Erratum

⁴He Binding Energies on Single-Wall Carbon Nanotube Bundles,
by Y. H. Kahng, R. B. Hallock, E. Dujardin, and T. W. Ebbesen
(QFS 2001 proceedings, *J. Low. Temp. Phys.*, this issue).

We have found a typographical error in the above paper. The number on page 5, regarding maximum two-dimensional density of ⁴He atoms, assuming that they are on the 0.1 nm wide outer groove (OG) sites of the single-wall carbon nanotube (SWNT) bundles, should be changed from 0.793 atoms/nm² to 7.93 atoms/nm². The coverage estimate was done by modelling the SWNTs as (10,10) nanotubes, and using the approximate bundle diameter of 20 nm, the lattice constant of 1.7 nm for the tubes in the bundle and the individual tube diameter of 1.38 nm.¹ This model gives us the total length of the interstitial sites (IC), 2.51×10^8 m, and the total length of the OG sites, 4.80×10^7 m, in our 0.52 mg sample. The linear density of ⁴He at the maximum coverage of our data is, 0.151 atoms/nm if adsorbates are in the IC, and 0.793 atoms/nm if adsorbates are on the OG.

REFERENCES

1. A. Thess, R. Lee, P. Nikolaev, H. Dai, P. Petit, J. Robert, C. Xu, Y.H. Lee, S.G. Kim, A.G. Rinzler, D.T. Colbert, G.E. Scuseria, D.T. Tomanek, J.E. Fischer, and R.E. Smalley, *Science* **273**, 483 (1996).