Disengage the pawl a38KB1 from the unit wheel b35KB1 and turn the unit wheel until the pointer a4KB3 is opposite the 65-em mark on the scale e9KB1 and a graduate mark on the unit wheel is opposite the zero mark on the unit indicator b25KB1.

If this condition does not exist (due to the expansion or contraction of the anodised em scale), the em scale e9KB1 should be left so that the pointer a4KB3 registers accurately on the zero mark, unless the variation be great, in which case the difference should be divided between the two ends of the em scale so that the variation will not be noticeable.

BELL

One Adjustment—position of the em rack a4KB1.

OBJECT

That the bell trip 4KB2, acting through the lever 3KB1, will trip the bell hammer lever a2KB3 and cause the bell to ring when the em rack pointer a4KB3 indicates 4 ems from zero.

PROCEDURE

Turn on the air.

See the adjustment for the em rack a4KB1. If that adjustment has been correctly made the bell will ring when the em rack pointer indicates 4 ems from zero.

UNIT RACK STOP GUIDE

One Adjustment—position of stop guide c33KB1.

OBJECT

That the unit wheel b35KB1 will revolve the correct number of units when any key is struck, and that the teeth of the pawl a38KB1 may enter the teeth on the unit wheel b35KB1 without dragging on either side.

PRELIMINARY

Turn on the air.

Bring a graduate mark on the unit wheel b35KB1 opposite the zero mark on the unit indicator b25KB1. Strike an 18-unit key (the 18-unit quad or leader may well be used for this purpose) and note whether or not the unit wheel b35KB1 revolves exactly two graduations and whether it stops or does