screw has two of said linking portions engaging respectively said engaging trenches.~~

~~7. The interdental cleaning device as claimed in Claim 5, wherein said adjusting cap has a first surrounding portion formed with said engaging trench, and a second surrounding portion disposed on said first surrounding portion and disposed to cooperate with said head portion of said adjusting screw to secure the segment of the dental floss roll therebetween, said through bore being formed through said first surrounding portion and said second surrounding portion.~~

~~8. The interdental cleaning device as claimed in Claim 7, wherein said second surrounding portion has an abutting section that is disposed to abut against said head portion of said adjusting screw, and a surrounding section that is connected to said abutting section and that cooperates with said abutting section to cover~~

~~said first surrounding portion.~~

~~9. The interdental cleaning device as claimed in Claim 5, wherein said shank portion of said adjusting screw has a distal end that is distal from said head portion and that is formed with an external screw thread, and said floss holder further includes:~~

~~a screw nut disposed in said guiding channel and engaging said external screw thread of said adjusting screw so as to retain said adjusting screw at said sleeve portion and so as to pivotally connect said sleeve portion to said connecting portion of said main body; and~~

~~a clamp unit disposed in said guiding channel between said sleeve portion and said screw nut and configured to clamp a concealed segment of the dental floss roll that is connected to the to-be-used segment.~~

~~10. The interdental cleaning device as claimed in Claim 9, wherein said clamp unit includes two clamp plates.~~

~~11. The interdental cleaning device as claimed in Claim 3, wherein said sleeve portion of said floss holder has an exposed segment that is exposed from said through hole of said connecting portion and that is formed with an external screw thread, said adjusting unit further including an adjusting nut that is disposed between~~

~~said connecting portion and said adjusting cap and that engages said external screw thread on said exposed segment of said sleeve portion.~~

~~12. The interdental cleaning device as claimed in Claim 11, wherein said sleeve portion of said floss holder further has a base segment and a post segment that extends from said base segment into said through hole of said connecting portion and that has a diameter less than that of said base segment, said exposed segment extending from said post segment, said adjusting unit further including a first washer sleeved on said post segment and disposed between said connecting portion and said base segment.~~

~~13. The interdental cleaning device as claimed in Claim 12, wherein said adjusting unit further includes a second washer sleeved on said post segment and disposed between said adjusting nut and said connecting portion.~~

~~14. The interdental cleaning device as claimed in Claim 3, wherein said adjusting unit further includes a bushing sleeved on said sleeve portion in said through hole of said connecting portion of said main body.~~

1. An interdental cleaning device adapted for use with a dental floss roll, said interdental cleaning device comprising:

a main body defining a receiving space configured to receive the dental floss roll; and

a floss holder pivotally connected to said main body and defining a guiding channel that is in spatial communication with said receiving space, said floss holder having a securing end, and an open end that is spaced apart from said securing end and that is formed with an opening to spatially communicate said guiding channel with external environment;

whereby a to-be-used segment of the dental floss roll is extendible through said opening of said open end via said guiding channel so as to be secured at said securing end of said floss holder;

wherein said main body has a connecting portion, said floss holder including a bow portion that is connected to and rotatable relative to said connecting portion of said main body, and that is provided with said open end;

wherein said connecting portion of said main body is formed with a through hole, said floss holder further including a sleeve portion that is connected to said bow portion and that extends into said through hole, and an adjusting unit including an adjusting screw that extends into and is retained at said sleeve portion, and an adjusting cap that is coupled co-rotatably to said adjusting screw and that cooperates with said adjusting screw to form said securing end of said floss

holder;

wherein said adjusting cap is formed with a non-circular through bore, and said adjusting screw has a portion extending through said non-circular through bore and having a non-circular through bore, thereby coupling co-rotatably said adjusting cap and said adjusting screw.

2. The interdental cleaning device as claimed in claim 1, wherein said adjusting unit further includes a bushing sleeved on said sleeve portion in said through hole of said connecting portion of said main body.

3. An interdental cleaning device adapted for use with a dental floss roll, said interdental cleaning device comprising:

a main body defining a receiving space configured to receive the dental floss roll; and

a floss holder pivotally connected to said main body and defining a guiding channel that is in spatial communication with said receiving space, said floss holder having a securing end, and an open end that is spaced apart from said securing end and that is formed with an opening to spatially communicate said guiding channel with external environment;

whereby a to-be-used segment of the dental floss roll is extendible through said opening of said open

end via said guiding channel so as to be secured at said securing end of said floss holder;

wherein said main body has a connecting portion, said floss holder including a bow portion that is connected to and rotatable relative to said connecting portion of said main body, and that is provided with said open end;

wherein said connecting portion of said main body is formed with a through hole, said floss holder further including a sleeve portion that is connected to said bow portion and that extends into said through hole, and an adjusting unit including an adjusting screw that extends into and is retained at said sleeve portion, and an adjusting cap that is coupled co-rotatably to said adjusting screw and that cooperates with said adjusting screw to form said securing end of said floss holder;

wherein said adjusting cap is formed with a through bore and an engaging trench extending radially outward from an in spatial communication with said through bore;

wherein said adjusting screw has a head portion disposed to abut against said adjusting cap, a shank portion that is connected to said head portion and that extends through said through bore of said adjusting cap, and a linking portion that protrudes from said shank portion and that engages said engaging trench of said

adjusting cap.

4. The interdental cleaning device as claimed in claim 3, wherein said adjusting cap is formed with two of said engaging trenches, and said adjusting screw has two of said linking portions engaging respectively said engaging trenches.

5. The interdental cleaning device as claimed in claim 3, wherein said adjusting cap has a first surrounding portion formed with said engaging trench, and a second surrounding portion disposed on said first surrounding portion and disposed to cooperate with said head portion of said adjusting screw to secure the segment of the dental floss roll therebetween, said through bore being formed through said first surrounding portion and said second surrounding portion.

6. The interdental cleaning device as claimed in claim 5, wherein said second surrounding portion has an abutting section that is disposed to abut against said head portion of said adjusting screw, and a surrounding section that is connected to said abutting section and that cooperates with said abutting section to cover said first surrounding portion.

7. The interdental cleaning device as claimed in claim

3, wherein said shank portion of said adjusting screw has a distal end that is distal from said head portion and that is formed with an external screw thread, and said floss holder further includes:

a screw nut disposed in said guiding channel and engaging said external screw thread of said adjusting screw so as to retain said adjusting screw at said sleeve portion and so as to pivotally connect said sleeve portion to said connecting portion of said main body; and

a clamp unit disposed in said guiding channel between said sleeve portion and said screw nut and configured to clamp a concealed segment of the dental floss roll that is connected to the to-be-used segment.

8. The interdental cleaning device as claimed in claim 7, wherein said clamp unit includes two clamp plates.

9. The interdental cleaning device as claimed in claim 3, wherein said adjusting unit further includes a bushing sleeved on said sleeve portion in said through hole of said connecting portion of said main body.

10. An interdental cleaning device adapted for use with a dental floss roll, said interdental cleaning device comprising:

a main body defining a receiving space configured

to receive the dental floss roll; and

a floss holder pivotally connected to said main body and defining a guiding channel that is in spatial communication with said receiving space, said floss holder having a securing end, and an open end that is spaced apart from said securing end and that is formed with an opening to spatially communicated said guiding channel with external environment;

whereby a to-be-used segment of the dental floss roll is extendible through said opening of said open end via said guiding channel so as to be secured at said securing end of said floss holder;

wherein said main body has a connecting portion, said floss holder including a bow portion that is connected to and rotatable relative to said connecting portion of said main body, and that is provided with said open end;

wherein said connecting portion of said main body is formed with a through hole, said floss holder further including a sleeve portion that is connected to said bow portion and that extends into said through hole, and an adjusting unit including an adjusting screw that extends into and is retained at said sleeve portion, and an adjusting cap that is coupled co-rotatably to said adjusting screw and that cooperates with said adjusting screw to form said securing end of said floss holder;

wherein said sleeve portion of said folder holder has an exposed segment that is exposed from said through hole of said connecting portion and that is formed with an external screw thread, said adjusting unit further including an adjusting nut that is disposed between said connecting portion and said adjusting cap and that engages said external screw thread on said exposed segment of said sleeve portion.

11. The interdental cleaning device as claimed in claim 10, wherein said sleeve portion of said floss holder further has a base segment and a post segment that extends from said base segment into said through hole of said connecting portion and that has a diameter less than that of said base segment, said exposed segment extending from said post segment, said adjusting unit further including a first washer sleeved on said post segment and disposed between said connecting portion and said base segment.

12. The interdental cleaning device as claimed in claim 11, wherein said adjusting unit further includes a second washer sleeved on said post segment and disposed between said adjusting nut and said connecting portion.

Claims:

1. An interdental cleaning device adapted for use with a dental floss roll, said interdental cleaning device comprising:

a main body defining a receiving space configured to receive the dental floss roll; and

a floss holder pivotally connected to said main body and defining a guiding channel that is in spatial communication with said receiving space, said floss holder having a securing end, and an open end that is spaced apart from said securing end and that is formed with an opening to spatially communicate said guiding channel with external environment;

whereby a to-be-used segment of the dental floss roll is extendible through said opening of said open end via said guiding channel so as to be secured at said securing end of said floss holder;

wherein said main body has a connecting portion, said floss holder including a bow portion that is connected to and rotatable relative to said connecting portion of said main body, and that is provided with said open end;

wherein said connecting portion of said main body is formed with a through hole, said floss holder further including a sleeve portion that is connected to said bow portion and that extends into said through hole, and an adjusting unit including an adjusting screw that

extends into and is retained at said sleeve portion, and an adjusting cap that is coupled co-rotatably to said adjusting screw and that cooperates with said adjusting screw to form said securing end of said floss holder;

wherein said adjusting cap is formed with a non-circular through bore, and said adjusting screw has a portion extending through said non-circular through bore and having a non-circular through bore, thereby coupling co-rotatably said adjusting cap and said adjusting screw.

2. The interdental cleaning device as claimed in claim 1, wherein said adjusting unit further includes a bushing sleeved on said sleeve portion in said through hole of said connecting portion of said main body.

3. An interdental cleaning device adapted for use with a dental floss roll, said interdental cleaning device comprising:

a main body defining a receiving space configured to receive the dental floss roll; and

a floss holder pivotally connected to said main body and defining a guiding channel that is in spatial communication with said receiving space, said floss holder having a securing end, and an open end that is spaced apart from said securing end and that is formed

with an opening to spatially communicate said guiding channel with external environment;

whereby a to-be-used segment of the dental floss roll is extendible through said opening of said open end via said guiding channel so as to be secured at said securing end of said floss holder;

wherein said main body has a connecting portion, said floss holder including a bow portion that is connected to and rotatable relative to said connecting portion of said main body, and that is provided with said open end;

wherein said connecting portion of said main body is formed with a through hole, said floss holder further including a sleeve portion that is connected to said bow portion and that extends into said through hole, and an adjusting unit including an adjusting screw that extends into and is retained at said sleeve portion, and an adjusting cap that is coupled co-rotatably to said adjusting screw and that cooperates with said adjusting screw to form said securing end of said floss holder;

wherein said adjusting cap is formed with a through bore and an engaging trench extending radially outward from an in spatial communication with said through bore;

wherein said adjusting screw has a head portion disposed to abut against said adjusting cap, a shank

portion that is connected to said head portion and that extends through said through bore of said adjusting cap, and a linking portion that protrudes from said shank portion and that engages said engaging trench of said adjusting cap.

4. The interdental cleaning device as claimed in claim 3, wherein said adjusting cap is formed with two of said engaging trenches, and said adjusting screw has two of said linking portions engaging respectively said engaging trenches.

5. The interdental cleaning device as claimed in claim 3, wherein said adjusting cap has a first surrounding portion formed with said engaging trench, and a second surrounding portion disposed on said first surrounding portion and disposed to cooperate with said head portion of said adjusting screw to secure the segment of the dental floss roll therebetween, said through bore being formed through said first surrounding portion and said second surrounding portion.

6. The interdental cleaning device as claimed in claim 5, wherein said second surrounding portion has an abutting section that is disposed to abut against said head portion of said adjusting screw, and a surrounding section that is connected to said abutting section and

that cooperates with said abutting section to cover said first surrounding portion.

7. The interdental cleaning device as claimed in claim 3, wherein said shank portion of said adjusting screw has a distal end that is distal from said head portion and that is formed with an external screw thread, and said floss holder further includes:

a screw nut disposed in said guiding channel and engaging said external screw thread of said adjusting screw so as to retain said adjusting screw at said sleeve portion and so as to pivotally connect said sleeve portion to said connecting portion of said main body; and

a clamp unit disposed in said guiding channel between said sleeve portion and said screw nut and configured to clamp a concealed segment of the dental floss roll that is connected to the to-be-used segment.

8. The interdental cleaning device as claimed in claim 7, wherein said clamp unit includes two clamp plates.

9. The interdental cleaning device as claimed in claim 3, wherein said adjusting unit further includes a bushing sleeved on said sleeve portion in said through hole of said connecting portion of said main body.

10. An interdental cleaning device adapted for use with a dental floss roll, said interdental cleaning device comprising:

a main body defining a receiving space configured to receive the dental floss roll; and

a floss holder pivotally connected to said main body and defining a guiding channel that is in spatial communication with said receiving space, said floss holder having a securing end, and an open end that is spaced apart from said securing end and that is formed with an opening to spatially communicated said guiding channel with external environment;

whereby a to-be-used segment of the dental floss roll is extendible through said opening of said open end via said guiding channel so as to be secured at said securing end of said floss holder;

wherein said main body has a connecting portion, said floss holder including a bow portion that is connected to and rotatable relative to said connecting portion of said main body, and that is provided with said open end;

wherein said connecting portion of said main body is formed with a through hole, said floss holder further including a sleeve portion that is connected to said bow portion and that extends into said through hole, and an adjusting unit including an adjusting screw that extends into and is retained at said sleeve portion,

and an adjusting cap that is coupled co-rotatably to said adjusting screw and that cooperates with said adjusting screw to form said securing end of said floss holder;

wherein said sleeve portion of said folder holder has an exposed segment that is exposed from said through hole of said connecting portion and that is formed with an external screw thread, said adjusting unit further including an adjusting nut that is disposed between said connecting portion and said adjusting cap and that engages said external screw thread on said exposed segment of said sleeve portion.

11. The interdental cleaning device as claimed in claim 10, wherein said sleeve portion of said floss holder further has a base segment and a post segment that extends from said base segment into said through hole of said connecting portion and that has a diameter less than that of said base segment, said exposed segment extending from said post segment, said adjusting unit further including a first washer sleeved on said post segment and disposed between said connecting portion and said base segment.

12. The interdental cleaning device as claimed in claim 11, wherein said adjusting unit further includes a second washer sleeved on said post segment and disposed

between said adjusting nut and said connecting portion.