



Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020102832

The Commissioner of Patents has granted the above patent on 16 December 2020, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

RAVICHANDRAN C. G. of VIVEKANANDA COLLEGE OF TECHNOLOGY, FOR WOMENS TIRUCHENGODE
TAMILNADU 637205 India

PALANI K. of Shadan Women's College, Engineering And Technology Hyderabad Telangana 500004 India

JOHN PAUL P. of DEPARTMENT OF EC, MALLA REDDY COLLEGE ENGINEERING HYDERABAD
TELANGANA 500100 India

KEZIA RANI B. of IT VASAVI COLLEGE, OF ENGINEERING HYDERABAD TELANGANA 500089 India

NARESH KUMAR M. of ECE, VARDHAMAN, COLLEGE OF ENGINEERING HYDERABAD TELANGANA
501218 India

SARAVANA BHAVAN C. of CSE, KONGUNADU COLLEGE OF ENGINEERING, AND TECHNOLOGY TRICHY
TAMILNADU 621215 India

KAVITHA K. of ECE, MOTHER THERESA INSTITUTE OF ENGINEERING, AND TECHNOLOGY
PHALAMANER ANDRAPRADESH India

RATHINAM V. of AUTOMOBILE, ENGINEERING VNR VIGNAN JYOTHI, INSTITUTION OF ENGINEERING
TECHNOLOGY HYDERABAD TELANGANA India

ZAMEER GULZAR of DEPT OF, COMPUTER APPLICATIONS, BSAR, CRESCENT INSTITUTE OF SCIENCE
AND TECHNOLOGY, VANDALUR CHENNAI TAMILNADU 600048 India

VANI S. of ECE VIVEKANADHA, COLLEGE OF TECHNOLOGY FOR WOMEN TIRUCHENGODE TAMILNADU
637205 India

Title of invention:

AN IOT BASED LPG CYLINDER WAREHOUSE MONITORING SYSTEM ALONG WITH BOOKKEEPING OF
REFILLING OF CYLINDERS

Name of inventor(s):

C. G., RAVICHANDRAN; K., PALANI; P., JOHN PAUL; B., KEZIA RANI; M., NARESH KUMAR; C., SARAVANA
BHAVAN; K., KAVITHA; V., RATHINAM; GULZAR, ZAMEER and S., VANI

Term of Patent:

Eight years from 17 October 2020

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 16th day of December 2020

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.

[Home](#)[Quick](#) [Structured](#) [Advanced](#)

Search Results

Your search for **2020102832** returned **1** result.

null quickSearch

	Application number	Title	Applicant(s)	Inventor(s)	Filing date	Application status
1	2020102832	AN IOT BASED LPG CYLINDER WAREHOUSE MONITORING SYSTEM ALONG WITH BOOKKEEPING OF REFILLING OF CYLINDERS	B., KEZIA RANI DR; C. G., RAVICHANDRAN DR; C., SARAVANA BHAVAN DR; GULZAR, ZAMEER DR; K., KAVITHA DR; K., PALANI DR; M., NARESH KUMAR DR; P., JOHN PAUL DR; S., VANI MISS; V., RATHINAM DR	C. G., RAVICHANDRAN; K., PALANI; P., JOHN PAUL; B., KEZIA RANI; M., NARESH KUMAR; C., SARAVANA BHAVAN; K., KAVITHA; V., RATHINAM; GULZAR, ZAMEER; S., VANI	2020-10-17	GRANTED

This data is current as of **2022-02-15 18:00 AEDT**.

[Home](#)[Quick](#) [Structured](#) [Advanced](#)

Application Details

2020102832

: AN IOT BASED LPG CYLINDER WAREHOUSE MONITORING SYSTEM ALONG WITH BOOKKEEPING OF REFILLING OF CYLINDERS

BIBLIOGRAPHIC DATA

Application details

Australian application number	2020102832	Patent application type	Innovation		
Application status	GRANTED	Paid to date	2022-10-17	First IPC Mark	G01F 23/20 (2006.01)
Currently under opposition	No	Proceeding type(s)			
Invention title	AN IOT BASED LPG CYLINDER WAREHOUSE MONITORING SYSTEM ALONG WITH BOOKKEEPING OF REFILLING OF CYLINDERS				
Inventor(s)	C. G., RAVICHANDRAN ; K., PALANI ; P., JOHN PAUL ; B., KEZIA RANI ; M., NARESH KUMAR ; C., SARAVANA BHAVAN ; K., KAVITHA ; V., RATHINAM ; GULZAR, ZAMEER ; S., VANI				
Agent name	Patentable	Address for legal service	NSW 1230 Australia show full address		
Filing date	2020-10-17	Australian OPI date	2021-01-07	OPI published in journal	
Effective date of patent	2020-10-17	Expiry date	2028-10-17		
Additional/Divisional application number	Additional/Divisional relationship				

Applicant details

Applicant	K., KAVITHA DR	Applicant address	ANDRAPRADESH India
Applicant	S., VANI MISS	Applicant address	TAMILNADU 637205 India
Applicant	GULZAR, ZAMEER DR	Applicant address	TAMILNADU 600048 India
Applicant	V., RATHINAM DR	Applicant address	TELANGANA India
Applicant	C., SARAVANA BHAVAN DR	Applicant address	TAMILNADU 621215 India
Applicant	M., NARESH KUMAR DR	Applicant address	TELANGANA 501218 India
Applicant	B., KEZIA RANI DR	Applicant address	TELANGANA 500089 India
Applicant	P., JOHN PAUL DR	Applicant address	TELANGANA 500100 India
Applicant	K., PALANI DR	Applicant address	Telangana 500004 India
Applicant	C. G., RAVICHANDRAN DR	Applicant address	TAMILNADU 637205 India
Old name(s)			

IPC details

Int Cl.	Version	First Mark
G01F	23/20 (2006.01)	Y
F17C	13/02 (2021.01)	N
F17C	13/12 (2021.01)	N
G06Q	10/08 (2021.01)	N
G08B	21/16 (2006.01)	N
G16Y	40/10 (2020.01)	N

Priority details

Earliest priority date	Type	Number	Filing date	Priority date
2020-10-17				

Associated provisional(s)

Provisional number	Title	Filing date
--------------------	-------	-------------

SPECIFICATION/E-REGISTER

History of Published Specifications:	Download Specification(AU-A4)	Explanation of Specification Codes
View an Extract of the Register for this patent.		

EDOSSIER

Document Date	Document Title	Document Type	Document Status	File Size (KB)
2020-12-16	Innovation Patent Certificate 16-12-2020	CORRO OUT	FILED	1826
2020-12-16	Innovation Patent Notice of Grant 16-12-2020	CORRO OUT	FILED	269
2020-12-10	Application Complies with Formalities 10-12-2020	CORRO OUT	FILED	151
2020-12-09	Change Agent - Allow 09-12-2020	CORRO OUT	FILED	184
2020-12-09	Change Agent - Notify Old Agent 09-12-2020	CORRO OUT	FILED	176
2020-12-09	Cover Sheet Formalities Response 09-12-2020 SPBM-0002426783	OTHER	FILED	5
2020-12-09	Formalities Response 09-12-2020 SPBM-0002426783	OTHER	FILED	509
2020-12-09	Req Change Agent 09-12-2020 SPBM-0002426783	OTHER	FILED	508
2020-12-09	Req Change Agent 09-12-2020 SPBM-0002426783	OTHER	FILED	4
2020-12-09	SPEF-0004614273 - Main Document	CORRO IN	FILED	39
2020-12-09	SPEF-0004614273 - Main Document	CORRO IN	FILED	39
2020-11-19	Claim Acc-OPI 2020102832	CLAIM	ACCEPTED	53
2020-11-19	Combined Abstract Acc-OPI 2020102832	ABSTRACT	ACCEPTED	59
2020-11-19	Description Acc-OPI 2020102832	DESCRIPTION	ACCEPTED	397
2020-11-19	Drawing Acc-OPI 2020102832	DRAWING	ACCEPTED	476
2020-11-19	Formalities Report 19-11-2020	CORRO OUT	FILED	181
2020-10-27	Innovation Patent Application Filing Receipt 27-10-2020	CORRO OUT	FILED	349
2020-10-17	Abstract 17-10-2020 SPBI-0002377112	ABSTRACT	FILED	23
2020-10-17	Claim 17-10-2020 SPBI-0002377112	CLAIM	FILED	53
2020-10-17	Cover Sheet App Inov 17-10-2020 SPBI-0002377112	OTHER	FILED	6
2020-10-17	Description 17-10-2020 SPBI-0002377112	DESCRIPTION	FILED	397
2020-10-17	Drawing 17-10-2020 SPBI-0002377112	DRAWING	FILED	476
2020-10-17	Note Entlmnt 17-10-2020 SPBI-0002377112	NOTE ENTLMNT	FILED	5
2020-10-17	Patent Request 17-10-2020 SPBI-0002377112	PATENT REQUEST	FILED	6
2020-10-17	SPEI-0004531406 - Main Document	CORRO IN	FILED	72

LIFECYCLE DETAILS

Early termination details

Status	Date applied	Published date
Reason		

Exam details

Prior art documents		
Exam request filing date	Request type	Exam request status
First report date	Examination section	Further report date
Third party examination request date		

Acceptance details

Acceptance date	2020-12-11
-----------------	------------

Certification details

Granting details

Deferment of granting	No	Granting date	2020-12-16	Granted published date	2021-01-07
-----------------------	----	---------------	------------	------------------------	------------

Extension of time

Status	Type
From date	To date
Application filing date	Application published date
Allowance date	Allowance published date

Conversion details

Date converted		
From application number	Application type	
To application number	Application type	Application status

FEE/PUBLICATION HISTORY

Continuation/Renewal fee history

Date paid	Paid to date	2022-10-17	Next fee due	2	Fee Table
Last agency address					

Publication history

Vol/Iss	Publication date	Publication action	Reason	Document kind
35/1	2021-01-07	Innovation Patents OPI		AU-A4
35/1	2021-01-07	Patent Granted - Innovation Patents		
34/44	2020-11-05	Innovation Application Filed		

OWNERSHIP DETAILS

Change of ownership

New name	Old name
Date of request	Date of allowance of name change
Date published	Reason

Licence details

Licence status	Type of licence	Term of licence
Licensee(s)		

Mortgage details

Mortgage status	Mortgagee(s)

OPPOSITIONS, DISPUTES & AMENDMENTS

Voluntary amendments

Status	Request date	Request published date
Allowance date	Allowance published date	

Current Oppositions and Disputes

--

Completed Oppositions and Disputes

--

Re-examination

--

Court ordered amendments

Court order date	Court name and order number

[Subscribe to notification service](#)

[Submission of Relevant Material \(S27, S28\)](#)

This data is current as of **2022-02-15 18:00 AEDT**.