Erratum: “Entangled Photon States in Consecutive Nonlinear Optical Interactions” [JETP Letters 79, 253 (2004)]

A. V. Rodionov and A. S. Chirkin

PACS numbers: 42.50.Dv; 42.65.Ky; 03.67.Mn; 03.65.Ud; 99.10.Cd

The last term in Eq. (3) contains a misprint: operator a_2 should be replaced by a_3 . The proper form of Eq. (3) is

$$H_{\text{int}} = i\hbar \{ \beta_1 (a_1^\dagger a_2^\dagger - a_1 a_2) + \beta_2 (a_3^\dagger a_1 - a_3 a_1^\dagger) \}.$$