



**REPUBLIC OF SINGAPORE
THE PATENT ACT (CHAPTER 221)
CERTIFICATE ISSUED UNDER SECTION 35**

I HEREBY CERTIFY that under the provisions of the Patent Act, a patent has been granted in respect of an invention having the following particulars:

TITLE : EFFECT OF AN ATTENUATED BORDETELLA STRAIN AGAINST ALLERGIC DISEASE

APPLICATION NUMBER / PATENT NUMBER : 10201607233T

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Daren Tang Heng Shim
Registrar of Patents
Singapore