Digit Cells

In the 10 cells shown here, you are to inscribe a 10-digit number such that the digit in the first cell tells how many zeros are in the entire 10-digit number, the digit in the cell marked "1" tells how many 1's are in the number, and so on. Thus, if the "4" cell has a 2 in it, then there are two 4's somewhere in the 10-digit number.

0	1	2	3	4	5	6	7	8	9