CLAIMS

1. A diving mask including:

a frame fitted with a visor ;

a flexible skirt including a partition delimiting an upper chamber for viewing from a lower chamber for breathing, the partition being arranged to bear upon the nose of the user such that the mouth and the nose of the user are in the lower chamber, while the eyes of the user are in the upper chamber,

a breathing tube having a proximal end for linking the breathing tube to the frame, and a distal end opposite the proximal end, the breathing tube including at least one channel fluidically connected with the lower chamber;

the diving mask being characterized in that it further includes a telecommunications device which is mounted at least partially to the breathing tube .

2. The diving mask according to claim **1**, wherein at least one part, the first part , of the telecommunications device is arranged at the proximal end of the breathing tube .

3. The diving mask according to claim **2**, wherein the first part includes a microphone and/or a loudspeaker .

4. The diving mask according to claim **3**, wherein the first part includes a microphone which leads in the channel.

5. The diving mask according to any one of claims **1 to 4**, wherein at least one part, the second part , of the telecommunications device is arranged at the distal end of the breathing tube.

6. The diving mask according to claim **5**, wherein the second part includes an antenna .

7. The diving mask according to any one of claims **1 to 6**, wherein at least one part, the third part , of the telecommunications device is mounted to the frame.

8. The diving mask according to claim **7**, wherein the third part comprises a control button of the telecommunications device.

9. The diving mask according to claim **7** or **8**, wherein the third part includes at least one loudspeaker which is connected to the frame by a linking arm.

10. The diving mask according to any one of claims **1 to 9**, wherein the breathing tube forms one and the same piece with the frame .

11. The diving mask according to claim **10**, wherein the telecommunications device includes an antenna arranged in the lower part of the frame.

12. The diving mask according to any one of claims **1 to 9**, wherein the breathing tube is detachable from the frame , and wherein the breathing tube includes the telecommunications device .

13. The diving mask according to any one of claims **1 to 9**, wherein said diving mask further includes a detachable connector arranged to be mounted to the breathing tube and the frame , such that the detachable connector, when mounted to the breathing tube and the frame, forms a fluidic connection at least between the lower chamber and the channel of the breathing tube , the detachable connector being detachable from the frame and the breathing tube, and wherein the detachable connector includes the telecommunications device .

14. The diving mask according to claim **13**, wherein the telecommunications device includes a loudspeaker housed in the detachable connector .

15. The diving mask according to claim **13**, wherein the telecommunications device includes at least one shifted loudspeaker which is arranged to be disposed facing one of the ears of the user.

16. The diving mask according to claim **15**, wherein the frame includes a fastening element for holding the shifted loudspeaker .

17. The diving mask according to claim **15**, wherein the detachable connector includes a linking arm supporting the shifted loudspeaker, the linking arm extending according to a lateral side of the diving mask.

18. The diving mask according to any one of claims **13 to 17**, wherein the telecommunications device includes an antenna which is disposed in a joining element configured to extend along the breathing tube, said joining element having an end arranged to be fixed to the distal end of the breathing tube.

19. The diving mask according to any one of claims **13 to 18**, wherein the breathing tube includes a fastening member , while the frame includes a fastening device arranged to be able to be detachably fixed to the fastening member of the breathing tube so as to be able to form a sealed connection between the breathing tube and the frame, and wherein the detachable connector includes a first fastening part arranged to be detachably fixed with the fastening member of the breathing tube, and a second fastening part arranged to be able to be detachably fixed with the fastening device of the frame, so as to be able to form a first sealed connection between the breathing tube and the detachable connector, and a second sealed connection between the frame and the detachable connector.

20. The diving mask according to any one of claims **1 to 19**, wherein the partition includes at least one passageway for enabling circulation of inspired air directed from the upper chamber towards the lower chamber during an inspiration phase of the user, and wherein the breathing tube has an inspired air intake channel and at least one first expired air exhaust channel , such that when said breathing tube is

fluidically connected with the frame, the inspired air intake channel is fluidically connected with the upper chamber, while the first expired air exhaust channel is fluidically connected with the lower chamber.

21. The diving mask according to claim **20** and any one of claims **13 to 19**, characterized in that the detachable connector includes an inspired air intake duct and at least one first expired air exhaust duct , and in that when the detachable connector, the breathing tube and the frame are mounted together, the inspired air intake duct of the detachable connector fluidically connects the inspired air intake channel of the breathing tube to the upper chamber , while the first expired air exhaust duct of the detachable connector fluidically connects the lower chamber to the first expired air exhaust channel .

22. A detachable connector of a diving mask according to any one of claims **13 to 21**, characterized in that the detachable connector includes at least one duct, wherein, when the detachable connector is fixed to the diving mask , the duct fluidically connects the breathing tube to the lower chamber, and in that the detachable connector includes a telecommunications device .

23. A detachable breathing tube of a diving mask according to claim **12**, said diving mask having a frame , characterized in that the breathing tube includes a fastening part for its detachable fastening to the frame of the mask, and a telecommunications device .

24. A case for a microphone of a diving mask according to any one of claims **1 to 21**, the breathing tube including a wall wherein an orifice is formed, said case being characterized in that it includes a microphone and in that it is mounted to the wall of the breathing tube by extending through the orifice , the case comprising a face disposed inside the breathing tube and sealing means configured to ensure sealing between the wall and the case , the case also including a damper block disposed between the microphone and the face .

25. The case for a microphone according to claim **24**, characterized in that it further includes a body defining a housing wherein the microphone is disposed, the face having a thickness less than that of the body.