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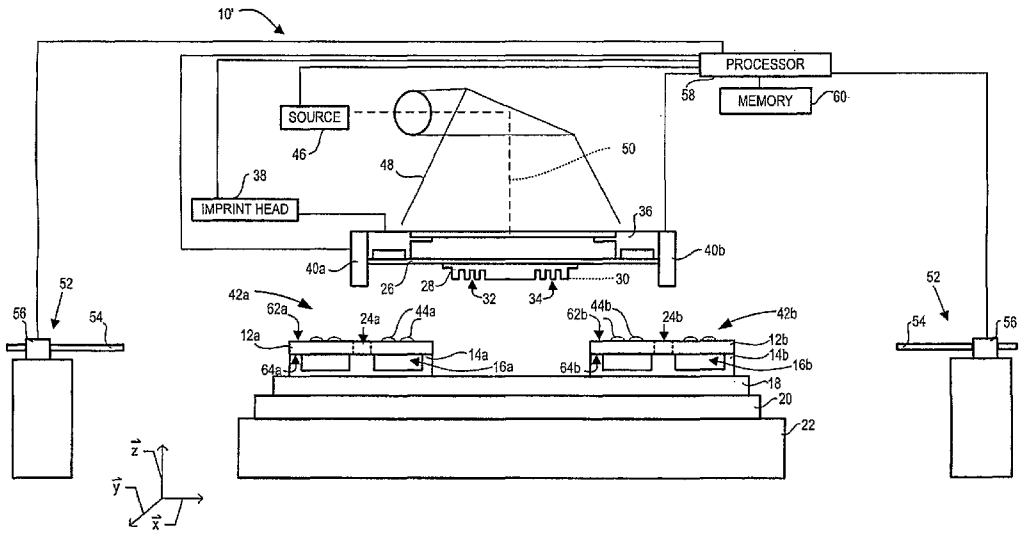
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(54) Title: PATTERNING SUBSTRATES EMPLOYING MULTIPLE CHUCKS



(57) Abstract: The present Invention is directed towards a method for patterning first and second substrates in a nanoimprlnt lithography system, the method including, inter alia, concurrently positioning the first and second substrate on a first and second substrate chuck; positioning a nanoimprint material on the first and second substrate; removing the first substrate from the first substrate chuck while concurrently obtaining a spatial relationship between the first substrate and a nanoimprint mold assembly and imprinting a pattern in the nanoimprint material on the first substrate with the nanoimprint mold assembly; and separating the nanoimprint mold assembly from the nanoimprint material on the first and second substrate, with the first and second substrates being subjected to substantially the same process conditions.

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