ABSTRACT

IMPROVED CHUCK TABLE FOR AN INTEGRATED CIRCUIT DICING DEVICE

A substrate delivery and chuck system for co-operation with a dicing machine, the system including a chuck table having two chuck sections; a drive mechanism for moving the chuck sections between a first location and a second location; and a lifting assembly for substantially simultaneously (i) depositing a first substrate onto a first of said chuck sections when the first chuck section is in the first location, and (ii) picking up singulated units of a previously diced substrate from a second of the chuck sections when the second chuck section is in the second location; the chuck table and drive mechanism being operable (i) to co-operate with the dicing machine to dice the first substrate placed on the first chuck section at the first location, and (ii) to move the first chuck section to the second location.

Figure 1(b)

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