To Dismantle Vertical Type (see Fig. 4)

- Remove long bolt 12 which screws into boss filter base.
- Tap head assembly 3 free from barrel
 withdraw element 21 and remove
 C spring 20 from boss.
- Remove top pressure plate 19, felt washer 18, plain washer 17, and element locating spring 16.

- 7. Tap base assembly off barrel 2.
- From base assembly remove 'C' spring 22. Detach pressure plate 23 and felt washer 24 from boss and rubber jointing 25 from its groove.
- Wash all parts in paraffin and rebuild base assembly.



- Unscrew and remove safety valve plug 30, spring 27, and valve 26. Remove plug washer 29, and rubber sealing washer 28 from recess in plug boss.
- Withdraw pressure relief valve assembly with washer 5 and seal 4 after unscrewing the larger hexagon on body 6.
- Dismantle pressure relief valve assembly by unscrewing locknut II and plug 9 and withdrawing spring 8 and ball 7.

Re-Assembly of vertical type

Before re-assembly, carefully scrape all paint and dirt from machined faces and bosses, wash all parts in paraffin and blow out with compressed air. Re-new any defective part, paying particular attention to rubber and felt sealing washers.

 Insert ball 7 in pressure relief valve body 6 and locate spring 8 with its

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Thirumalaisamy P. Velavancorresponding

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