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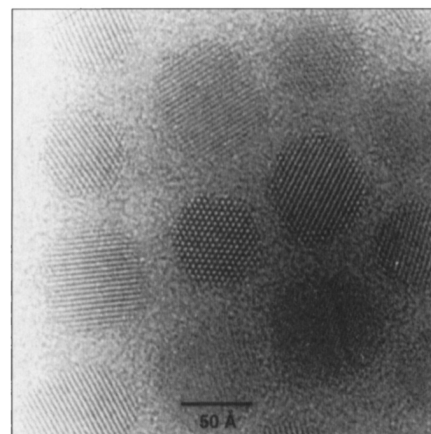
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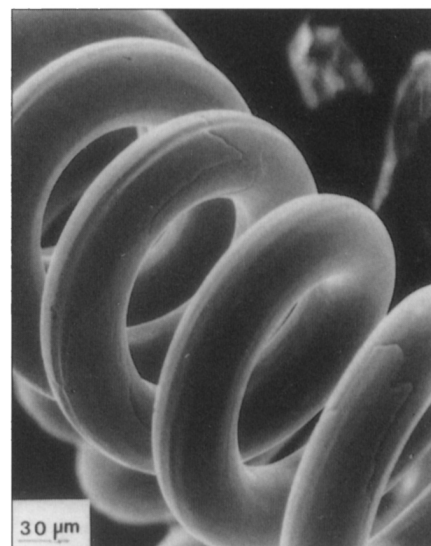
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ON THE COVER: TEM micrograph showing small cadmium selenide (CdSe) particles (65 Å in diameter) spread out on an amorphous carbon substrate. Each particle is coated with a layer of organic molecules, sustaining a characteristic distance between them. Taken by Andreas Kadavanich and Paul Alivisatos, using the facilities of the National Center for Electron Microscopy at the Lawrence Berkeley National Laboratory. For more information, see "Semiconductor Nanocrystals" by A.P. Alivisatos on page 23.

Insert: SEM micrograph of an interlocking grain structure generated in potassium-doped tungsten. For more information, see C.L. Briant and B.P. Bewlay's article, "The Coolidge Process for Making Tungsten Ductile: The Foundation of Incandescent Lighting" on page 67.



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Materials Research Society
9800 McKnight Road
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Tel. (412) 367-3003; Fax (412) 367-4373

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Editorial Office • 9800 McKnight Road • Pittsburgh, PA 15237-6006
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ULTROSTAINER

grid stainer

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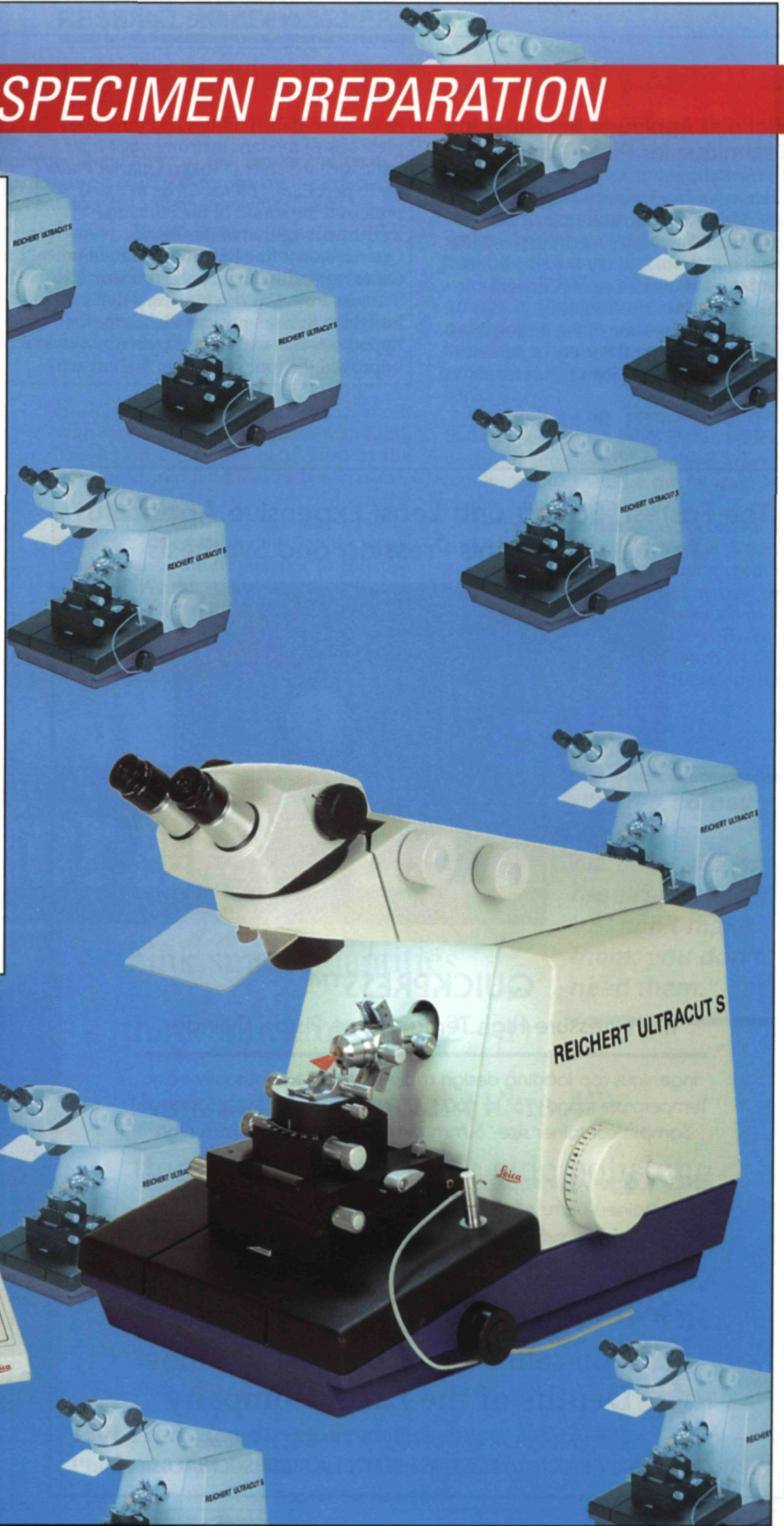
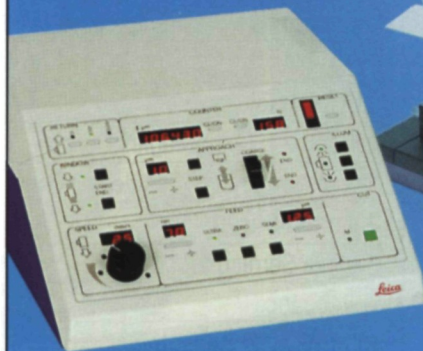
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