

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO
RULE 13a-16 OR 15d-16 UNDER THE SECURITIES
EXCHANGE ACT OF 1934

For 31 May 2011

**Harmony Gold Mining Company
Limited**

Randfontein Office Park
Corner Main Reef Road and Ward Avenue
Randfontein, 1759
South Africa
(Address of principal executive offices)

(Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.)

Form 20-F ☒ X Form 40-F ☐

(Indicate by check mark whether the registrant by
furnishing the information contained in this form
is also thereby furnishing the information to the
Commission pursuant to Rule 12g3-2(b) under the
Securities Exchange Act of 1934.)

Yes ☐ No ☒ X

Harmony Gold Mining Company Limited
Registration number 1950/038232/06
Incorporated in the Republic of South Africa
ISIN: ZAE000015228
JSE share code: HAR
("Harmony" or "the company")

RESIGNATION OF NON-EXECUTIVE DIRECTOR

Johannesburg. Tuesday, 31 May 2011.

In compliance with paragraph 3.59 of the Listings Requirements of the JSE Limited, the board of Harmony herewith announces the resignation of Dr CM Diarra as independent non-executive director of the company with effect from 31 May 2011. Due to additional demands on the time and attention of Dr Diarra, he will unfortunately not be able to continue as a director of Harmony. The board wish to thank Dr Diarra for his valuable contribution in the role as director of the company and wishes him well in his future endeavours.

Ends.

For more details contact:

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www.harmony.co.za

31 May 2011

Sponsor:
J.P. Morgan Equities Limited

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Dated: May 31, 2011

Harmony Gold Mining Company Limited

By: /s/ Hannes Meyer

Name: Hannes Meyer
Title: Financial Director