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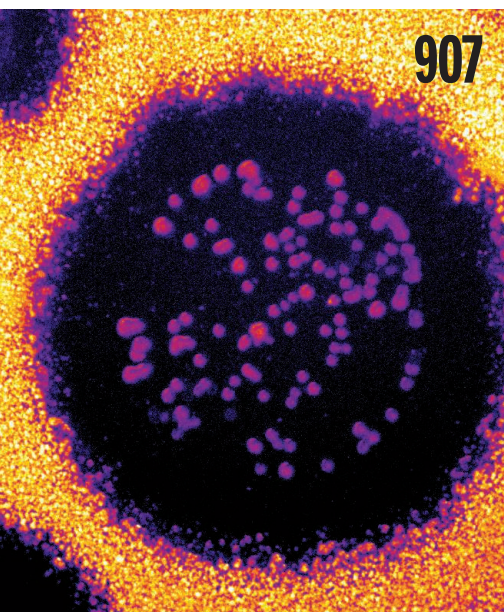
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Apparatus for building a
single NaCs molecule
from two individual
sodium and cesium
atoms. The single chemical
reaction takes place
in an 80-millimeter-long
glass cell vacuum chamber,
where the atoms arecaptured and manipulated by laser beams
focused through a microscope objective
(shown at right). The reaction is triggered
by a pulse of light after the atoms are
brought together. See pages 855 and 900.
Photo: Ken Richardson

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