December 1996

A Publication of the Materials Research Society Volume 21, Number 12 ISSN: 0883-7694 CODEN: MRSBEA

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ON THE COVER: Composite of Mary Cassatt's Portrait of Charles Dikran Kelekian, 1910 (Walters Art Gallery 37.2656, photograph courtesy of Walters Art Gallery). **Insets:** Light micrographs taken at 64 times. Field of view is 0.53 mm. Left Inset: The wide, yellow-stained fiber is softwood, and the two narrow, red fibers are flax (upper) and cotton (lower). Right **Inset:** The purple-dyed fiber is wool.

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MRS Bulletin (ISSN: 0883-7694) is published 12 times a year by the Materials Research Society, 9800 McKnight Road, Pittsburgh, PA 15237. Application to mail at periodicals rates has been approved at Pittsburgh, PA and at additional mailing offices. POSTMASTER: Send address changes to MRS Bulletin in care of the Materials Research Society, at the address listed; phone (412) 367-3003; fax (412) 367-4373. Printed in the U.S.A.

Additional copies of articles in MRS Bulletin may be made at \$2.50 per article. This fee can be paid to the Materials Research Society through the Copyright Clearance Center, Inc., 27 Congress Street, Salem, MA 01970.

Membership in MRS is \$75 annually for regular members, \$25 for students. Dues include an allocation of \$29 (\$17 for students) to a subscription to MRS Bulletin. Individual member subscriptions are for personal use only. Non-member subscription rates are \$135 for one calendar year (12 issues) within the U.S.A. and \$185 elsewhere. Single copies may be purchased for \$16 each. Send subscription orders to Subscription Department, Materials Research Society, 9800 McKnight Road, Pittsburgh, PA 15237.

MRS Bulletin is included in Current Contents"/Engineering, Computing, and Technology; Current Contents"/Physical, Chemical, and Earth Sciences, the SciSearch* online database, Research Alert", Science Citation Index", and the Materials Science Citation Index". Back volumes of MRS Bulletin are available in 16mm microfilm, 35mm microfilm, or 105mm microfiche through University Microfilms Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.

Materials Research Society 9800 McKnight Road Pittsburgh, PA 15237-6006 Tel. (412) 367-3003; Fax (412) 367-4373 http://www.mrs.org/

MIRISI BULLETI

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Materials Research Society (MRS) https://doi.org/407.1999/PS088-Massachusetts/ Published online by Cambridge University Press