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(71) Applicant (for all designated States except US): **ROKKO SYSTEMS PTE LTD** [SG/SG]; 18 Kaki Bukit Road 3, #02-01 Entrepreneur Business Centre, Singapore 415978 (SG).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **LIM, Chong Chen, Gary** [MY/SG]; 10 Bedok Reservoir View, #04-28, Singapore 479236 (SG). **BAEK, Seung Ho** [KR/SG]; 2

Flora Drive #06-12 Carissa Park, Singapore 507025 (SG). **JUNG, Jong Jae** [KR/SG]; Eastpoint Green Tower 3C, #07-01 No 5 Simei St 3, Singapore 529892 (SG). **SHIN, Yun Suk** [KR/SG]; 5 Siglap Road #02-38 Mandarin Gardens, Singapore 448908 (SG). **SHEN, Xue Fang** [CN/SG]; Blk 115, Bedok Reservoir Road, #12-132, Singapore 470115 (SG). **LING, Nee Seng** [SG/SG]; 190 B, Rivervale Drive, #07-976, Singapore 542190 (SG). **ANG, Soo Loo** [SG/SG]; Blk 224 Serangoon Ave 4, #07-171, Singapore 550224 (SG).

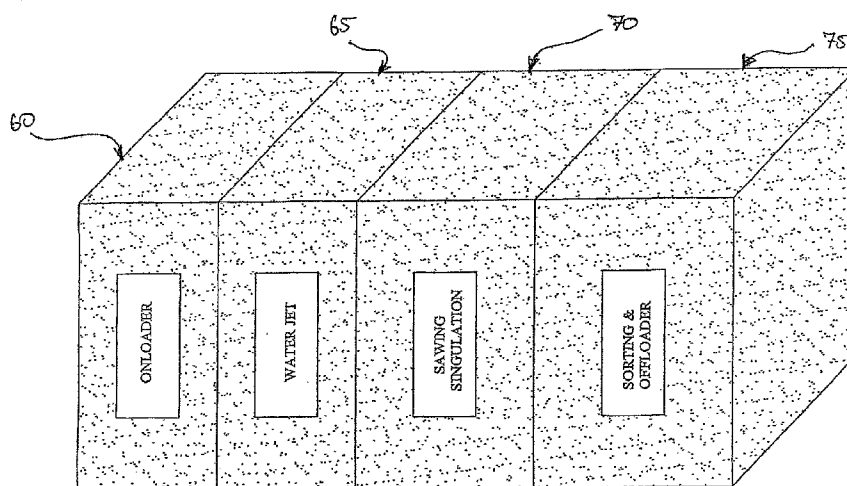
(74) Agent: **ENGLISH, Matthew**; Lloyd Wise, Tanjong Pagar, P.O. Box 636, Singapore 910816 (SG).

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(54) Title: IMPROVED SINGULATION SYSTEM AND METHOD



(1) Material Onloader Section → (2) Water Jet Machine → (3) Sawing Singulation Machine → (4) Pick & Place Sorting & offloader Machine.

(57) Abstract: A system for singulating an IC unit from a substrate, said IC unit having a combination of linear and non-linear peripheral edges, said system comprising a profile cutting device for cutting the non-linear portions of the IC unit; a longitudinal cutting device for cutting the linear portions of the IC unit, said cutting means located within a singulation zone.



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