

Particulate Filter, P95

User Manual for 3M™ Particulate Filter 5P71 (07194), P95

IMPORTANT: Keep these *User Instructions* for reference.

For use only with 3M™ Filter Retainer, 501(07054)* on:

- 3M™ Half Facepiece Respirators, 5000 Series, or
- 3M™ Cartridges, 6000 Series with 3M™ Half and Full Facepieces, 6000 Series, 7000 Series and FF-400 Series, or
- 3M™ Adapter 603 and on 6000 Series, 7000 Series and FF-400 Series Half and Full Facepieces, and
- According to NIOSH approval label.

*07194 is a catalog number only. NIOSH approved as 3M™ Particulate Filter 5P71, P95.



WARNING

This filter helps protect against certain airborne particles. Before use, the wearer must read and understand the *User Instructions* provided as a part of the product packaging. Follow all local regulations. In the U.S., a written respiratory protection program must be implemented meeting all the requirements of OSHA 1910.134, including training, fit testing and medical evaluation. In Canada, CSA standard Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. **Misuse may result in sickness or death.**

IMPORTANT

Before use, the wearer must read and understand these *User Instructions*, and the *User Instructions* for the 5000 Series, 6000 Series, 7000 Series or FF-400 Series Half or Full Facepiece respirator to be used with these filters. Keep these *User Instructions* for reference.

Use For

- Solids such as those from processing minerals, coal, iron ore, cotton, flour, and certain other substances.
- Liquid or oil based particles from sprays that do not also emit harmful vapors.
- Metal fumes produced from welding, brazing, cutting and other operations involving heating of metals.

Do Not Use For

- Gases and vapors including those present in paint spraying operations, unless combined with approved chemical cartridges.
- Asbestos.
- Sandblasting.
- In the U.S., do not use when OSHA substance specific standards, such as those for arsenic, cadmium, lead in the construction industry, or 4,4'-methylenedianiline (MDA) specify other types of respiratory protection.

Biological Particles

These particulate filters can help reduce inhalation exposures to certain airborne biological particles (e.g. mold, *Bacillus anthracis*, avian influenza, *Mycobacterium tuberculosis*, etc.) but cannot eliminate the risk of contracting infection, illness or disease. OSHA and other government agencies have not established safe exposure limits for these contaminants.

Use Instructions

1. Failure to follow all instructions and limitations on the use of these filters and/or failure to wear the respirator during all times of exposure can reduce respirator effectiveness and **may result in sickness or death.**
2. Before occupational use of these filters, a written respiratory protection program must be implemented meeting all the local requirements. In the U.S., follow OSHA 29 CFR 1910.134 which includes medical evaluation, training and fit testing. In the U.S., users must also comply with applicable OSHA substance specific standards. In Canada, CSA standard Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate.
3. The airborne contaminants which can be dangerous to your health include those so small that you cannot see them.
4. Leave the contaminated area immediately and contact your supervisor if dizziness, irritation, or other distress occurs.
5. Store the filters and respirator away from contaminated areas when not in use.
6. Dispose of used product in accordance with applicable regulations.

Use Limitations

1. These filters do not supply oxygen. Do not use in atmospheres containing less than 19.5% oxygen.
2. Do not use when concentrations of contaminants
 - are immediately dangerous to life or health,
 - are unknown,
 - are greater than 10 times the permissible exposure limit (PEL) with half facepiece respirators and full facepiece respirators when qualitatively fit tested,
 - are greater than 50 times the PEL with full facepiece respirators when quantitatively fit tested, or
 - exceed specific local applicable government regulations (such as OSHA standards in the U.S.), whichever is lower.
3. Do not alter, clean (e.g. vacuum, wash, use compressed air), abuse or misuse these filters and/or respirator.
4. Do not use with beards or other facial hair or other conditions that prevent a good seal between the face and the sealing surface of the respirator.

Time Use Limitations

1. If filters become damaged, soiled, or breathing becomes difficult, leave the contaminated area immediately and replace the filters.
2. If used in environments containing only oil aerosols, dispose of filters after 40 hours of use or 30 days, whichever is first.

Assembly Instructions

1. Place the 5P71 (07194) filter into the 501 (07054) filter retainer so the printed side of the filter faces up (Fig. 1).
2. Press cartridge into 501 (07054) filter retainer. Filter retainer should attach securely to the cartridge. The 5P71 (07194) filter **must** completely cover the face of the cartridge (Fig. 2). Printing on the filter is not visible if the filter is properly oriented.
3. To replace the 5P71 (07194) filter, remove the 501 (07054) filter retainer by lifting on the tab (Fig. 3).

NOTE: Use of the 501 (07054) filter retainer may aid respirator wearer in conducting a negative pressure user seal check.

Assembly Instructions for 5P71 filter with 603 adapter and 501 (07054) retainer

1. Align notch on edge of 603 adapter with facepiece mark, as shown, and push together (Fig. 4).
2. Turn adapter 1/4 turn clockwise to stop. To remove adapter, turn 1/4 turn counterclockwise (Fig. 5).
3. Place filter into 501 retainer with filter printing facing towards the 603 adapter. Snap together and ensure the filter seal is free from creases or gaps. (Fig. 6)

NIOSH Approved: P95 Particulate Filter.

At least 95% filtration efficiency against solid and liquid aerosols including oils.

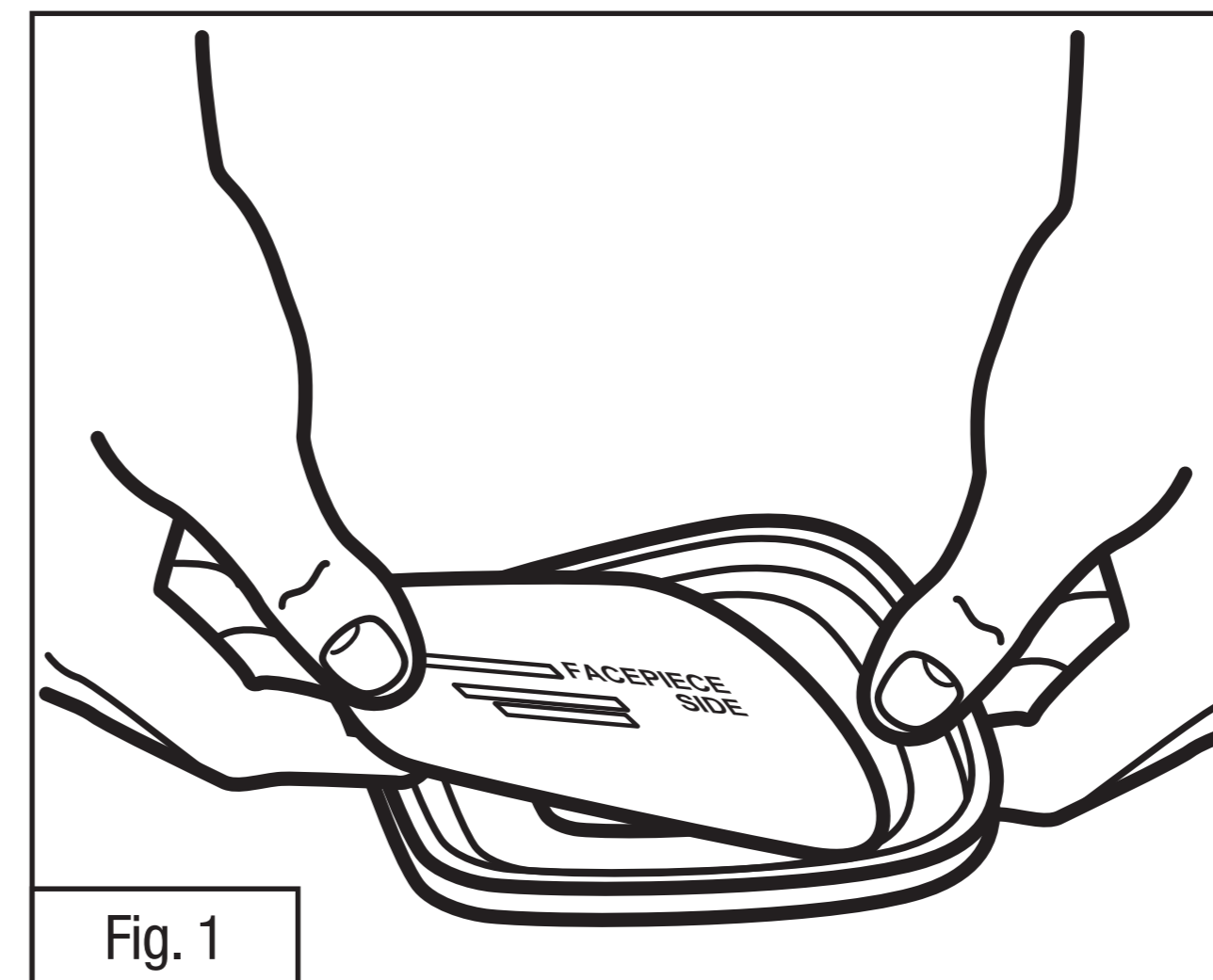


Fig. 1

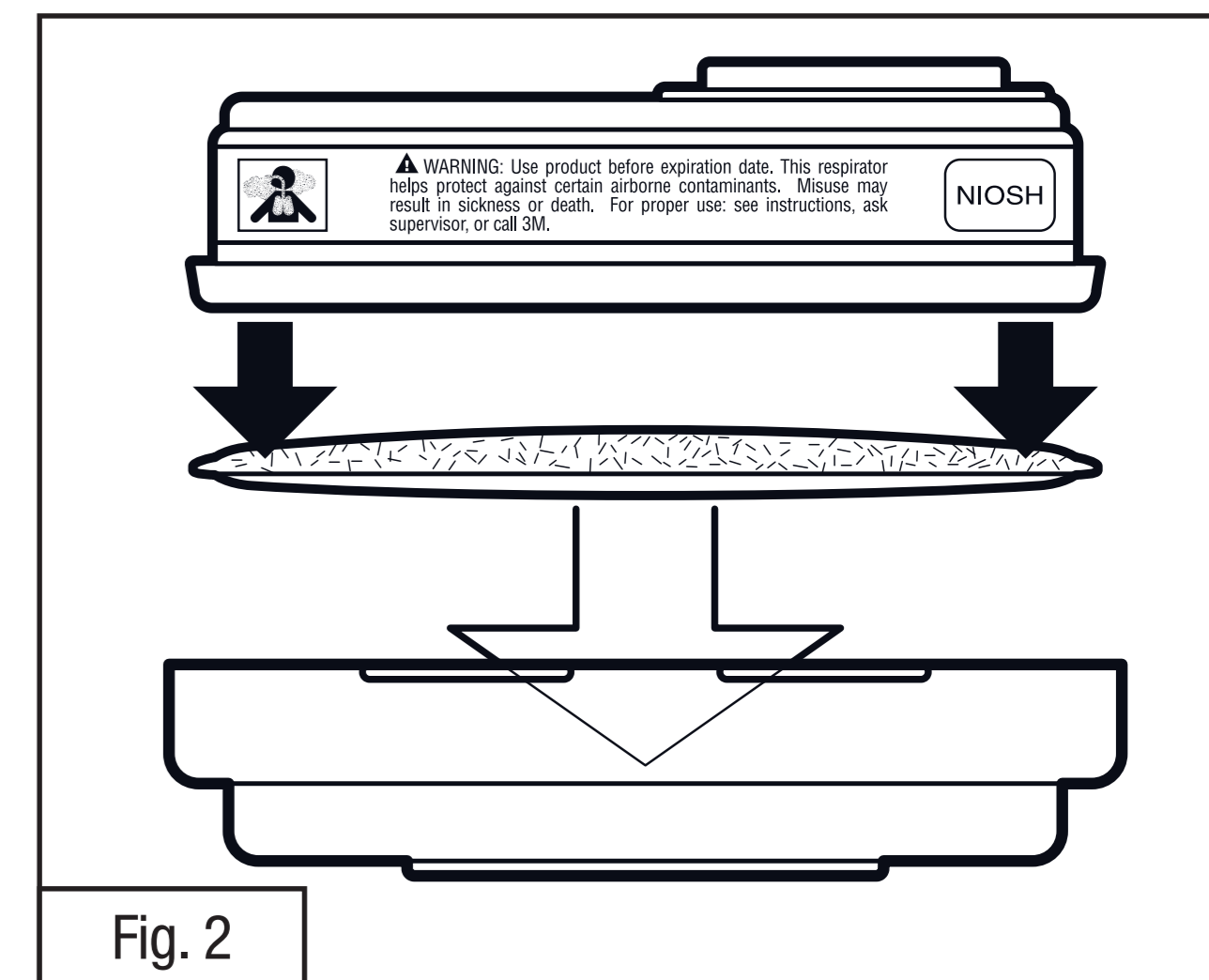


Fig. 2

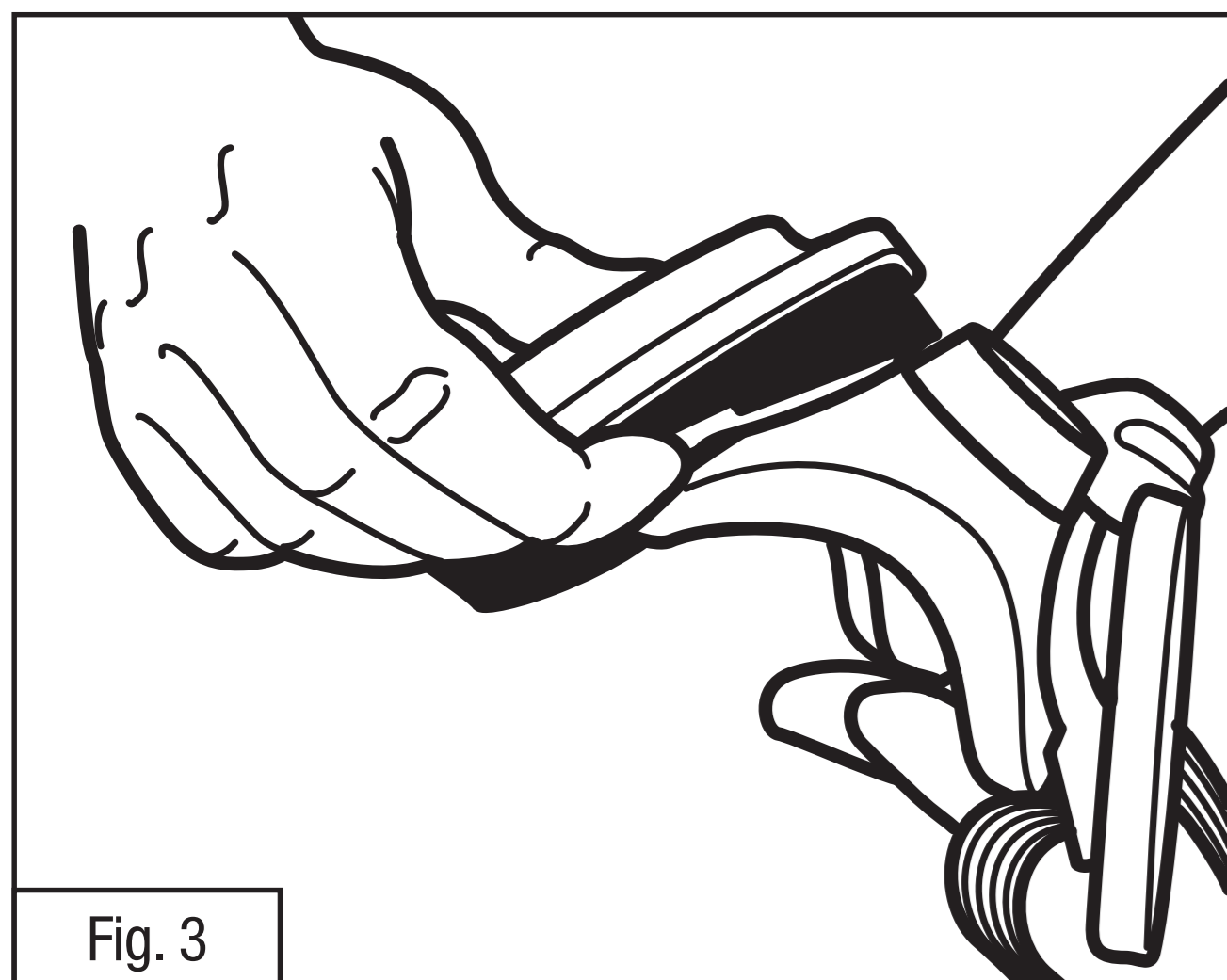


Fig. 3

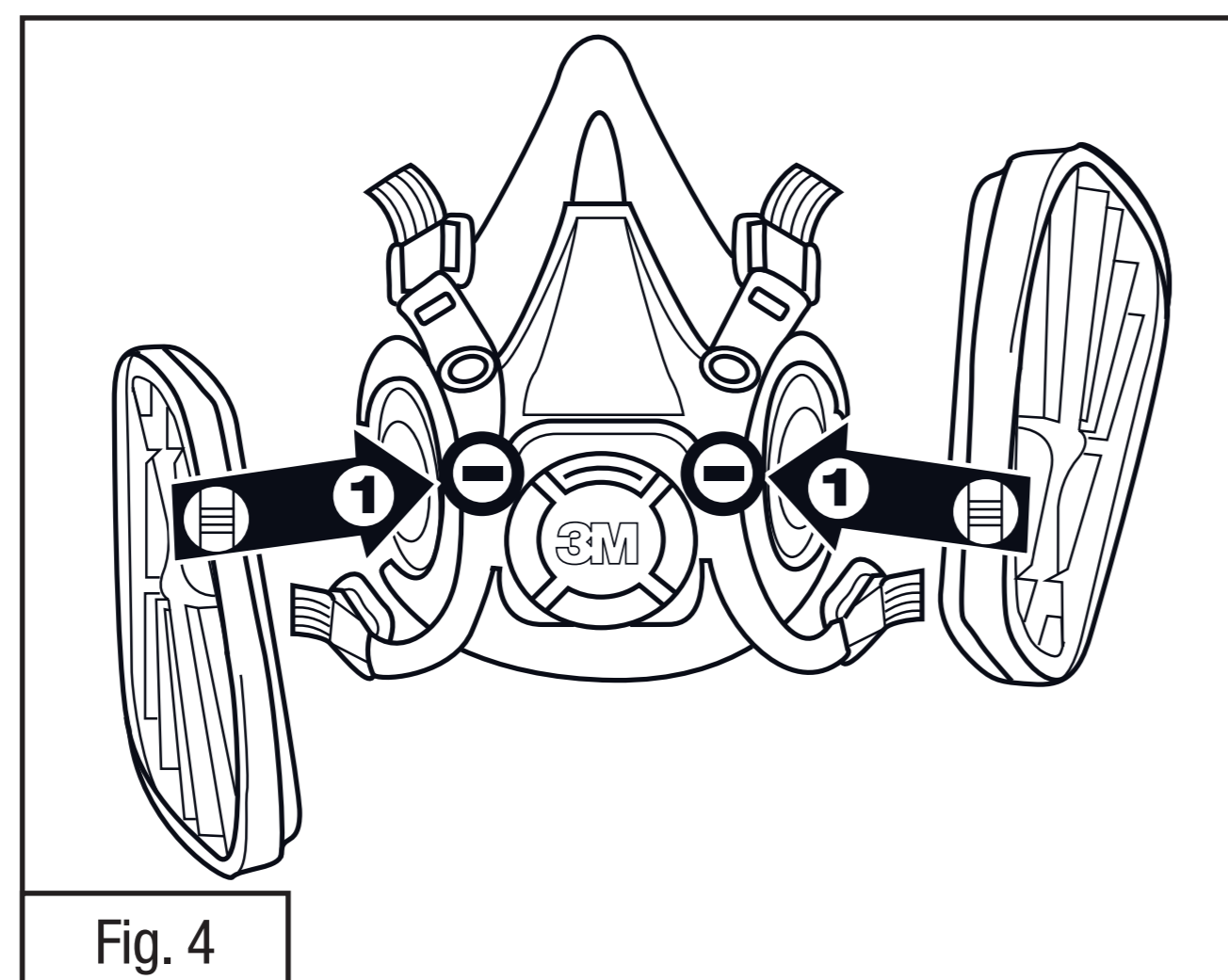


Fig. 4

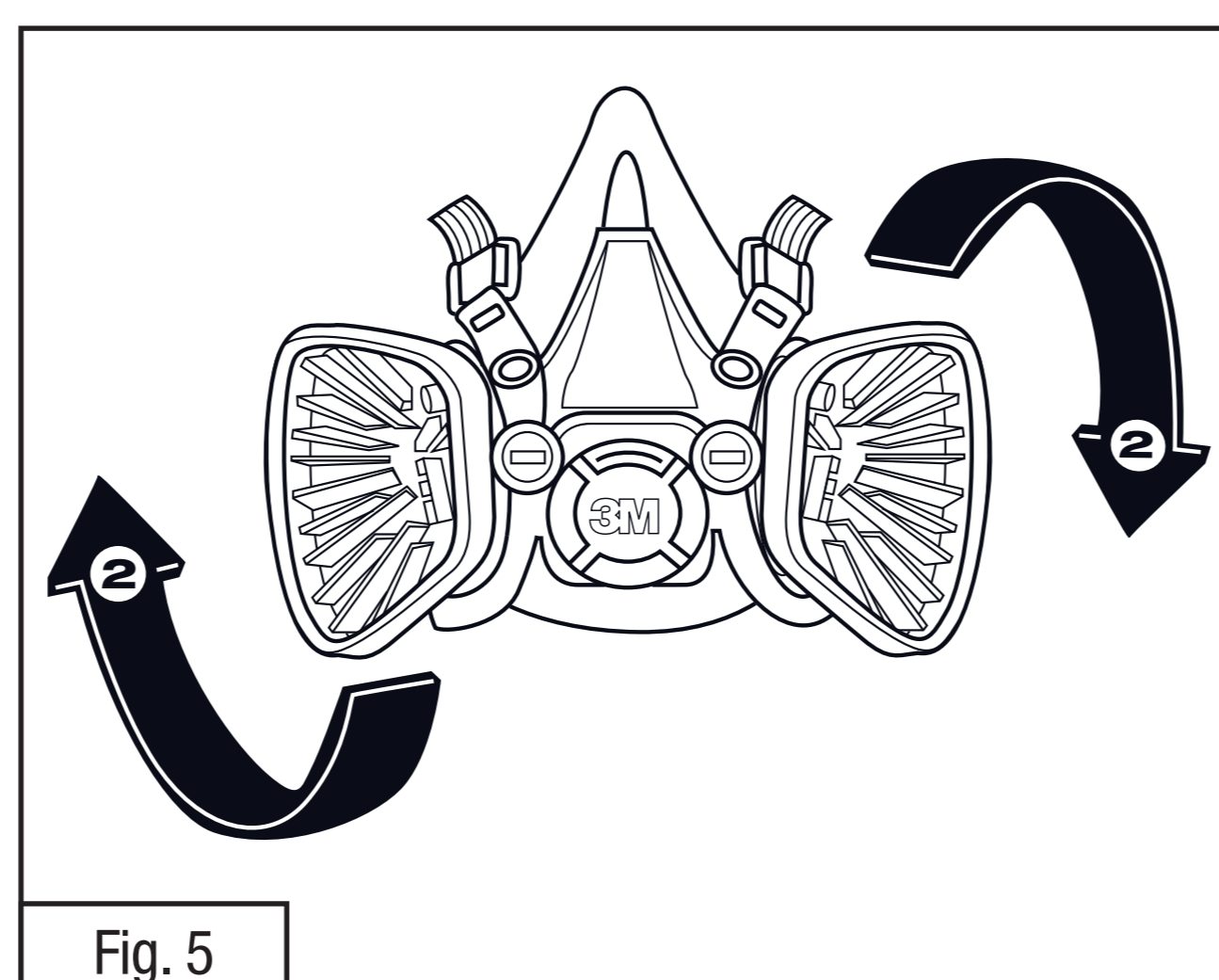


Fig. 5

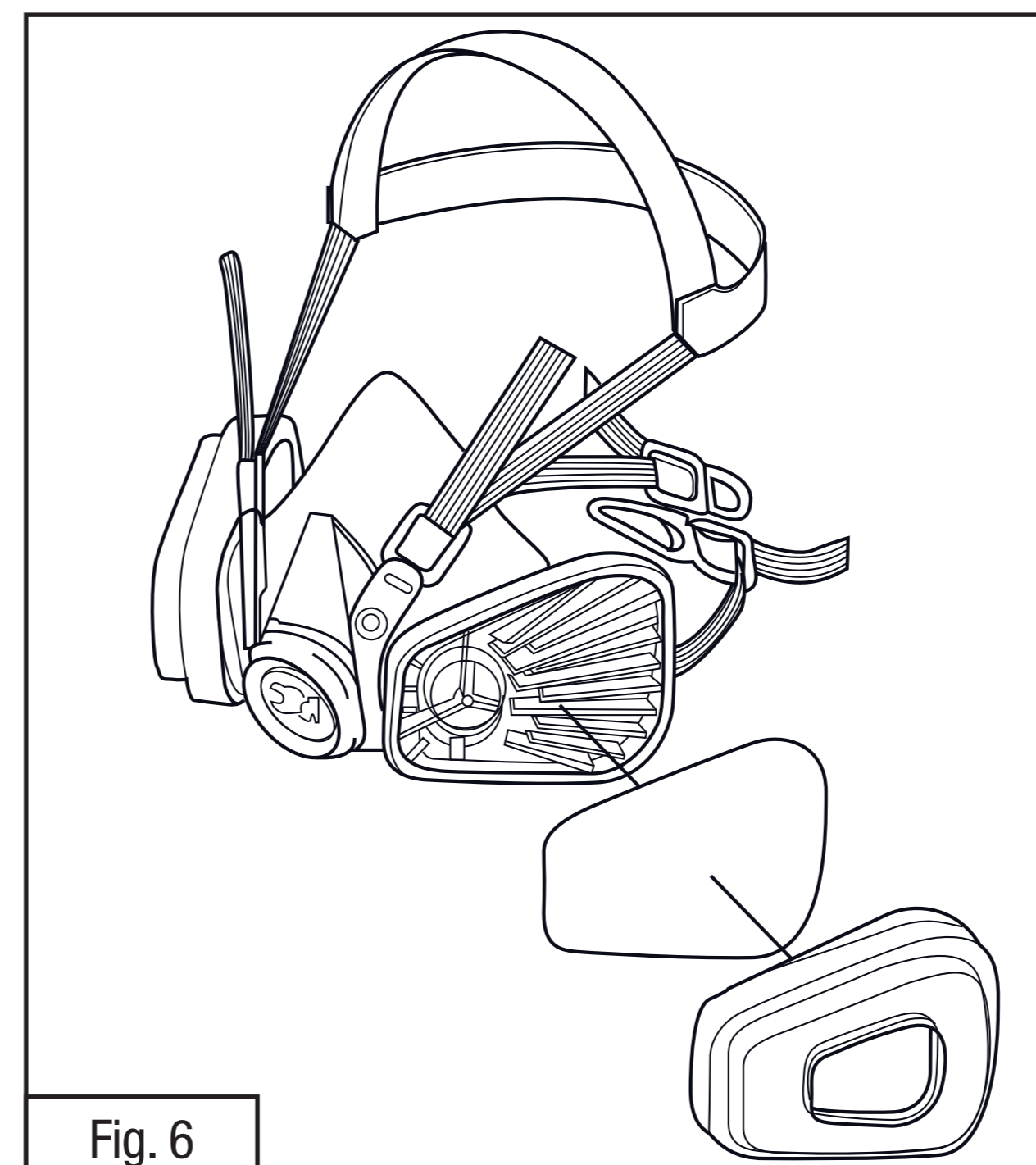


Fig. 6

