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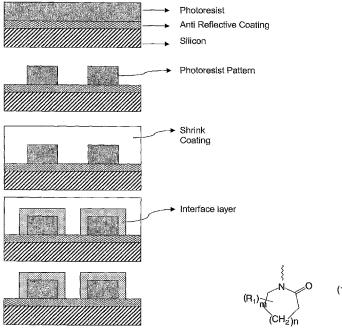
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[Continued on next page]

#### (54) Title: A COMPOSITION FOR COATING OVER A PHOTORESIST PATTERN COMPRISING A LACTEM



(1)

Fig. 1

(57) Abstract: The present invention relates to an aqueous coating composition for coating a photoresist pattern comprising a polymer containing a lactam group of structure (1) where  $R_1$  is independently selected hydrogen, C<sub>1</sub>-C<sub>4</sub> alkyl, C<sub>1</sub>-C-<sub>6</sub> alkyl alcohol, hydroxy (OH), amine (NH2), carboxylic acid, and amide (CONH<sub>2</sub>), represents the attachment to the polymer, m=1-6, and n=1-4. The present invention also relates to a process for manufacturing a microelectronic device.

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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Further documents are listed in the continuation of Box C.	X See patent family annex.
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