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**Bruce C. Berndt** and **Atul A Dixit\*** (adixit@tulane.edu), 6823 Saint Charles Avenue, New Orleans, LA 70118, and **Arindam Roy** and **Alexandru Zaharescu**. *A series identity, possibly connected with a divisor problem, in Ramanujan's Lost Notebook.*

On page 336 in his lost notebook, S. Ramanujan proposes an identity that may have been devised to attack a divisor problem. Unfortunately, the identity is vitiated by a divergent series appearing in it. We prove here a corrected version of Ramanujan's identity. We also show its connection to an infinite series involving the modified Bessel function  $K_s(x)$ . A related series identity due to Ramanujan and S. Wigert is also discussed along with its new generalization. This is joint work with Bruce C. Berndt, Arindam Roy and Alexandru Zaharescu. (Received October 15, 2013)