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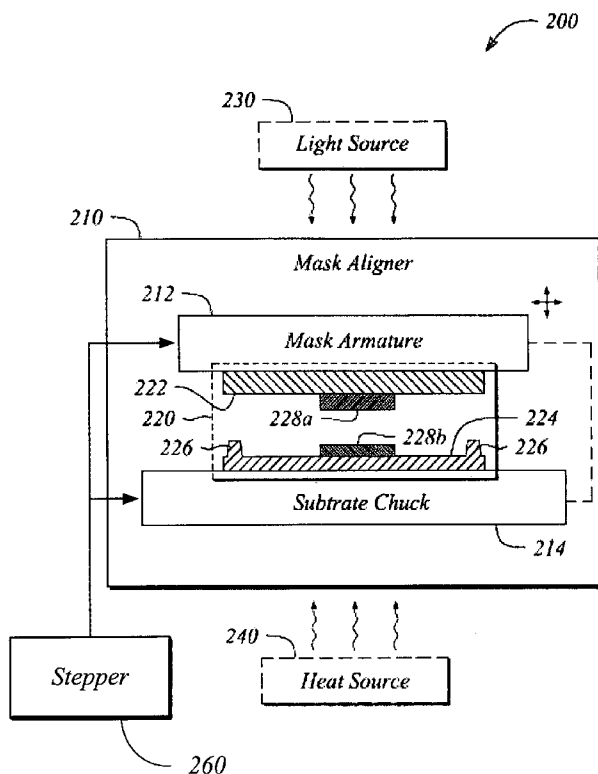
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[Continued on next page]

(54) Title: CONTACT LITHOGRAPHY APPARATUS, SYSTEM AND METHOD



(57) Abstract: A contact lithography system (100, 200) includes a patterning tool (110, 228a, 510) bearing a pattern (112); a substrate chuck (214) for chucking a substrate (130, 228b) to receive the pattern (112) from the patterning tool (110, 228a, 510); where the system (100, 200) deflects a portion of either the patterning tool (110, 228a, 510) or the substrate (130, 228b) into contact; and a stepper (260) for repositioning either or both of the patterning tool (110, 228a, 510) and substrate (130, 228b) to align the pattern (112) with an additional portion of the substrate (130, 228b) to also receive the pattern (112). A method of performing contact lithography comprising: deflecting a portion of either a patterning tool (110, 228a, 510) or a substrate (130, 228b) to bring the patterning tool (110, 228a, 510) and a portion of the substrate (130, 228b) into contact; and repositioning either or both of the patterning tool (110, 228a, 510) and substrate (130, 228b) to align a pattern (112) on the patterning tool (110, 228a, 510) with an additional portion of the substrate (130, 228b) to also receive the pattern (112).

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2006/172031 A1 (BABBS DANIEL A [US] ET AL) 3 August 2006 (2006-08-03) paragraph [0034]; figures 1,2	1-3,6,7,9,11-15
Y	paragraphs [0045] - [0051]; figures 5-7,11	4,5,8
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X	US 2004/197712 A1 (JACOBSON JOSEPH M [US] ET AL) 7 October 2004 (2004-10-07) paragraph [0024]; figure 1 figure 2	1,6,7,9,10,13
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C.		<input checked="" type="checkbox"/> See patent family annex.
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A document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed		*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer <p style="text-align: center;">Pérennès, Frédéric</p>	

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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Information on patent family members

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