

CMRS, Publication – 1970

PATENTS

1.	Gupta, R, N. Singh, B, & Sinha, K, N.	A Hydraulic Prop Incorporating Load Indicating Device	124951	21/01/1970
2.	Singh, B & Verma, B, P.	Modified Expansion Shell-type roof Bolt	104389	21/02/1969
3.	Sarkar, & Tarafder, B Ghara, G Lakshiminarayanan & Pillai, V, R.	Electrical Relay tester.	113744	02/8/1969
4.	Tarafder, R, N Sarkar, P, G, Ghara, V, R Pillai, & Lakshminarayanan, G	Cable Fault Locator.	113745	22/09/1969
5.	Singh, B, & Saxena, N, C.	Friction Prop.	102480	12/11/1970
6.	Singh, B	Electrical Roof bolt Load Cell (M-section)	102603	22/11/1970

Papers Publication – 1970

(ABROAD)

1.	Sheorey, P, R.	Effect of Specimen Size on Compressive Strength of Coal	International Journal of Rock Mechanics and Mining Sciences	February, 1970
2.	Ramanathan, S.	Flameproof and Intrinsically Safe Electrical Equipment.	Mining Technology (U K)	May, 1970
3.	Sinha, K, N & Singh, B.	Trend of Investigations of Mining in India.	International Mining Congress	June, 1970
4.	Banerjee, S, C Banerjee, B, D & Chakravorty, R, N	Rate Studies of Aerial Oxidation of coal at Low Temperature.	Fuel, (U K)	July, 1970

INDIAN

1.	Ramaswamy, T, Sarkar, S, K & Singh, B	Can Our Existing Lab our Set- up Cope with Intensive Mechanist ion in Mining	Mining Magazine (Varanasi)	Vol. 2 1970
2.	Datey, U, W	Do Indian Collieries Need Mechanizations	Mining Magazine	Vol. 2, 1970
3.	Sarkar, S, K & Singh, B	Index of Concentration on Faces a Measure of the Success of Long wall Mechanization in India	Mining Magazine	Vol. 2, 1970
4.	Ali, S, V & Singh, B.	Evolution of Coal Ploughs	Mining Magazine	Vol. 2, 1970

5.	Baliga, B, D	High Speed Driving of Roadway in Russian Mines and Its Economics	Mining Magazine	Vol. 2 1970
6.	Saxena, N, C & Singh, B	Anderton shearer in Curved and Stowed Long wall Faces in India	Mining Magazine	Vol. 2 1970
7.	Raju, N, M. & Singh, B	A Comparative Study of the Mechanised and Conventional Methods of Working in a Group of Collieries.	Mining Magazine	Vol. 2 1970
8.	Raju, N, M & Singh, B	Roof Control in Mechanised Mines in India	Mining Magazine	Vol. 2, 1970
9.	Singh, T, N & Singh, B.	Strata Control with High rate of Face Advance	Mining Magazine	Vol. 2, 1970
10.	Ramaswamy, & Singh, B	The Importance of Pro-determination of Subsidence Effects with Mechanised Caving Methods of Working	Mining Magazine	Vol. 2, 1970
11.	Ali, S, V & Raju, N, M	Investigation on the Use of Recoverable Wedge – type Roof Bolts During Splitting Operations in a Mechanised Coal Mine	Mining Magazine	Vol. 2, 1970
12.	Thakur, D, N & Singh, V	Secondary Breaking of Rocks in Mechanised opencast mine	Mining Magazine	Vol. 2, 1970
13.	Sheorey, P, R. & Singh, B	Some recent pillar Design Formulae and their Applicability to Indian Coal Mines	Journal of Mines Metals & Fuels, (Calcutta)	February, 1970
14.	Thakur, D, N	Design of Benches in Mechanised Opencast Mines	Journal of Mines Metals & Fuels	May, 1970
15.	Datey, U, W	Organisation and Productivity	Journal of Mines Metals & Fuels	June, 1970
16.	Datey, U, W	Coal Loading at Faces in Indian Coal Mines	Journal of Mines Metals & Fuels	June, 1970
17.	Ajai,	Operational Research	Journal of Mines Metals & Fuels	June, 1970
18.	Gupta, R, N & Singh, B	Design and Performance of Spiral Chute Installations in India and Abroad	Journal of Mines Metals & Fuels	July, 1970
19.	Bandyopadaya, M & Chakraborty, M, K	A Mathematical Model for Measuring Mass/Number Index of reparable Airborne Coal Dust	Journal of Mines Metals & Fuels	July, 1970
20.	Rajwar, D, P Ghosh, S, K & Ghosh, A, k	Use of CO Detector Tubes Developed at Central Mining Research Station Dhanbad for the Estimation of Very Low Concentration of the Gas.	Journal of Mines Metals & Fuels	September, 1970
21.	Sinha, B, Raju, N, M & Singh, B.	Use of Seismitron Amplifier to Determine Stability of Mine	Journal of Mines Metals & Fuels	September, 1970

		Workings in India		
22.	Roy, P, R Tarafdar, M, N	Corrosion in Mine Wire Ropes	Journal of Mines Metals & Fuels	November, 1970
23.	Singh, T, N & Singh, B.	Load and Convergence Measurement in Worked Out Areas in Mines A Critical Review	Journal of Mines Metals & Fuels	January, 1971