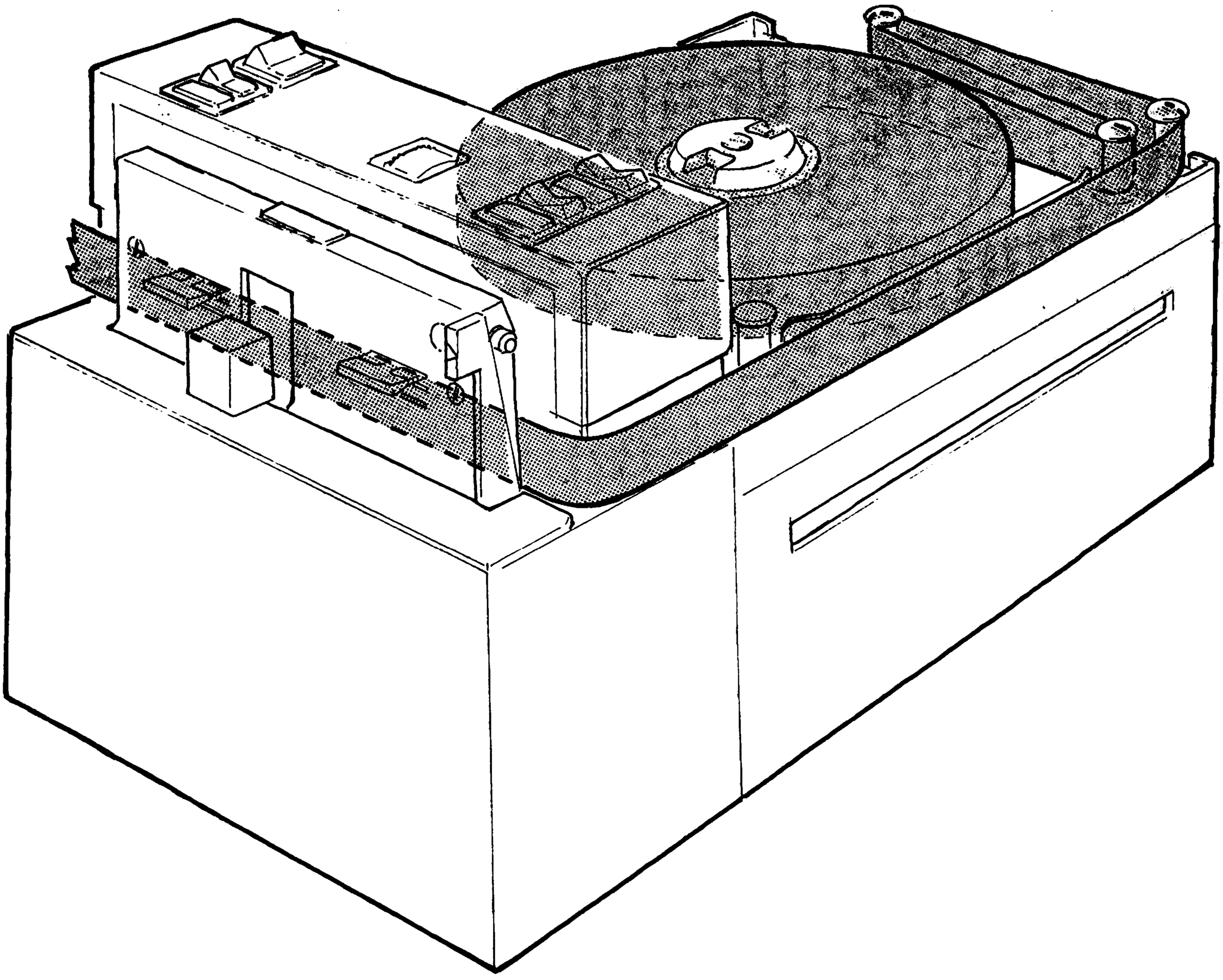


Facit 4021 and 4022

Tape readers

Instructions for use

Facit 4021

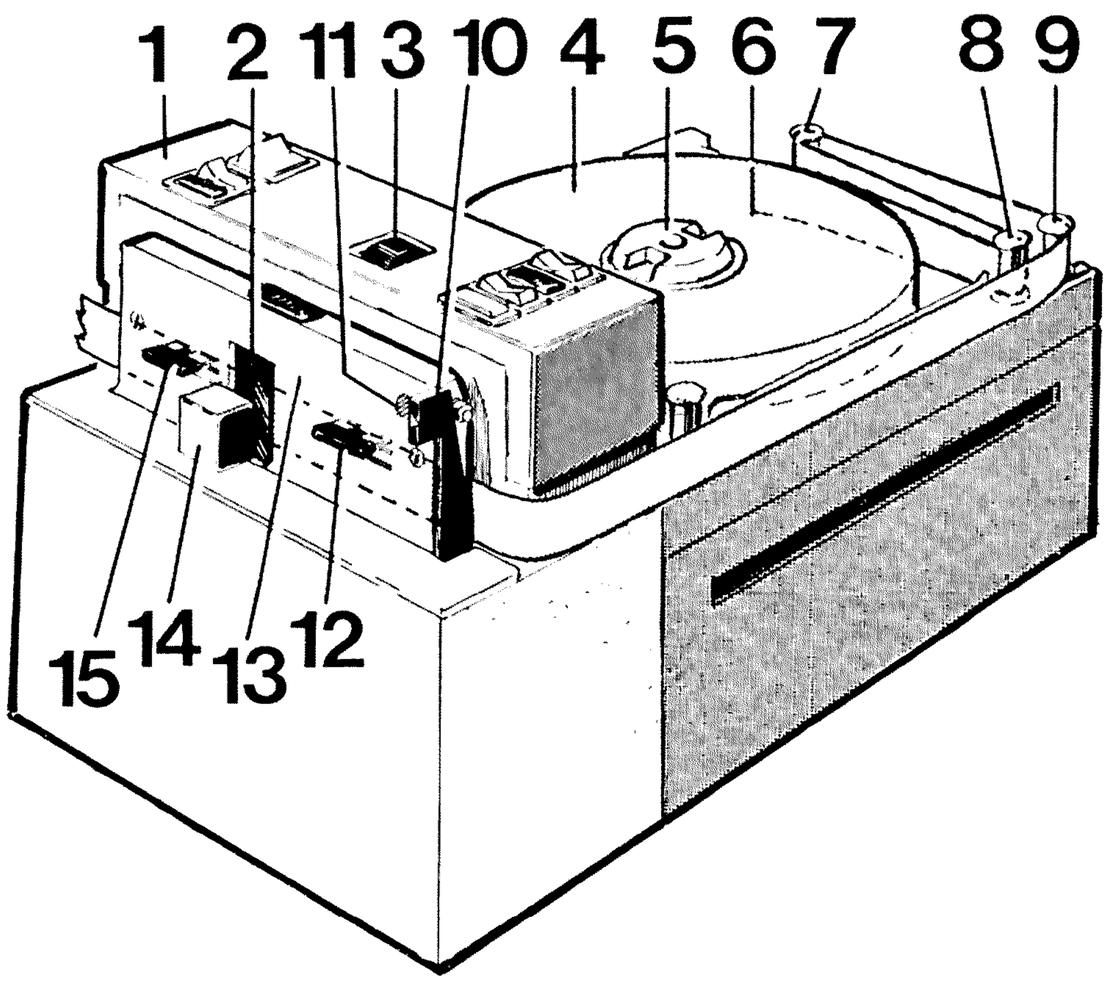


Fig. 1

1. Control panel
2. Reading unit window
3. Thumbwheel—for different hole configurations and tape widths
4. Tape coil
5. Hub
6. Supply flange
7. Tape guide arm roller
8. Fixed tape guide roller

Facit 4022

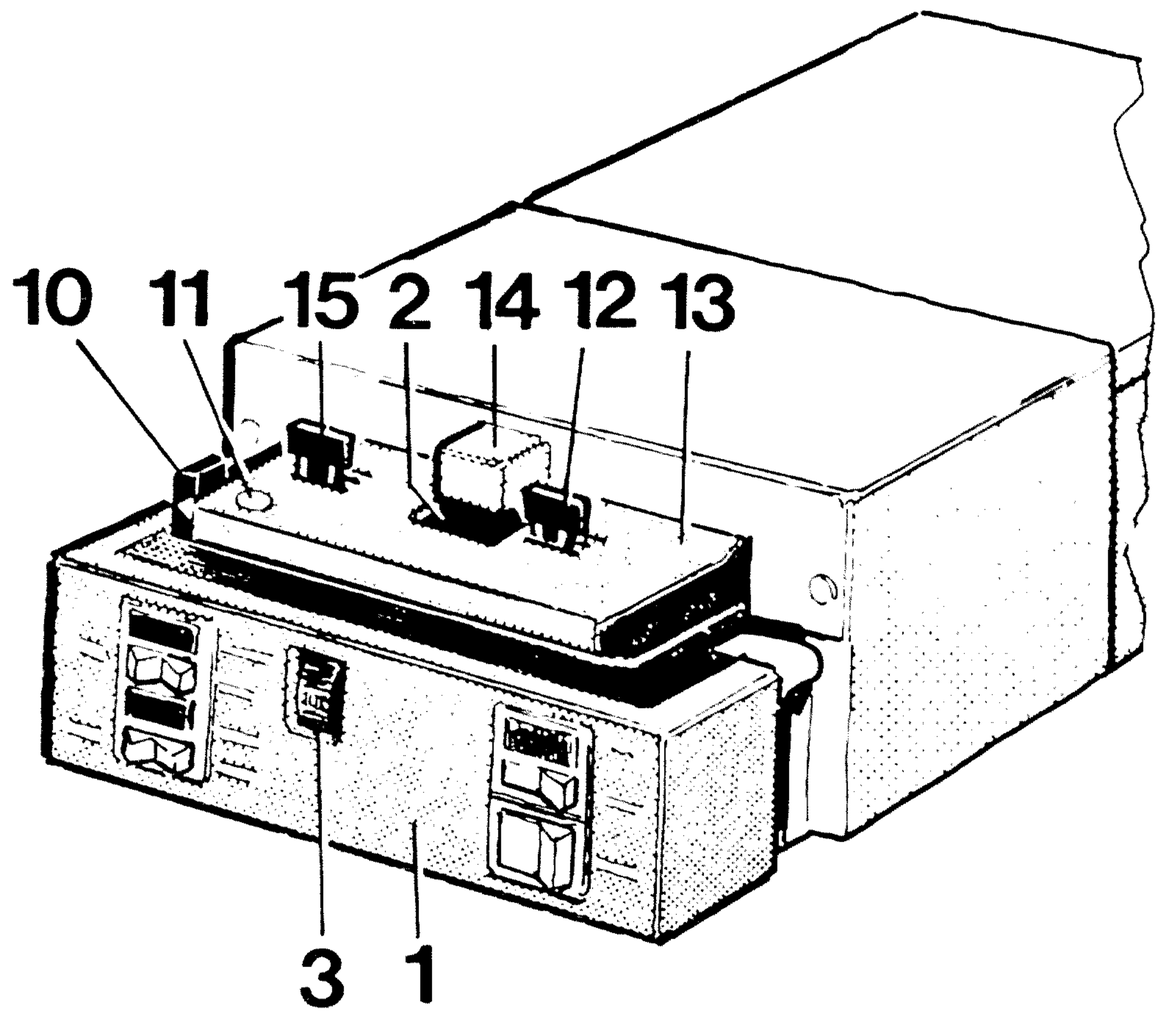


Fig. 2

9. Fixed tape guide roller
10. Release arm
11. "Press to lock" point
12. Tape width adjuster
13. Cover
14. Light-emitting diode housing
15. Tape width adjuster

Installation

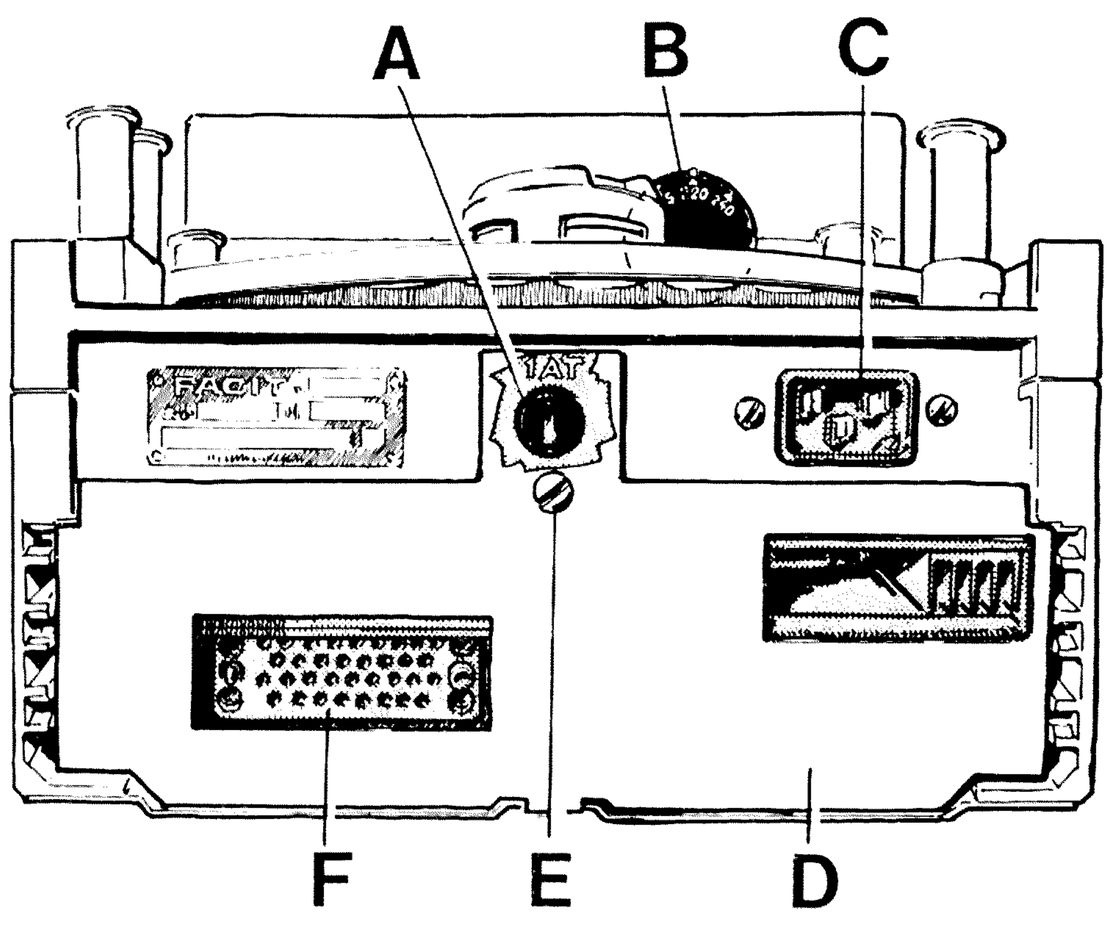


Fig. 3

A. Line fuse: mounted beneath protective panel D.
   1.6 A (time delay) for 220 V or 240 V
   3.2 A (time delay) for 100 V or 115 V
B. Mains voltage selector: 100, 115, 220 or 240 V AC. The mains voltage selector is located on the bottom of the Facit 4022.
C. Mains inlet.
D. Protective panel.
E. Retaining screw for protective panel.
F. Data connector.

Make certain that the reader is set for the correct mains voltage before connecting it to the mains. Disconnect the mains voltage from the reader before replacing the line fuse.

Controls

Facit 4021

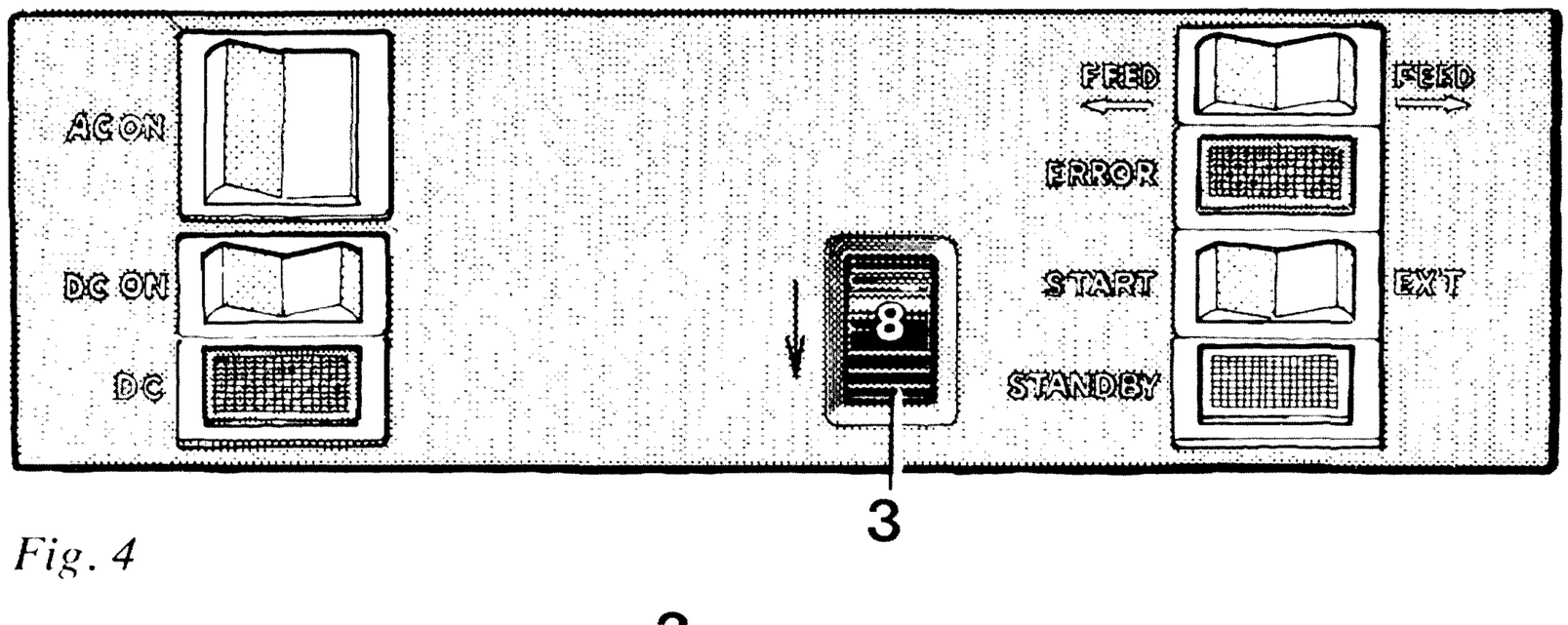


Fig. 4

Facit 4022

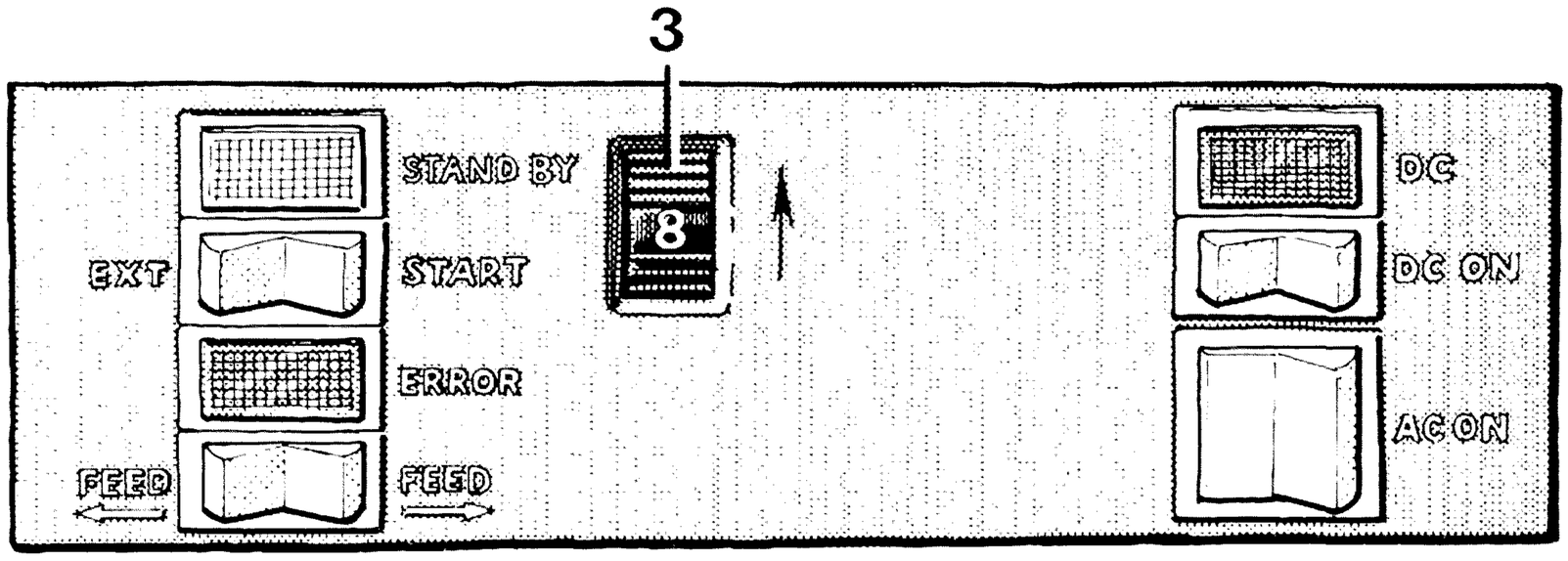


Fig. 5

- AC ON — Turns on mains voltage supplied to power supply.
- DC ON — Turns on regulated DC voltage supplied to electronics. When DC voltage is on, green DC lamp lights.
- FEED — Feeds tape in either direction.
- START — Used to start reading and to restart after an error. When this control is released after being depressed, the ERROR lamp is extinguished, thereby permitting a reading instruction signal to be sent to the reader.
- EXT — Used for sending signals manually, e.g. to the data acceptor.

Thumbwheel 3 – Resets reader for different hole configurations and tape widths. Note: When changing over to a different tape width, adjusters 12 and 15 shall also be reset.

Position 5	– for reading 5-track ISO tapes
Position TTS	– for reading 6-track TTS tapes
Position C	– not used
Position 8	– for reading 8-track ISO tapes
Positions 6–7	– for reading 6- or 7-track ISO tapes
Position J	– for reading Japanese telex tapes

- DC — This lamp lights to indicate that the reader is ready for operation. In the event of a short mains power failure or a drop in mains voltage that can cause a reading error, the DC voltage supplied to the electronics is turned off and this lamp goes out.
- STANDBY — This lamp lights when the tape pathway cover is open, thereby indicating that all reading functions are temporarily inoperable.
- ERROR — This lamp lights when an error occurs.

Tape width adjustment

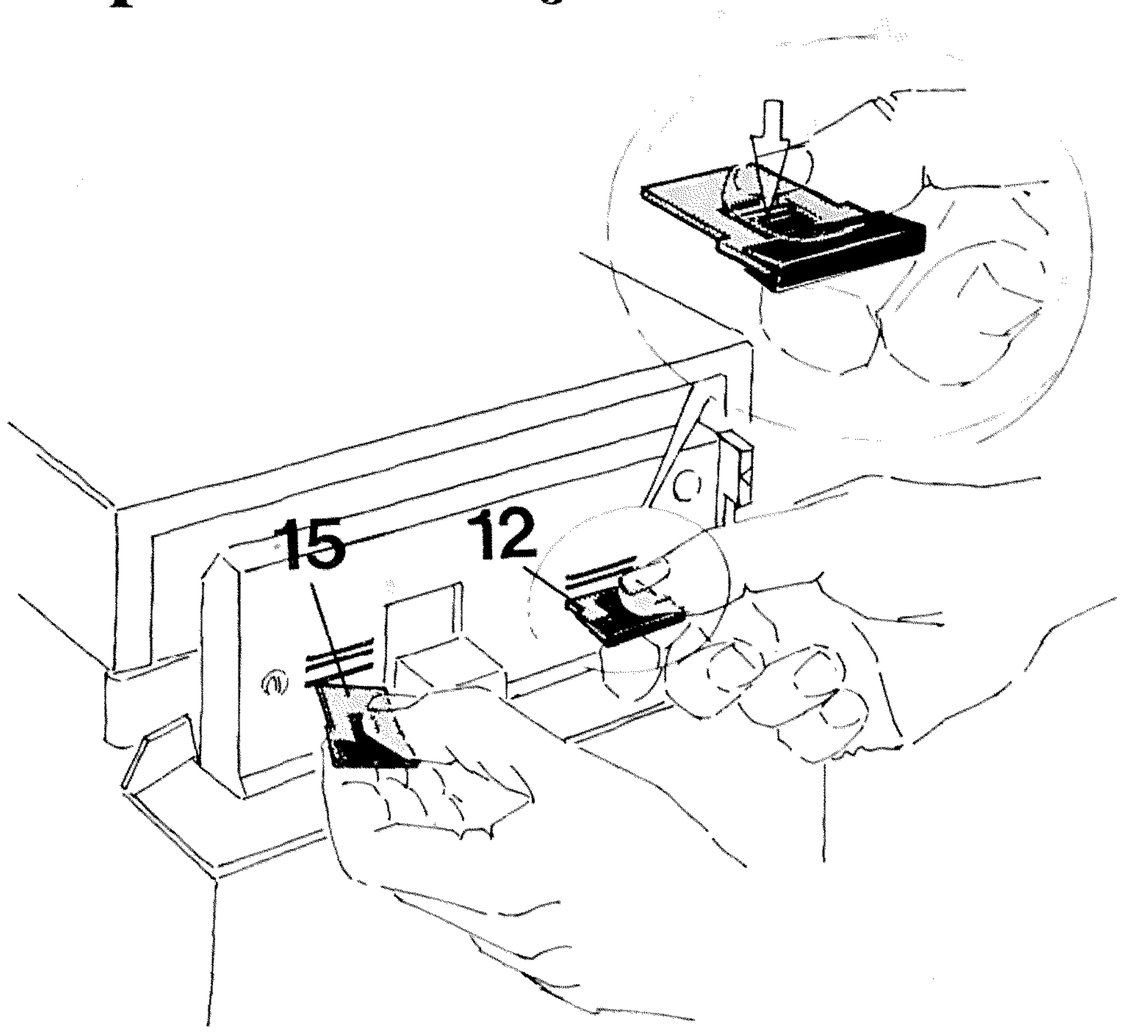


Fig. 6

To change over from one tape width to another, it is necessary to reset both the reading unit and the tape pathway.

- The reading unit is reset using thumbwheel 3. See section on controls.
- The tape pathway is reset using the two guides 12 and 15. Each of these guides is provided with a small catch. Push the catch down carefully and pull out the guide. Replace in desired slot.

Top slot —8-track tape. Outer position for Facit 4022.

Middle slot —6/7-track tape, TTS tape and Japanese telex tape.

Bottom slot —5-track tape. Inner position for Facit 4022.

Inserting tape and preparing for reading

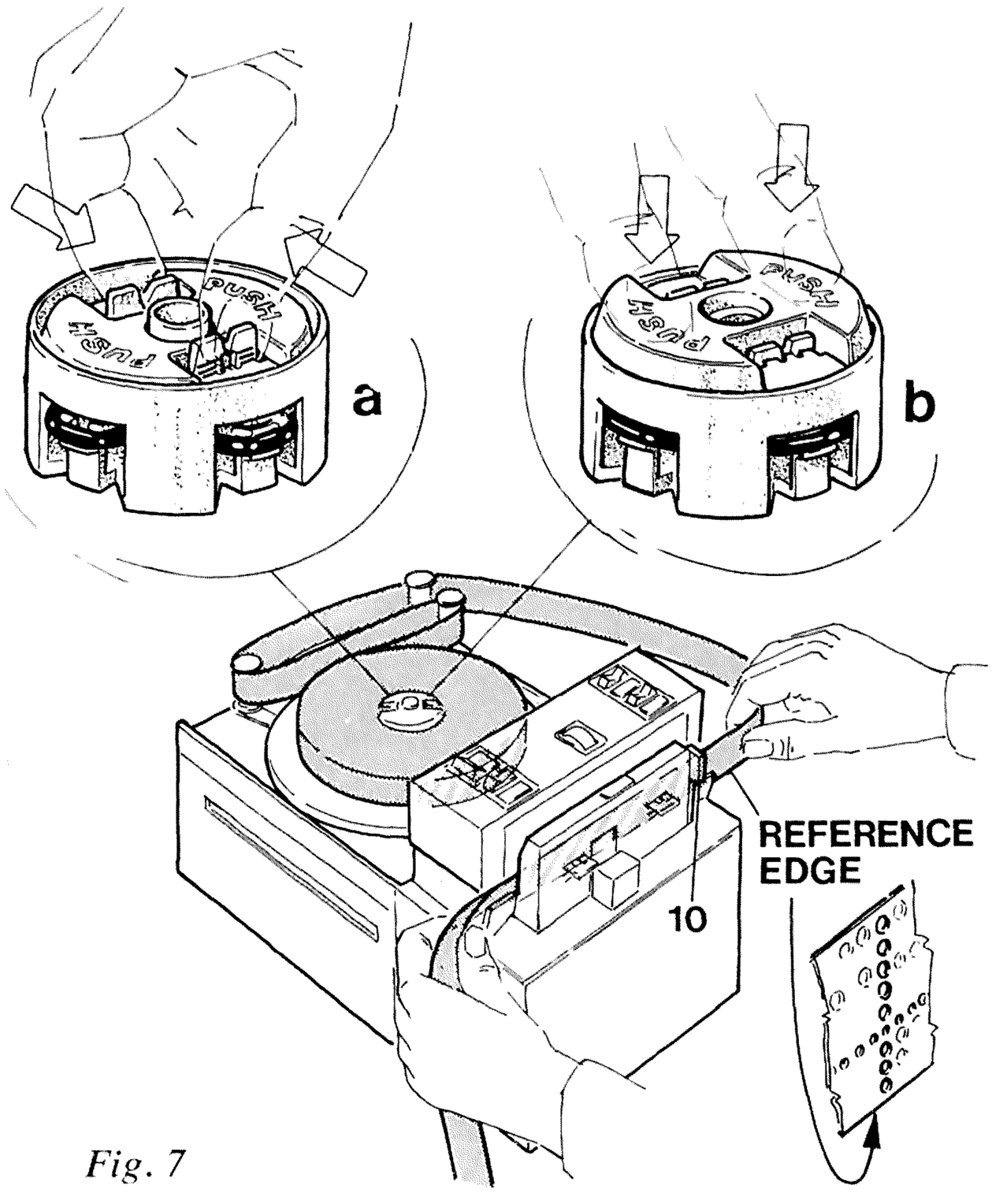


Fig. 7

- Turn on AC ON.
- Turn on DC ON. Check that the DC lamp lights. The ERROR lamp will light simultaneously.
- Check that the reader is set for the correct tape width. If not—proceed as instructed in section on tape widths adjustment.
- Open the tape pathway by pressing release arm 10 to the right, whereupon the STAND BY lamp (and the ERROR lamp) will light.
- Release the core lock on the supply flange as shown in Fig. 7a.
- Position the coil to be read on the supply flange with the reference edge downwards. Check that the coil of tape lies against the supply flange. Secure the coil of tape by pushing downwards as shown in Fig. 7b.
- Thread the tape around tape guide rollers 8, 7, and 9 as shown in Fig. 7.

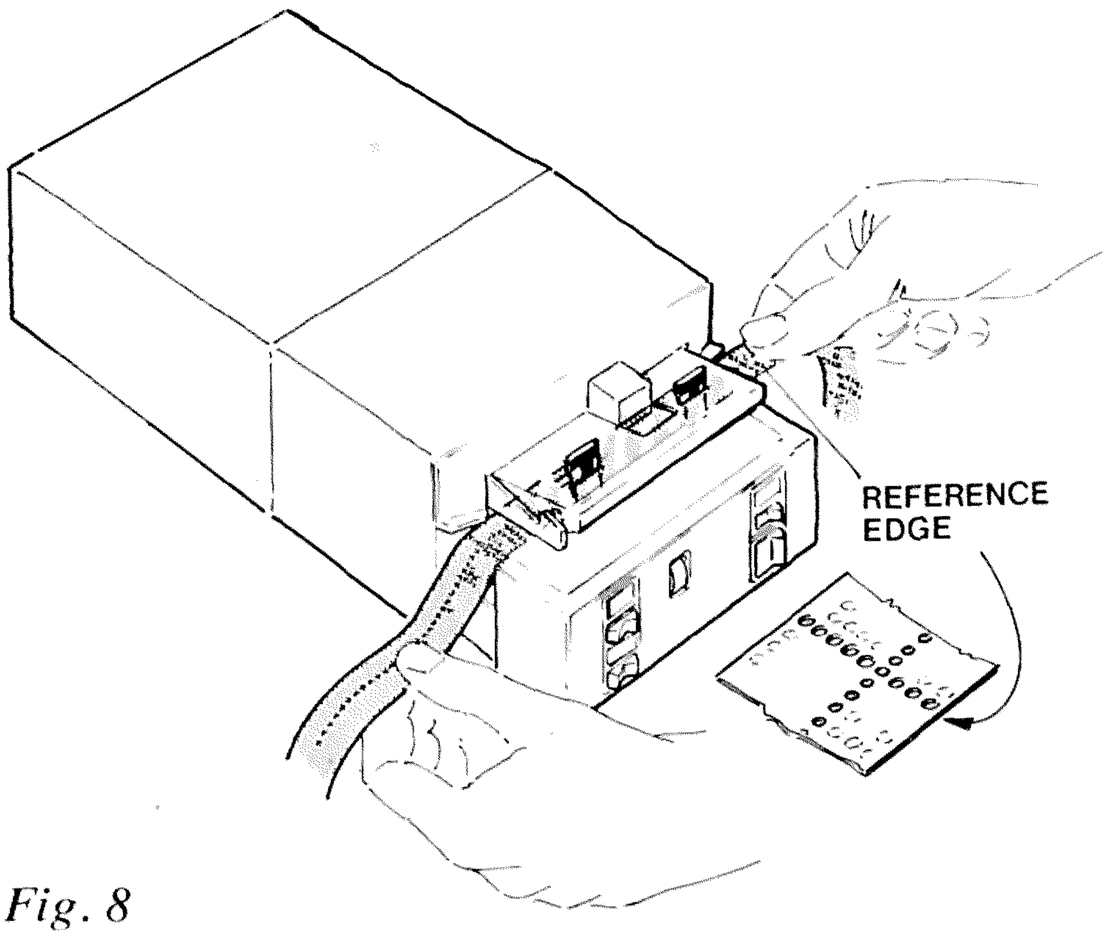


Fig. 8

- Lower the tape into the tape pathway making certain that it is below tape guides 12 and 15. On the Facit 4022, the tape shall be inside the tape guides. Make certain that the first character that is to be read is to the right of light-emitting diode housing 14 and reading unit window 2. Permit the tape to run freely from the reading mechanism into a wire-mesh basket or the like.
- Close the cover by pressing on the white "press-to-lock" spot as shown in Fig. 9. The STANDBY lamp will be extinguished.
- Depress the START control. This will feed the tape forward two rows and the ERROR lamp will go out, thus indicating that the reader is ready to output the first character read.

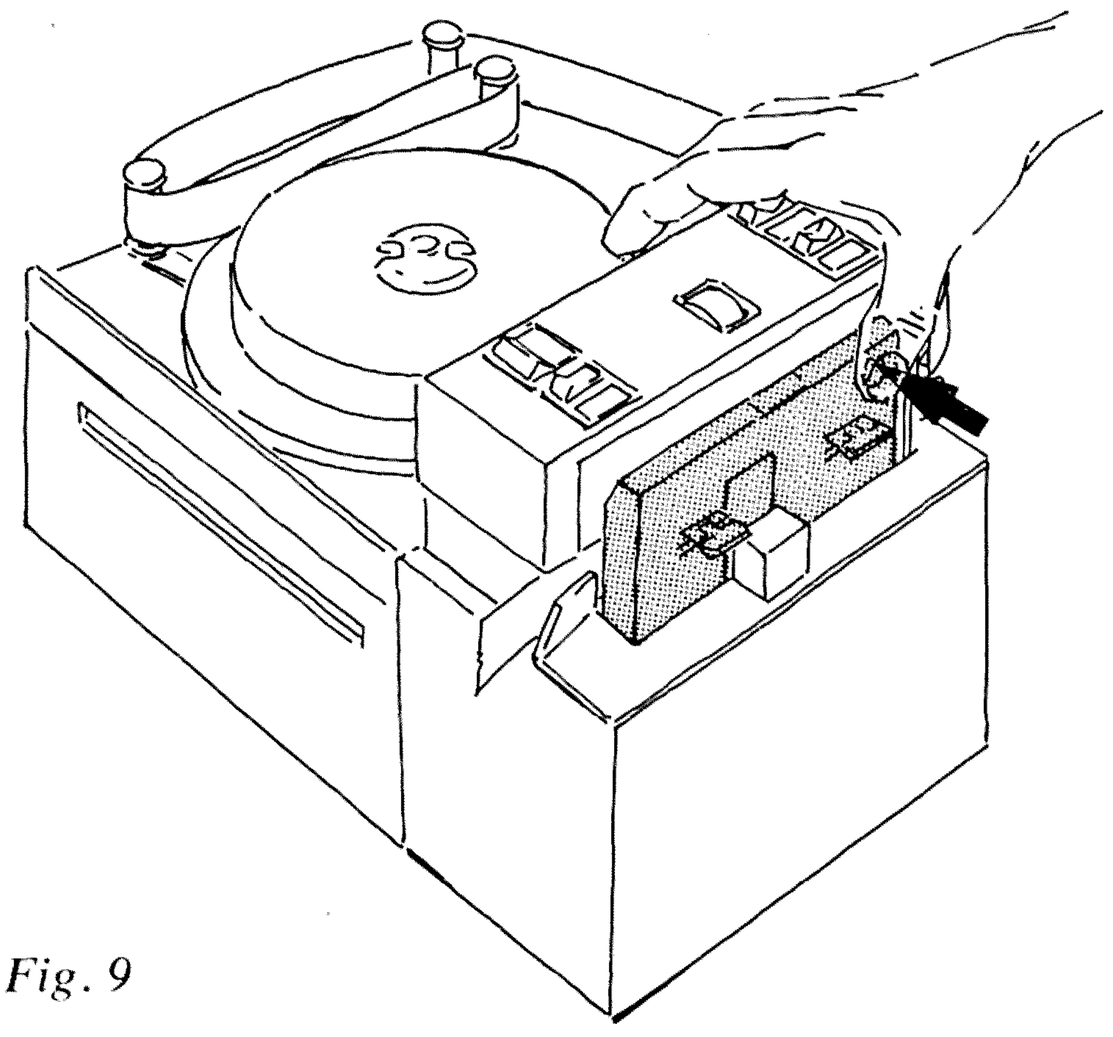


Fig. 9

Removing tape

Fig. 10

- Open the tape pathway by pressing release arm 10 to the right.
- Remove the tape from the tape pathway and close the cover by pressing on the white "press-to-lock" spot 11.

Reading fan-folded tape

Facit 4021

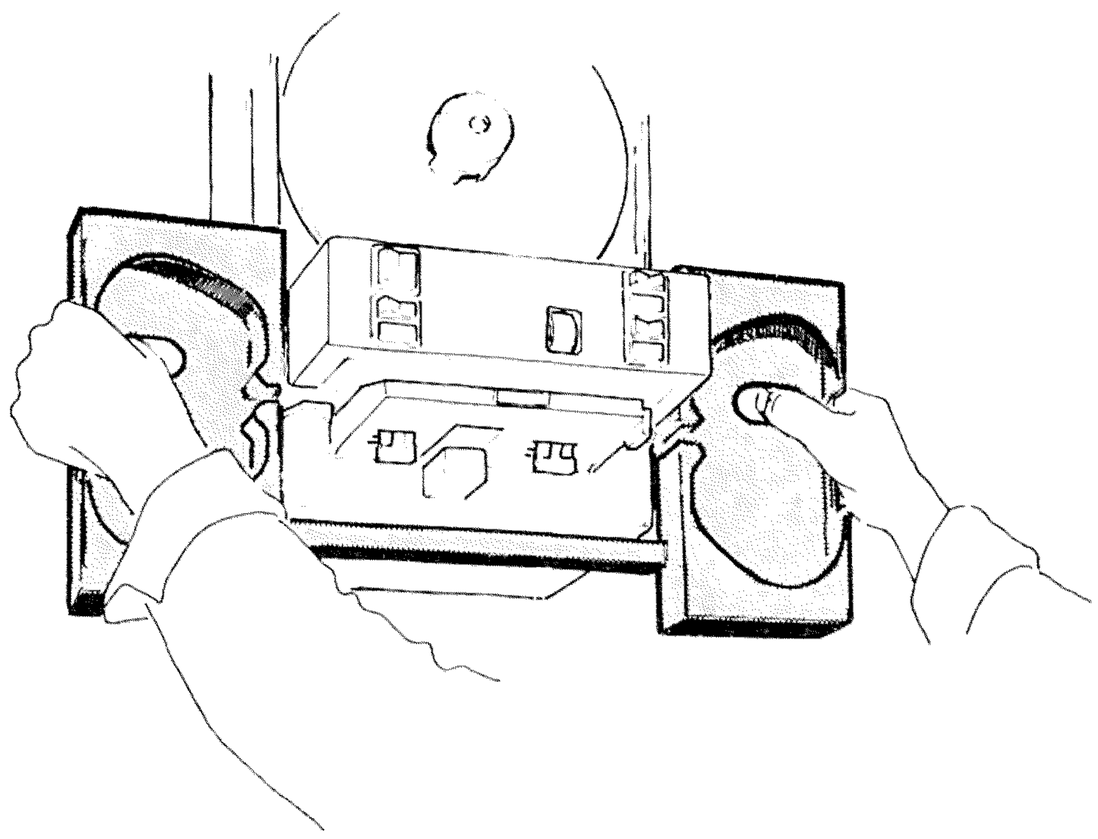


Fig. 11

Facit 4022

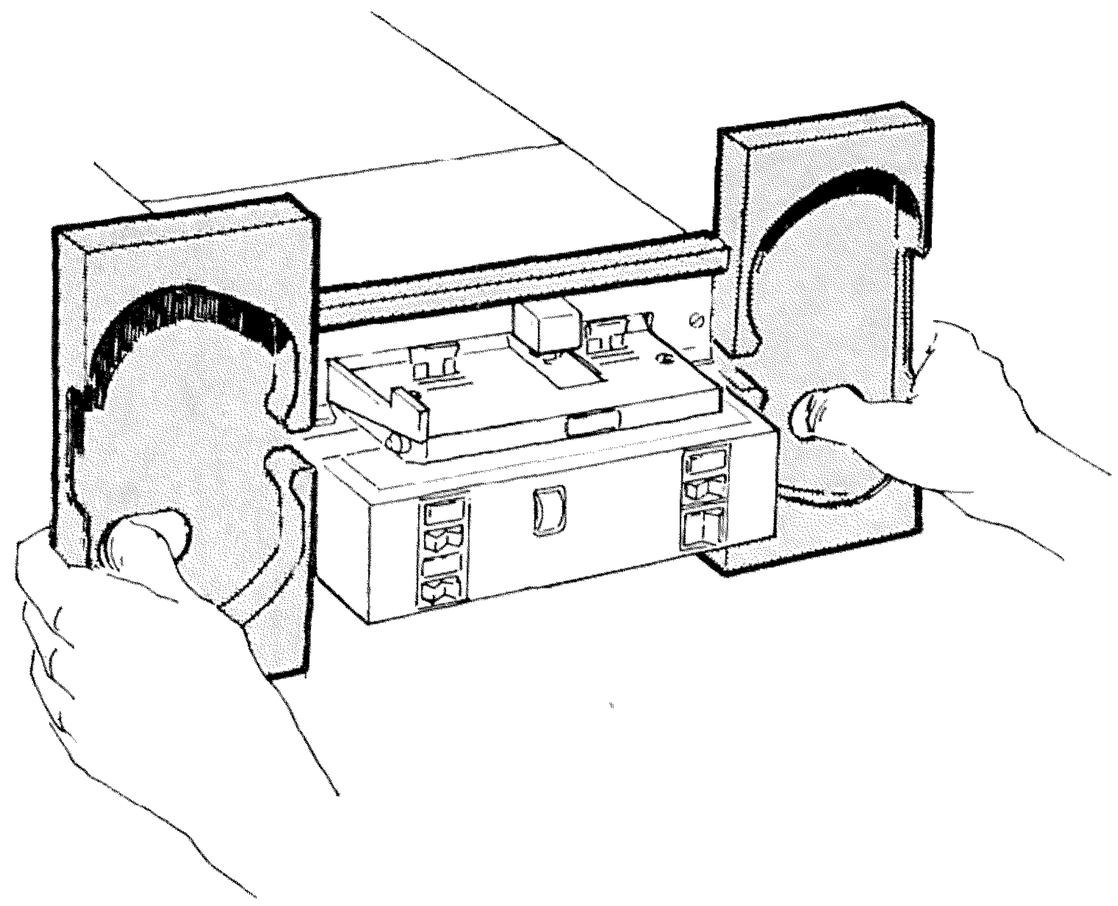


Fig. 12

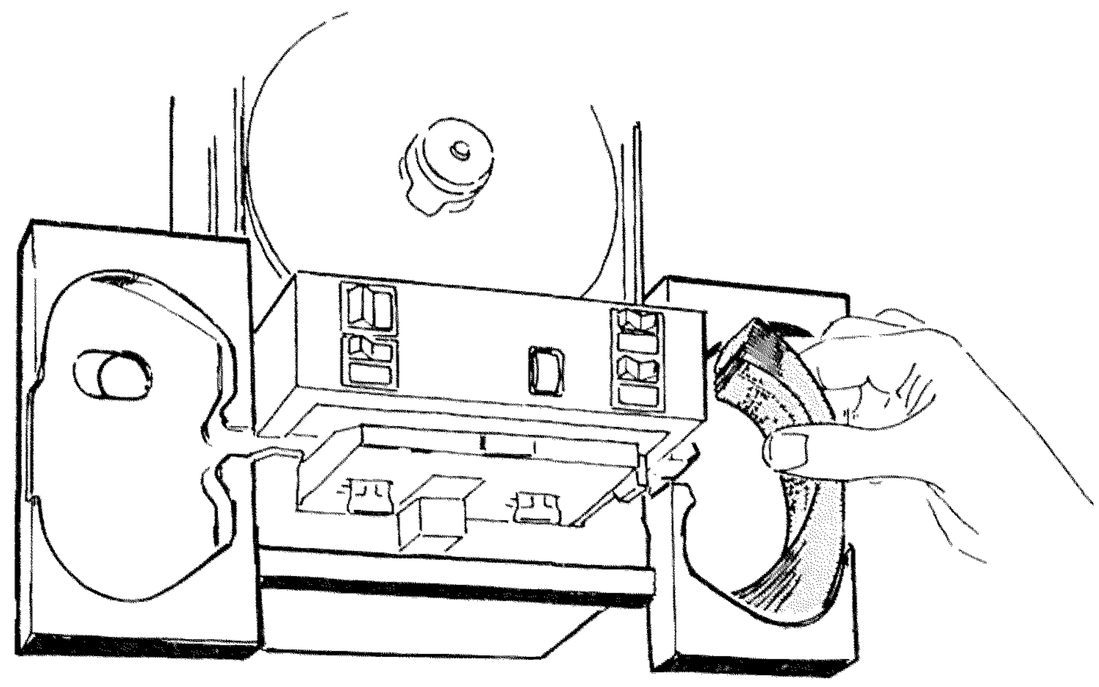


Fig. 13

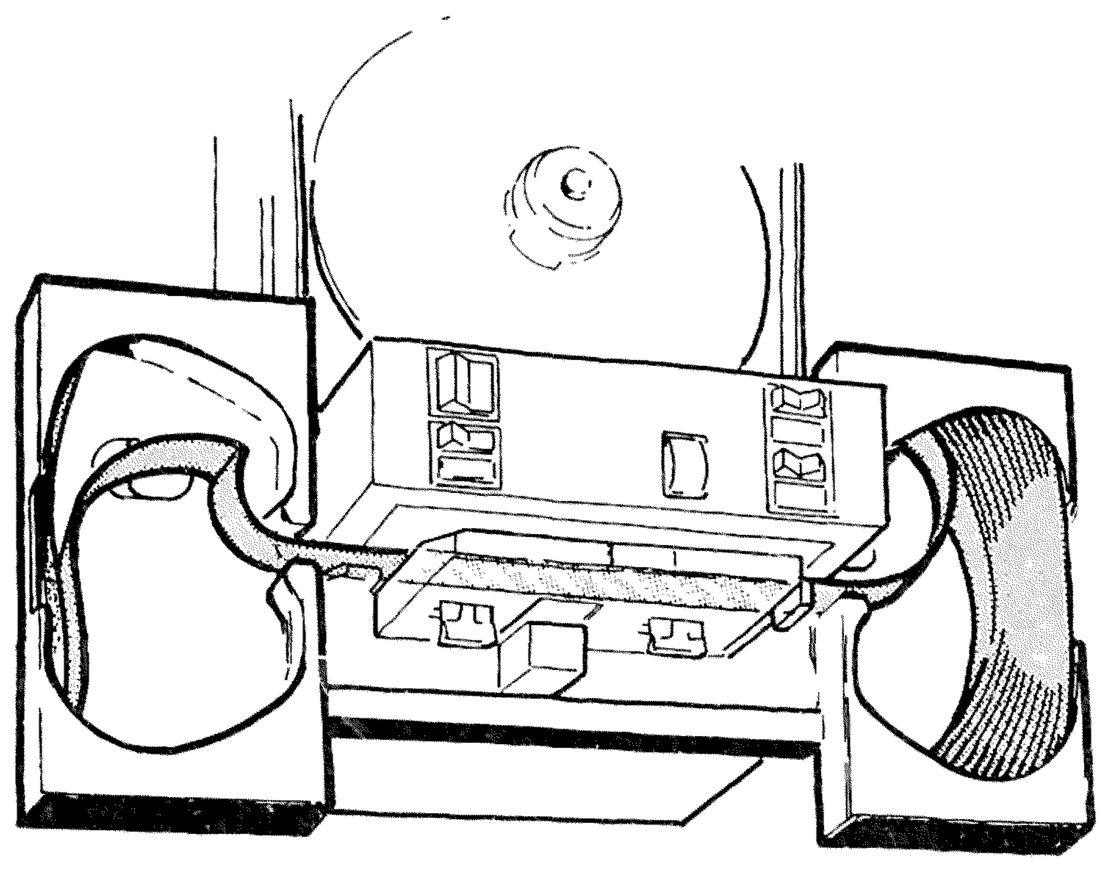


Fig. 14

Fan-folded tape can be read from cassette No. 1507 02 80-00.

- Insert cassette as shown in Fig. 11 or Fig. 12.
- Insert the fan-folded tape in the right-hand cassette compartment as shown in Fig. 9. See section entitled "Inserting tape and preparing for reading" for information about the reference edge of the tape.
- Open the cover and insert the tape in the reading module in the same way as set forth in the section entitled "Inserting tape and preparing for reading".
- Position the tape in the left-hand cassette compartment so that it will be folded in the same way as previously. See Fig. 14. Close the cover by pressing on the white "press-to-lock" spot.
- Depress the START control.

Cleaning

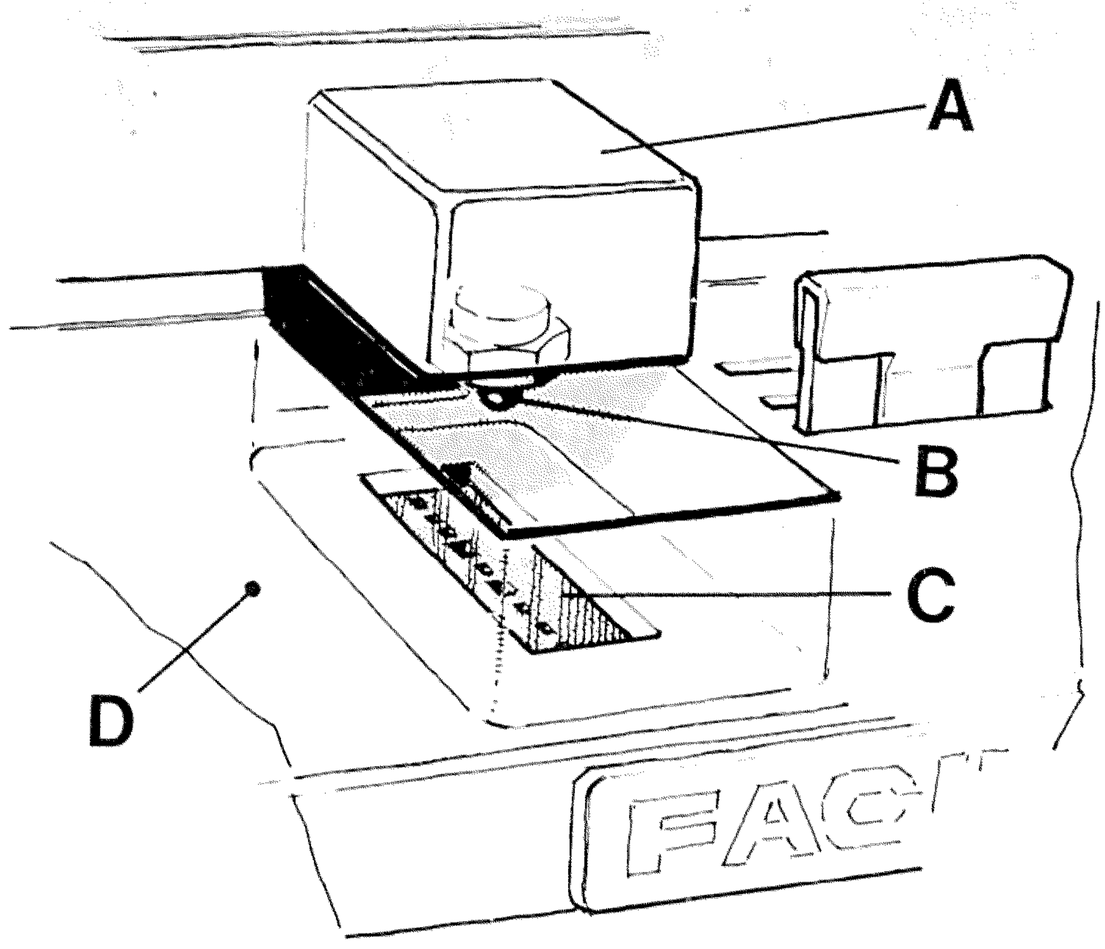


Fig. 15

A Light-emitting diode housing
B Light-emitting diode
C Glass window above reading unit

The light-emitting diode, the tape pathway and the glass window above the reading unit should be cleaned once a month.

- Clean the tape pathway using a soft hair brush.
- Carefully wipe the light-emitting diode glass window above the reading unit using a soft dry rag.

Splicing tape

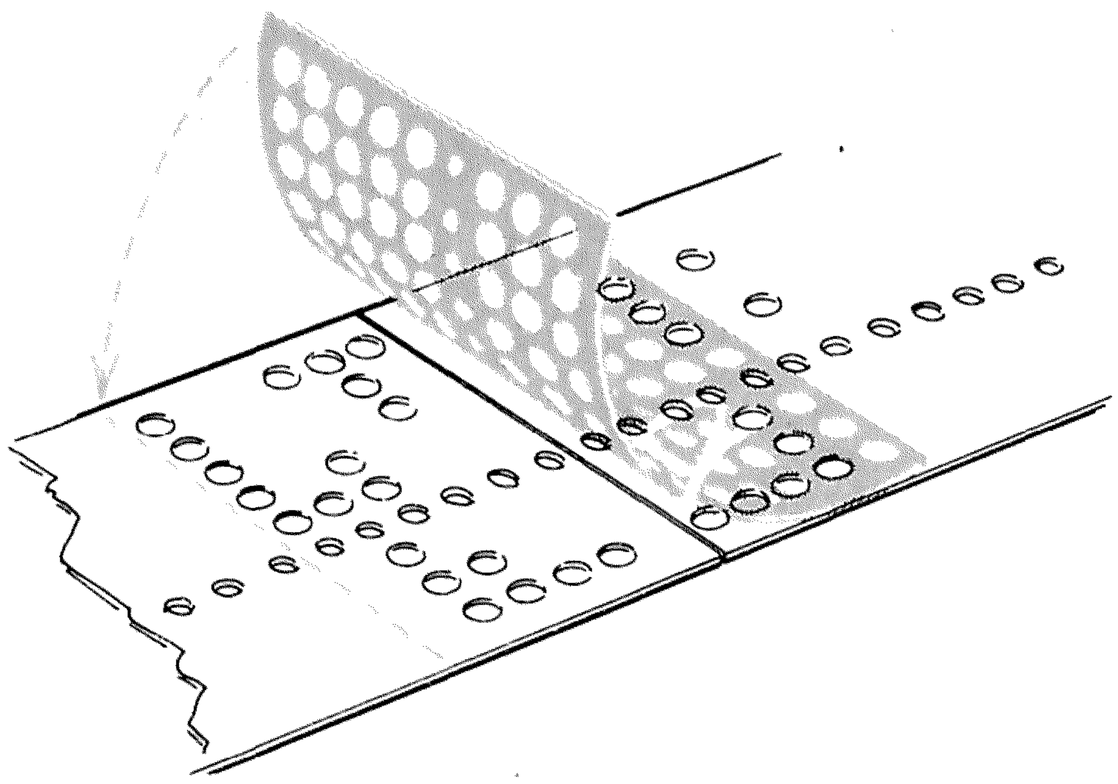
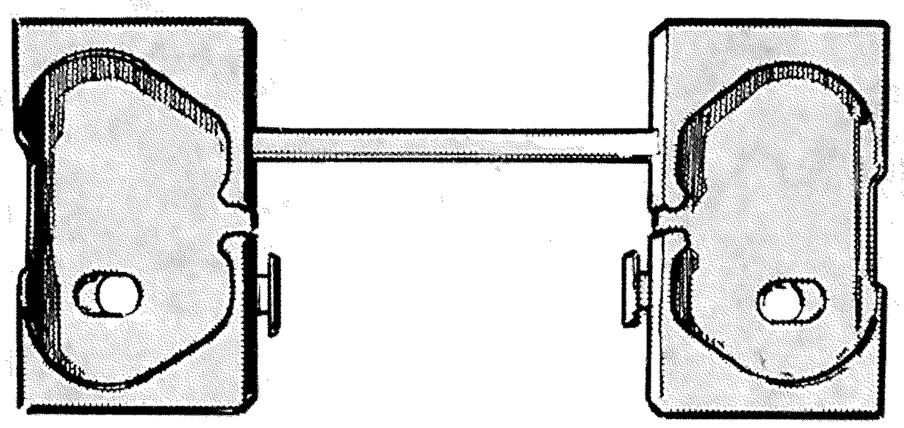


Fig. 16

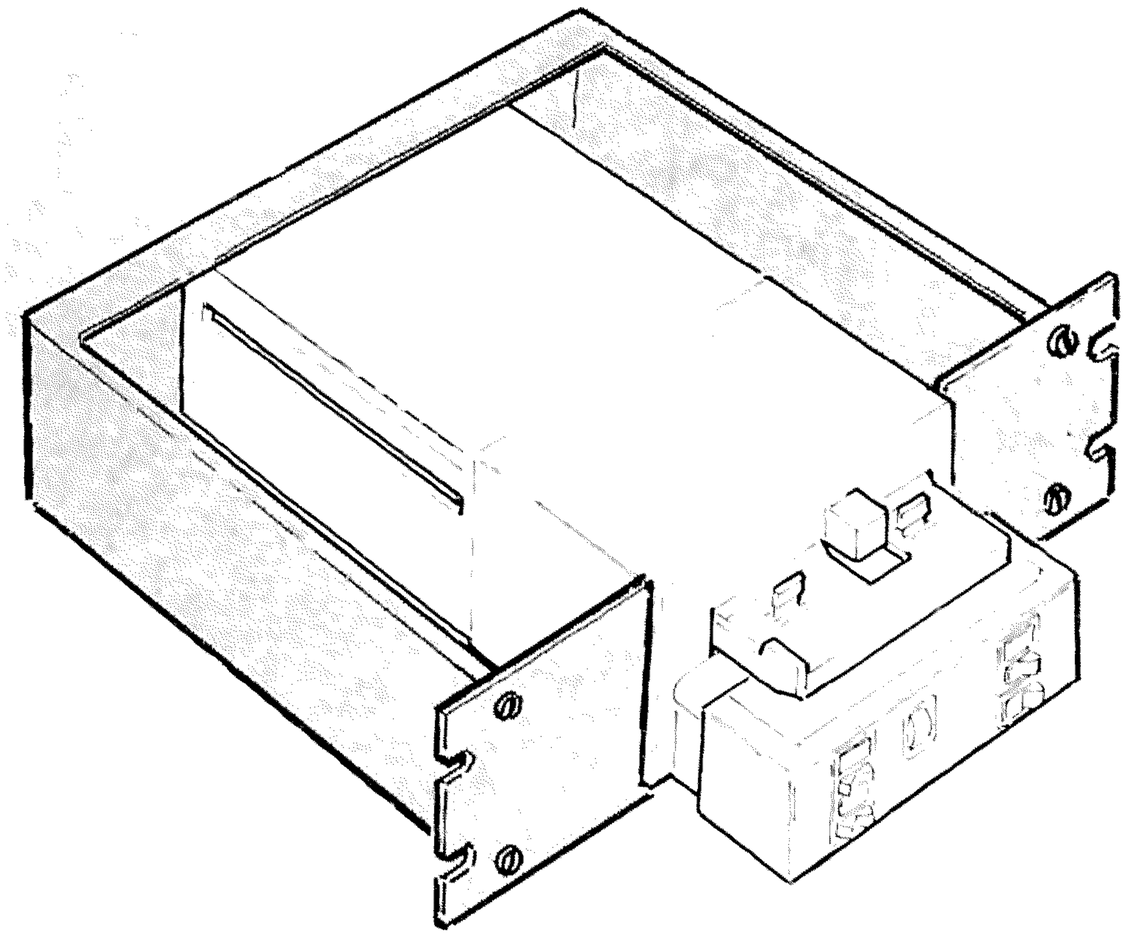
1. Cut the ends of the tape pieces between two feed holes. The cut shall be clean and absolutely perpendicular to the reference edge of the tape.
2. Position the two cut ends with their reference edges against a straight edge. The ends shall just contact each other. Allow no overlap and no gap.
3. Apply a splicing patch as shown in Fig. 16. If an all-hole patch is used, see to it that the holes coincide with the holes in the tape. If an unpunched patch is used, holes corresponding to those in the underlying tape must be punched out manually. Splicing is easier if you use a splicer provided with guide pins and cutter.
Note: The maximum permissible thickness of the tape including splice is 0.25 mm.

Accessories



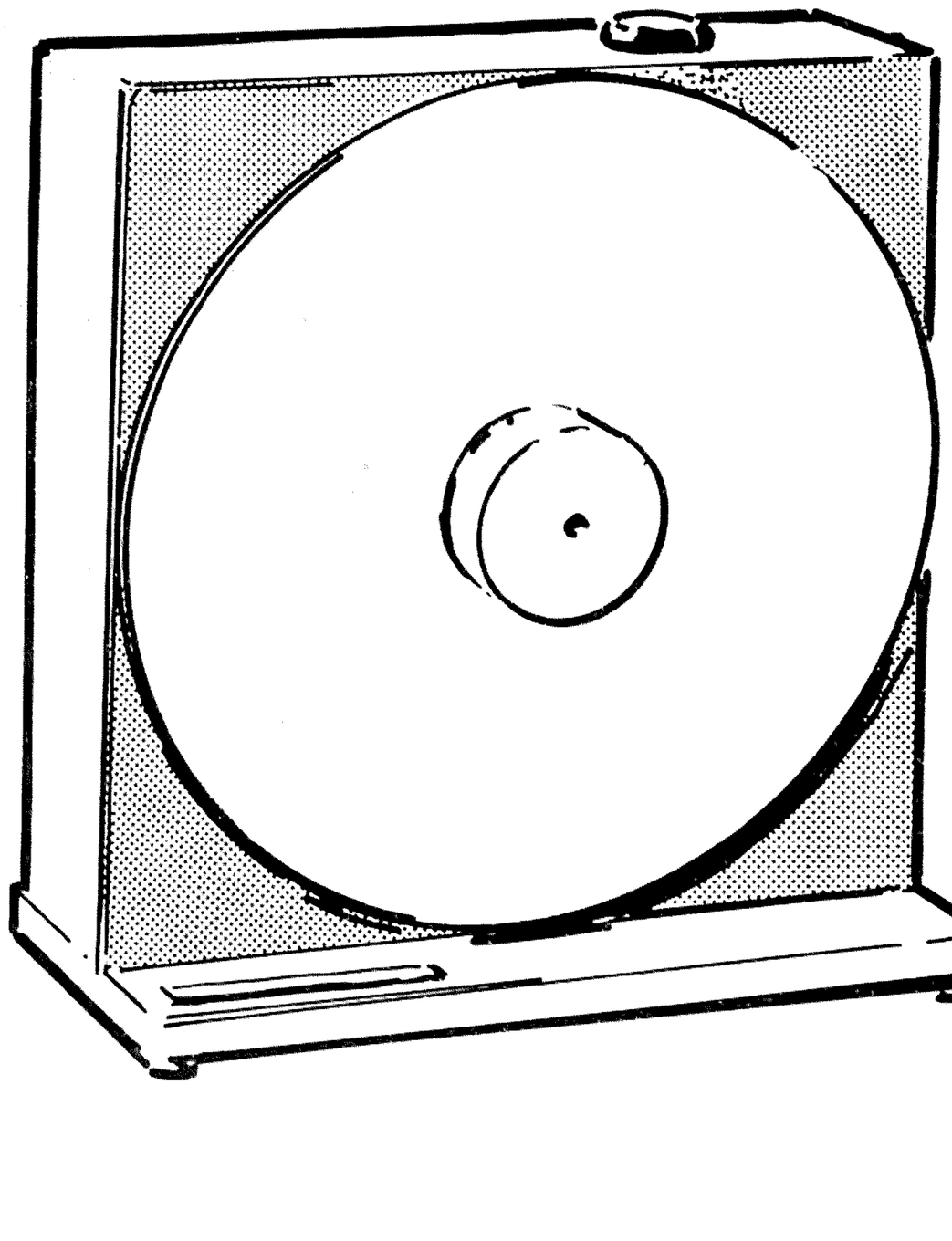
Cassette

Cassette No. 1507 02 80-00
This cassette fits both the Facit 4021 and Facit 4022. It accomodates up to 60 metres of fan-folded (8 1/2″) tape.



Rack

Rack No. 1507 02 70-00
This 19″ rack can be used for the Facit 4022.



Tape spooler

Facit 4021 easy-to-handle tape spooler that winds tape onto a core.

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