REPUBLIC OF SOUTH AFRICA

REPUBLIEK VAN SUID AFRIKA

PATENTS ACT, 1978

PATENT

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

VISHWAKARMA INSTITUTE OF TECHNOLOGY

has been granted a patent for an invention as disclosed and claimed in the complete specification entitled

AN IRRIGATION SYSTEM FOR AUTOMATED PLANT WATERING BASED ON SOIL MOISTURE CONDITIONS

deposited at the Patent Office and assigned patent number:

2025/10600

Form P2 is annexed, together with a declaration, disclaimer and information page.

In testimony thereof, the seal of the Patent Office has been affixed to this patent at Pretoria with effect from the 26th day of August 2026.

Signed and sealed at Pretoria, this 18th day of September 2026

p.p

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Priority claimed:	Country	Number	Date

54 Title of invention

AN IRRIGATION SYSTEM FOR AUTOMATED PLANT WATERING BASED ON SOIL MOISTURE CONDITIONS

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61 Patent of addition No.	Date of any change
Fresh application based on.	Date of any change

DECLARATION, DISCLAIMER AND INFORMATION PAGE

Declarations

- The effect of the patent shall be to grant to the patentee in the Republic of South Africa, subject to the provisions of the Patents Act, No. 57 of 1978 (“the Act”), for the duration of the patent, the right to exclude other persons from making, using, exercising, disposing or offering to dispose of, or importing the invention as defined in the claims.
- The duration of the patent shall be 20 years from the date of application therefor, subject to payment of the prescribed renewal fees by the patentee or an agent.
- Where a patent being granted is derived from a PCT application that was published on PATENTSCOPE with a nucleotide and/or amino acid sequence listing forming part of the PCT application, such nucleotide and/or amino acid sequence listing will be deemed to have been filed at the Patent Office in terms of regulation 1A of the Patent Regulations, 1978.
- This patent is issued in accordance with the official records of the Patent Office as at the date of publication of acceptance in the Patent Journal.
- This patent is electronically issued in accordance with section 44 of the Act.

Disclaimers

- This patent is digitally sealed and issued by the Patent Office in accordance with section 14 of the Electronic and Communications Act, No. 2 of 2002. Any alteration of this document is prohibited.

Information

- The original patent may be downloaded once.
- The QR code for this patent allows for the verification of information relating to this patent.
- The information includes the patent number, type of patent, name of patentee, date of grant, name of inventor, and a unique ID.
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