

The deliberative attention of compositors and manufacturers is called to this  
Improved Lower Case.

fl	ff	fi	int. sp.	em qds.	'	k		1	2	3	4	5	6	7	8
j	b	c	d	e	i	s	f	g	:	9	:	:	:	:	:
!															o
?	l	m	n	h	o	y	p	comma.	w	-					
z															..
x	v	u	t	3-em spaces.	en spaces.	5-em spaces	a	r	quadrats.						
q						4-em spaces									

This arrangement of the spaces is worth to the compositor from 300 to 500 ems per day. Briefly, its merits are: 1, Facility in distribution and separation of the spaces; 2, Speed and uniformity in spacing; 3, When spaces of a particular kind are short, the saving of time in "nursing;" 4, The enlargement of the y, p, comma, and w boxes, the present size being inadequate to meet the demands of ordinary work.

To secure these desirable ends the displacement of but two letters is necessary—the a taking the place of the r and the r being moved further to the right—not interfering with, but rather favoring, rapidity in composition.

The displaced punctuation points, governed

by the frequency of use, are in convenient positions, and, to a certain extent, shielded from "mixing." The em quad being called into action about as often as the hair-space, is given a smaller "home" and placed between it and the apostrophe, whose boxes have been reduced one half.

Another improvement in cases would be to line them with thin sheet-brass instead of paper. Paper becomes wet by distribution and peels off, leaving the wooden bottom bare. This, in course of time, will splinter; when this occurs the compositor is apt to get splinters under his finger nails when the type is low—besides, the brass adds to the strength of the case.

Figure Case.

—	—	—	—	—	*	†	‡	§		¶	⌘	()	[]	en led'rs	em led'rs
¼	1/7	§	-	1	2	3	4	5							
½	1/5	—		6	7	8	9	o							Leaders.
¾	⅔	—													
¾	¾	—		1 em quads.	3-em spaces.	en quads.		Quadrats.							
¾	¾	—													

The advantages of the above case can be seen at a glance and need no explanation further than the assertion that one-third more can be accomplished with it on tabular matter than with the book case.