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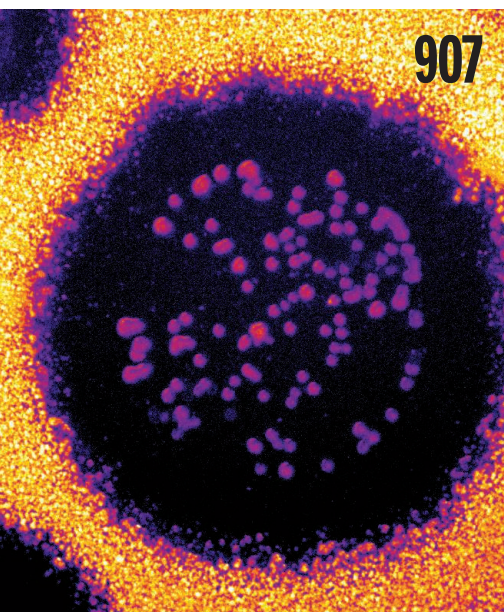
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Apparatus for building a
single NaCs molecule
from two individual
sodium and cesium
atoms. The single chemical
reaction takes place
in an 80-millimeter-long
glass cell vacuum chamber,
where the atoms are
captured and manipulated by
laser beams focused 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
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Photo: Ken Richardson

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