REPUBLIC OF SOUTH AFRICA

REPUBLIEK VAN SUID AFRIKA

PATENTS ACT, 1978

CERTIFICATE

In accordance with section 44 (1) of the Patents Act, No. 57 of 1978, it is hereby certified that:

ADVANCED MATERIALS- JTJ S.R.O.

Has been granted a patent in respect of an invention described and claimed in complete specification deposited at the Patent Office under the number

2010/04416

A copy of the complete specification is annexed, together with the relevant Form P2.

In testimony thereof, the seal of the Patent Office has been affixed at Pretoria with effect from the **30** day of **March 2011**

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Registrar of Patents