

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:

**VISHWAKARMA INSTITUTE OF INFORMATION TECHNOLOGY**

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

**2022/11045**

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 21<sup>st</sup> day of December 2022

A handwritten signature in black ink, appearing to be 'B. H.', written over a dotted line.

Registrar of Patents



## REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

## APPLICATION FOR A PATENT AND ACKNOWLEDGEMENT OF RECEIPT

## [Section 30 (1)-Regulation 22]

The granting of a patent is hereby requested by the undermentioned applicant on the basis of the present application.

Official Application No.		Applicant's or Agent's Reference
21	01	2401LPS
<b>2022/11045</b>		

71	Full Name(s) of Applicant(s)
VISHWAKARMA INSTITUTE OF INFORMATION TECHNOLOGY SURVEY NO. 3/4, KONDHWA (BUDRUK) PUNE, MAHARASHTRA, 411048, India	

54	Title of invention
<b>A SYSTEM FOR DRIVER BEHAVIOUR AND USAGE BASED INSURANCE</b>	

The applicant claims priority as set out on the accompanying Form P.2. The earliest priority claimed is		
COUNTRY:	NUMBER:	DATE:

<del>This application is for a patent of addition to patent application No.</del>		
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21	01	
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<del>This application is a fresh application in terms of section 37 and based on Application No.</del>		
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21	01	
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This application is accompanied by:		
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X	1.	A single copy of a complete specification of 5 pages.
	2.	Drawings of ____ sheet(s).
X	3.	Publication particulars and abstract(Form P8)
	4.	A copy of a figure of the drawing (if any) for the abstract
X	5.	Assignment of invention
	6.	Certified priority document(s)
	7.	Translation(s) of the priority document(s)
	8.	Assignment of priority rights
	9.	A copy of the Form P.2 and the specification of S.A Patent Application (if applicable).
X	10.	A declaration and power of attorney on Form P3
X	11.	Statement on the use of indigenous Biological Resource, Genetic Resource, Traditional Knowledge or Use on Form P26
X	12.	
X	13.	Other Supporting Document

74	Address of Service:
Wolmarans and Susan Inc. 337 Surrey Avenue, Randburg, 2194 SOUTH AFRICA	

Dated this 10th day of October 2022

Submitted online by : Wolmarans and Susan Inc.

.....

Signature of Applicant(s)

This is returned to the applicant's  
address for service as proof of lodging.

RECEIVED
Official Date Stamp
..... Registrar of Patents

REPUBLIC OF SOUTH AFRICA

REGISTER OF PATENTS

PATENTS ACT, 1978

Official application No.		Lodging date: Provisional		Acceptance date	
21	01	<b>2022/11045</b>		22	
International classification		Lodging date: Complete		Granted date	
51	G06Q	23	2022/10/10		
71 Full name(s) of applicant(s)/Patentee(s):					
VISHWAKARMA INSTITUTE OF INFORMATION TECHNOLOGY SURVEY NO. 3/4, KONDHWA (BUDRUK) PUNE, MAHARASHTRA, 411048, India					
71 Applicant substituted:				Date registered	
71 Assignee(s):				Date registered	
72 Full name(s) of inventor(s):					
WAWAGE, PAWAN SUBHASH DESHPANDE, YOGESH NAZIRKAR, Shardul SHINDE, Harsh Pratap PATIL, Chetan Dipak SHELKE, Priya M.					
Priority claimed:		Country	Number	Date	
54 Title of invention					
<b>A SYSTEM FOR DRIVER BEHAVIOUR AND USAGE BASED INSURANCE</b>					
Address of applicant(s)/patentee(s):					
SURVEY NO. 3/4, KONDHWA (BUDRUK) PUNE, MAHARASHTRA, 411048 INDIA					
74 Address for service					
Wolmarans and Susan Inc. 337 Surrey Avenue, Randburg, 2194 SOUTH AFRICA Reference No. 2401LPS					
61 Patent of addition No.			Date of any change		
Fresh application based on.			Date of any change		

REPUBLIC OF SOUTH AFRICA  
PATENTS ACT, 1978  
**APPLICATION OR REQUEST TO THE REGISTRAR**  
**(REGULATION 39)**

OFFICIAL APPLICATION NO.		
21	01	<b>2022/11045</b>

AGENT REFERENCE
2401LPS

IN THE NAME OF:	
71	VISHWAKARMA INSTITUTE OF INFORMATION TECHNOLOGY

<p>In terms of the following section(s) 40 of the Act and/or regulation(s) 39 and 44 of the Patent Regulations, the applicant hereby request the following:</p> <p>to expedite acceptance of the application.</p>
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Documents, if any, lodged in support of the request:
N/A

ADDRESS FOR SERVICE

74	Wolmarans and Susan Inc. 337 Surrey Avenue, Randburg, 2194 SOUTH AFRICA
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10 October 2022

Submitted online by : Wolmarans and  
Susan Inc.

\_\_\_\_\_  
Signature of Applicant

FOR OFFICIAL USE ONLY

The above application or request is hereby allowed/refused.

Reasons for refusal of conditions of allowance, if any:

OFFICIAL DATE STAMP

\_\_\_\_\_  
REGISTRAR OF PATENTS

REPUBLIC OF SOUTH AFRICA  
PATENTS ACT, 1978  
**COMPLETE SPECIFICATION**  
[Section 30(1) – Regulation 28]

OFFICIAL APPLICATION NO.

21	01	<b>2022/11045</b>
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LODGING DATE

22	2022/10/10
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INTERNATIONAL CLASSIFICATION

51	G06Q
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FULL NAME(S) OF APPLICANT(S)

71	VISHWAKARMA INSTITUTE OF INFORMATION TECHNOLOGY SURVEY NO. 3/4, KONDHWA (BUDRUK) PUNE, MAHARASHTRA, 411048, India
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FULL NAME(S) OF INVENTORS(S)

72	1. WAWAGE, PAWAN SUBHASH 2. DESHPANDE, YOGESH 3. NAZIRKAR, Shardul 4. SHINDE, Harsh Pratap 5. PATIL, Chetan Dipak 6. SHELKE, Priya M.
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TITLE OF INVENTION

54	<b>A SYSTEM FOR DRIVER BEHAVIOUR AND USAGE BASED INSURANCE</b>
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REPUBLIC OF SOUTH AFRICA  
PATENTS ACT, 1978  
**PUBLICATION PARTICULARS AND ABSTRACT**  
[Section 32(3)(a) – Regulation 2291)(g) AND 31]

OFFICIAL APPLICATION NO.		LODGING DATE	ACCEPTANCE DATE
21	01	22	2022/10/10
<b>2022/11045</b>			

INTERNATIONAL CLASSIFICATION	NOT FOR PUBLICATION
51	G06Q
	CLASSIFIED BY: Wolmarans and Susan Inc.

FULL NAME(S) OF APPLICANT(S)	
71	VISHWAKARMA INSTITUTE OF INFORMATION TECHNOLOGY SURVEY NO. 3/4, KONDHWA (BUDRUK) PUNE, MAHARASHTRA, 411048, India

FULL NAME(S) OF INVENTORS(S)	
72	1. WAWAGE, PAWAN SUBHASH 2. DESHPANDE, YOGESH 3. NAZIRKAR, Shardul 4. SHINDE, Harsh Pratap 5. PATIL, Chetan Dipak 6. SHELKE, Priya M.

EARLIEST PRIORITY CLAIMED		DATE
COUNTRY	NUMBER	
33	31	32

TITLE OF INVENTION	
54	A SYSTEM FOR DRIVER BEHAVIOUR AND USAGE BASED INSURANCE

57	The present invention provides a machine learning model that will help us calculate the safety-scores of drivers/customers based on where and how the vehicle has been driven. We plan to achieve this using the data collected from sensors that are present on our smartphones. The project follows agile methodology. The tools and technologies used are: Python for building the machine learning model, Firebase for real-time Database, Google cloud platform for model deployment, Visual Studio Code for building and implementing machine learning algorithm, and Postman for API Services along with flask.
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