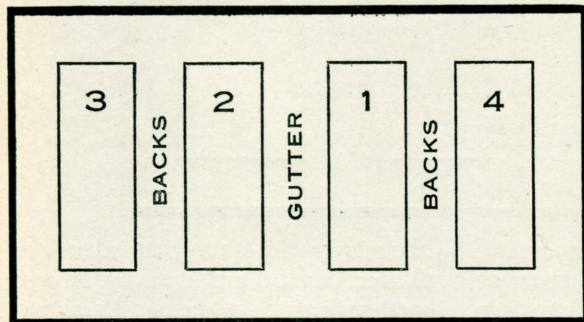
Fig. 6. *The long four.*Fig. 7. *The long four (imposed from the centre).*

backing-up. If the sheet was turned as for the ordinary four, page 4 would back page 1. In order that page 2 may back page 1, therefore, the sheet must be turned, or tumbled, as it is termed, in its short direction. Thus the landscape four is known as a tumbler scheme—in other words, a scheme which requires both long edges of the sheet being fed to the grippers.

If the pages are narrow, and offcuts of paper are being made use of, or if it is necessary for some reason to have certain pages on the outside, the alternatives shown in Figs. 6 and 7 may be utilized.

All the four-page schemes reproduced are, of course, to be printed half-sheet work, and it may be advisable at this stage to define briefly two terms which seem to cause confusion to learners.

*Half-sheet Work.* A number of pages

imposed in one forme and printed on one side of the paper. The paper is then turned and printed again from the same forme; thus each perfected sheet gives *two* complete copies of the pages in the forme when the sheet is cut through the centre. In the case of the ordinary and oblong fours, the perfected sheet would be cut across the heads before folding. The long fours (Figs. 6 and 7) would be cut through the gutters.

*Sheet Work.* A number of pages imposed as two formes, termed *inner* and *outer*. The outer forme, in which are the first and last pages of the sheet, is printed on one side of the stock. The forme is then lifted and the inner forme takes its place and is utilized

to back up the sheets already printed on one side by the outer forme, thus producing one complete copy of the sheet.

To summarize: *half-sheet work* means *one* forme which prints *both* sides of stock and produces *two* copies per sheet. *Sheet work* means *two* formes, one for *each* side of the stock and produces *one* copy per sheet.

So far as the four-page schemes are concerned, therefore, it is only necessary to remember that if the job is to be worked as sheet work, pages 1 and 4 will be the outer forme and pages 2 and 3 the inner forme. In this connection it may be as well to remember that when imposing pages 1 and 4 it is the usual practice, when dealing with a single row of pages, to have the pages with the heads towards the stone-hand. Page 1, therefore, will be at the right of page 4 with the head nearest to the worker.