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(71) Applicant (for all designated States except US):
BLUESHIFT TECHNOLOGIES, INC. [US/US]; 3
Riverside Drive, Andover, MA 01810 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **VAN DER MEULEN, Peter** [US/US]; 7 Pine Street, Newburyport, MA 01950 (US).

(74) Agent: **MAZZARESE, Robert, A.**; Strategic Patents, P.C., PortfolioIP, P.O. Box 52050, Minneapolis, MN 55402 (US).

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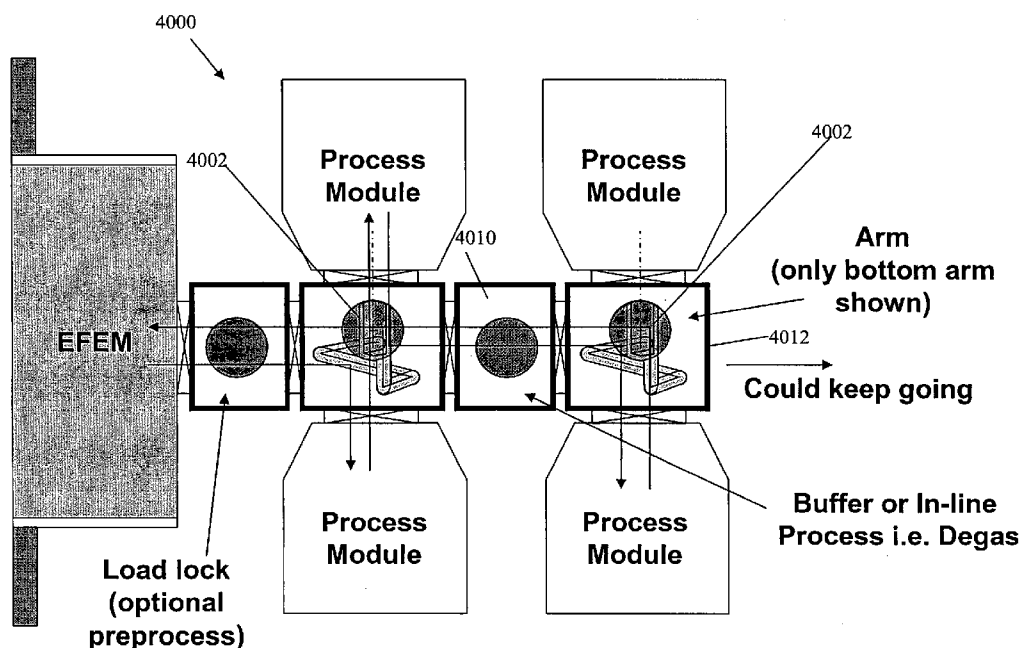
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(57) Abstract: Methods and systems are provided for handling materials in a vacuum-based semiconductor handling system, including methods and systems for handling materials from arm to arm in order to traverse a linear handling system.

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