

## Patents by Dr. Ved Vyas Jayprakashnarayan Dwivedi

**1. Inventors: Ashish M Kothari, Vedvyas Dwivedi;**

International classification: G06K9/00;

PATENT APPLICATION PUBLICATION INDIA,

Application No. 3545/MUM/2012 A,

Date of filing of Application: 17/12/2012,

Publication Date: 27/06/2014

**Title of the invention:**

DIGITAL VIDEO WATERMARKING USING TRIPLE TRANSFORM

**2. Inventors: Dhaval Bhojani, Vedvyas Dwivedi;**

International classification: H04N7/26, H04N1/41,

PATENT APPLICATION PUBLICATION INDIA,

Application No. 3544/MUM/2012 A,

Date of filing of Application: 17/12/2012,

Publication Date: 27/06/2014

**Title of the invention:**

DIGITAL VIDEO COMPRESSION ALGORITHM  
USINGHYBRID TRANSFORMATION

**3. Inventors: Vedvyas Dwivedi, S Sreenath Kashyap ;**

International classification :H01Q1/38, H01Q1/22

PATENT APPLICATION PUBLICATION INDIA,

Application No.201721012019 A

Date of filing of Application: 03/04/2017;

Publication Date: 12/05/2017

**Title of the invention :**

PLANAR ANTENNAS FOR TERAHERTZ FREQUENCY APPLICATIONS

**4. Inventors: Vedvyas Dwivedi, S Sreenath Kashyap ;**

International Classification: 01Q15/14 ,

Application No.201721016918 A,

PATENT APPLICATION PUBLICATION INDIA,

Date of filing of Application :15/05/2017, Patent Publication Date : 02/06/2017 **Title**

**of the Invention:**

STACKED PATCH TRIO DEFECTIVE GROUND STRUCTURE ANTENNA  
(TDGS-A) CONFIGURATION FOR S-BAND FREQUENCY APPLICATIONS.

**5. Inventors: Vedvyas Dwivedi, S Sreenath Kashyap ;**

International classification :H01Q5/00,

Application No.201721016924 A,

PATENT APPLICATION PUBLICATION INDIA,

Date of filing of Application: 15/05/2017 ,

Publication Date : 23/06/2017

**Title of the Invention :**

STACKED PATCH DEFECTIVE GROUND ARRAY ANTENNA  
CONFIGURATION FOR ISM BAND APPLICATIONS

6. **Inventors:** Smita Bannerjee, **Vedvyas Dwivedi** ;

International classification :H04N1/191,

Application No.201721016911 A, PATENT

APPLICATION PUBLICATION INDIA,

Date of filing of Application: 15/05/2017,

Publication Date : **08/09/2017**

**Title of the Invention :**

MODELING AN OPTIMIZED ADAPTIVE LINEAR ANTENNA ARRAY

7. **Inventors:** Rohit Thanki, **Vedvyas Dwivedi**, Komal Borisagar;

International classification :G06K9/00,G06F21/32,

Application No. **201621015708 A**,

PATENT APPLICATION PUBLICATION INDIA,

Date of filing of Application: 05/05/2016,

Publication Date : **10/11/2017**,

**Title of the Invention :**

MULTIPLE BIOMETRIC DATA AUTHENTICATION USING  
COMPRESSIVE SENSING AND WATERMARKING