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# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number:** 2021102976

The Commissioner of Patents has granted the above patent on 19 January 2022, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

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**Title of invention:**

Automatic Pancreas Segmentation using A Novel Modified Semantic Deep Learning Bottom-Up Approach

**Name of inventor(s):**

Kakarwal, Sangita; paithane, pradip and Deshmukh, Ratnadeep

**Term of Patent:**

Eight years from 31 May 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 19<sup>th</sup> day of January 2022

Commissioner of Patents

**PATENTS ACT 1990**

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.