<table>
<thead>
<tr>
<th>REPORTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vapor Pressure of Water at Its Triple Point: Highly Accurate Value: L. A. Guildner, D. P. Johnson, F. E. Jones .......... 1261</td>
</tr>
<tr>
<td>Elimination of the Sarcoma Genome from Murine Sarcoma Virus Transformed Cat Cells: A. E. Frankel et al. .......... 1264</td>
</tr>
<tr>
<td>High Resolution of Human Chromosomes: J. J. Yunis .......... 1268</td>
</tr>
<tr>
<td>Stratospheric Aluminum Oxide: D. E. Brownlee, G. V. Ferry, D. Tomandl .......... 1270</td>
</tr>
<tr>
<td>Both Positive Reinforcement and Conditioned Aversion from Amphetamine and from Apomorphine in Rats: R. A. Wise, R. A. Yokel, H. deWit .......... 1273</td>
</tr>
<tr>
<td>Laboratory Plate Tectonics: A New Experiment: R. F. Gans .......... 1276</td>
</tr>
<tr>
<td>Pattern-Analyzing Memory: P. A. Kolers .......... 1280</td>
</tr>
<tr>
<td>REM Sleep Induction by Physostigmine Infusion During Sleep: N. Sitaram et al. .......... 1281</td>
</tr>
<tr>
<td>β-D-Galactosidase Activity in Single Yeast Cells During Cell Cycle of Saccharomyces lactis: J. Yashphe and H. O. Halvorson .......... 1283</td>
</tr>
<tr>
<td>Technical Comment: Duffy Blood Group and Malaria: A. P. Gelpi and M. C. King .......... 1284</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PRODUCTS AND MATERIALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minicomputer Series; Shatter-Proof Acid Bottles; Gas-Sensing Electrode; Packaged Computer Systems; Liquid Chromatograph; Micromolecular Still; Osmometer Standards; Peristaltic Pump; Residual Chlorine Electrode; Liquid Chromatography Columns; Line Printers; Top-Loading Balance; Literature .......... 1286</td>
</tr>
</tbody>
</table>

**COVER**

Color composite pictures of Ganymede. Each is a superposition of two monochrome images, with a third primary color artificially added. Top picture uses image data taken by the Pioneer 10 spacecraft. The remaining two pictures are from restorations of these data by linear convolution (middle) and by maximum entropy (bottom). See page 1237. [B. R. Frieden and W. Swindell, University of Arizona/NASA-Ames Research Center]