

AUTHOR INDEX.

- ADAMSON, J. N., on geophysical prospecting, 355
- AGNEW, Sir Andrew, presentation of Cadman Medal, 408
- AULD, S. J. M., on plant protection, 216
- AULT, W. S., Automatic Control of Refinery Operations, 598
- BAILEY, A. S., BRYANT, K. C., HANCOCK, R. A., MORRELL, S. H., and SMITH, J. C., The Ten Dimethylnaphthalenes, their Physical Properties, Molecular Compounds and Ultra-Violet Spectra, 503
- BANKS, F. R., on aero gas turbines, 306
- BASS, E. L., on aero gas turbines, 306
- BEDFORD, H. E., on oil fires, 197
- BISKE, V., on hydrogenation processes, 487
- BRAME, J. S. S., on By-Laws, 585, 586, 587
- , on gear-box lubrication, 26
- BRESTON, J. N. *See* GAUGER, A. W.
- BRYANT, K. C. *See* BAILEY, A. S.
- BURGESS, S. G., The Chemical Aspects of the Petroleum Acts, 363
- BURGOYNE, J. H. and KATAN, L. L., Fires in Open Tanks of Petroleum Products: Some Fundamental Aspects, 158, 186, 187, 188, 189, 190, 191
- , on oil fires, 200
- CADMAN, W. H., on hydrogenation processes, 487
- on oil fires, 199
- CAMERON, I., on aero gas turbines, 324
- CARLILE, J. H. G., on soap-in-hydrocarbon systems, 101
- *See also* CAWLEY, C. M.
- CAWLEY, C. M., CARLILE, J. H. G., KING, J. G., and KINGMAN, F. E. T., Aluminium Stearate Gels in Light Hydrocarbon Oils, 649
- , —, —, Aluminium Stearate Gels for Use as Flame-Thrower Fuels, 721
- , on hydrogenation processes, 483
- CHANTEAUD, G., on oil fires, 148, 152, 198, 199
- CHANTER, E. E., on oil fires, 147
- CHILVERS, C., on By-Laws, 585
- CLARK, N. O., THORNTON, E., and LEWIS, J. A., Experiments on the Rate of Foam Application to Petrol Fires, 192, 197
- CLAYTON, D., on gear-box lubrication, 30
- COLE, L. W. L., Petroleum Products in Agriculture: The Role of Petroleum in Plant Protection, 203, 214, 215, 217
- COLES, K. F., Naphthenic Acids: Boiling Points and Distribution in Gas Oil Distillates, 325
- *See also* HANSON, T. K.
- CRAIG, A. B., on oil fires, 155
- DABELL, A. F., on By-Laws, 586
- , on oil fires, 157
- DARLEY, H. C. H., The Application of the Principles of Clay Chemistry to Problems Encountered when Drilling in Trinidad Clays, 219
- DAVIS, R., on geophysical prospecting, 355
- DAVEY, W., A New Method for the Presentation of Test Results on the Four Ball Machine, 574
- , Some New Extreme Pressure (E.P.) Lubricating Oil Additives containing Chlorine and Sulphur, 527
- , The Extreme Pressure (E.P.) Lubricating Properties of Some Bromine and Iodine Compounds, Alone and in Presence of Sulphur, with Observations on the Mechanism of the Development of E. P. Properties, 673
- DEWHURST, T., on geophysical prospecting, 343
- DRINKWATER, J. W., on aero gas turbines, 309
- DUNSTAN, A. E., on aromatics from petroleum, 435, 437
- DYSON, G. M., The Application of a New Notation to Petroleum Hydrocarbons, 356
- EGERTON, Sir Alfred, on oil fires, 188
- EGLOFF, G. *See* READ, D.
- ELLIOTT, J. S., on gear-box lubrication, 31
- ELLIS, E. G., on plant protection, 214
- EVANS, E. A., on aero gas turbines, 313
- , on gear box lubrication, 26, 28, 37
- EVANS, P., on geophysical prospecting, 353
- FALMOUTH, Viscount, on oil fires, 199
- FARRELL, J. E., on oil fires, 150, 151
- FINCH, H., on oil fires, 146
- GARNER, F. H., Liquid Fuels and Chemical Products from Coal, 678
- *See also* WOOD, G. F.

- GAUGER, A. W., and BRESTON, J. N., Solvent Extraction of Indene and Coumarone from Coal Tar Light Oils, 687
- GILBERT, C. L., on plant protection, 213
- GOHR, E. J. *See* MURPHREE, E. V.
- GOLDSSTEIN, R. F., on gear-box lubrication, 31
- GOODFELLOW, A. J., on aromatics from petroleum, 438
- , on printing inks, 545
- GOODWIN, A. F., on oil fires, 152
- GORDON, K., Development of Hydrogenation and Fisher-Tropsch Processes in Germany, 469, 484, 485, 487, 488
- GORDON, R. R., POWELL, H., and TADAYON, J., Spectroscopic Analysis: Application of the Hydrogen Discharge Lamp to Analysis of Mixtures of C_8 Aromatic Hydrocarbons, 103
- GOSSLING, P. W. L., on gear-box lubrication, 28
- GRUNBERG, L., on soap-in-hydrocarbon systems, 97
- HALL, C. C., and SMITH, S. L., Hydrocarbon Synthesis in the Presence of Cobalt Catalysts at Medium Pressures, 439
- HALL, F. J. S., on printing inks, 549
- HANCOCK, R. A. *See* BAILEY, A. S.
- HANSON, T. K., and COLES, K. F., The Effect of Sulphur and Phosphorus on Aviation Fuel Performance, 589
- , *See also* HEATON, W. B.
- HAVE, C. D. Ten. *See* HEERTJES, P. M.
- HAWKEY, J. A. L., on printing inks, 548
- HAWTHORNE, E. P., on aero gas turbines, 319
- HEALEY, A. C., and IVANOVSKY, L., Petroleum Products in the Printing Ink and Allied Industries, 532, 545, 546, 547, 548, 549, 550, 551
- HEATON, W. B., HANSON, T. K., and MORRIS, R. C., The Oxygen Boost Method of Rating the Engine Performance of Aviation Fuels, 256
- HEERTJES, P. M., HAVE, C. D. Ten, and LOCK, J. J., The Oxidation of Transformer Oil, 552
- HESSELS, W. J. *See* WATERMAN, H. I.
- HOARE, K. N., on oil fires, 147, 148
- HOUGHTON, F., on oil fires, 187
- HUNT, K. C., on aero gas turbines, 320
- HUTCHINSON, J. H., on oil fires, 147, 149, 151, 152, 186, 189
- HYAMS, H., on By-Laws, 584, 586
- HYDROCARBON RESEARCH GROUP, Review of Progress, 1945 to 1947, 580
- IDLE, H. A., on printing inks, 546
- IVANOVSKY, L. *See* HEALEY, A. C.
- IVES, H. C., on gear-box lubrication, 38
- JACKSON, F. W., on oil fires, 187, 191
- JACKSON, J. S., on soap-in hydrocarbon systems, 94, 100
- JEFFRIES, —, on aero gas turbines, 322
- JOHNSTON, —, on aero gas turbines, 324
- JOHNSTONE, A. H., on oil fires, 147
- KATAN, L. L. *See* BURGOYNE, J. H.
- KAULAKIS, A. F. *See* MURPHREE, E. V.
- KELLY, C. I., on gear-box lubrication, 33
- KERR, P., on printing inks, 545, 548, 549
- KING, J. G. *See* CAWLEY, C. M.
- KINGMAN, F. E. T. *See* CAWLEY, C. M.
- KIRBY, E. A., on oil fires, 147
- LANCASHIRE, E. P. Fires and Explosions at Oil Installations, 132, 149, 150, 151, 152, 153, 154, 155, 156
- , on oil fires, 186, 190, 196
- LEWIS, J. A. *See* CLARK, N. O.
- LOCK, J. J. *See* HEERTJES, P. M.
- MANSION, H. D., on gear-box lubrication, 29
- MARDLES, E. W. J., on soap-in-hydrocarbon systems, 94, 95, 100
- MARGOSCHES, K. G., on hydrogenation processes, 487
- MARTIN, J. W., on oil fires, 148
- MILLS, F. P., on oil fires, 146, 149, 156
- MOON, S. E. A., on printing inks, 550
- MORRELL, S. H. *See* BAILEY, A. S.
- MORRIS, G., on geophysical prospecting, 353
- MORRIS, R. C. *See* HEATON, W. B.
- MORTON, F., on printing inks, 546, 547, 548, 550
- , and RICHARDS, A. R., The Alkylation of *iso*Paraffins with Olefins in the Presence of Sulphuric Acid, 697
- MULLINS, B. P., The Vaporization of Fuels for Gas Turbines. Part II—Heat Quantities required to Vaporize Gas Turbine Fuels, 44
- MURPHREE, E. V., GOHR, E. J., and KAULAKIS, A. F., The Fluid Solids Technique: Applications in the Petroleum Industry, 608
- MURPHY, H. W., on aero gas turbines, 324
- NAGEL, R. H., on hydrogenation processes, 485
- NISSAN, A. H. *See* WOOD, G. F.
- NUTTALL, W. L. F., on geophysical prospecting, 352
- OGSTON, A. R., on aero gas turbines, 308
- PARKER, A., on hydrogenation processes, 467, 483, 485
- PARKER, J. S., The Crude Oil of England, 230
- PARTRIDGE, W. A., on aero gas turbines, 312

- POTTIER, A. W., on aero gas turbines, 321
 POWELL, H. *See* GORDON, R. R.
 PRACY, H. E. F., on oil fires, 149, 155, 191
 PRATTON, A. S., on oil fires, 149
 PROBERT, J. G., on aero gas turbines, 323
- RAMPTON, H. C., on aromatics from petroleum, 436
 RANKINE, A. O., on geophysical prospecting, 352
 READ, D. and EGLOFF, G., Refining South American Crudes, 621
 REANNEY, E. W., on oil fires, 149, 188
 REYNOLDS, J. G., Improved Method for the Interpretation of Experimental Data Obtained in Molecular Weight Determinations of Petroleum Fractions, 491
 RICHARDS, A. R. *See* MORTON, F.
 RIDDELL, G. L., on printing inks, 544, 549, 551
 RIDLER, K. E. W., on aero gas turbines, 310
 ROGERS, J., on oil fires, 185
 ROMNEY, J., on gear-box lubrication, 32
 RUSSELL, R. P., Progress in Petroleum Research, 391
- SMITH, J. C. *See* BAILEY, A. S.
 SMITH, S. L. *See* HALL, C. C.
 SOLTZ, C. D., on aero gas turbines, 321
 SOIL STABILIZATION PANEL, Second Report on Tests for Soil Stabilization, 113
 SPENCE, H. G., on aero gas turbines, 314
 —, on soap-in-hydrocarbon systems, 99
 SQUIRE, E. S., on aero gas turbines, 323
 STANSFIELD, R., on gear-box lubrication, 33
 STEENIS, J. van. *See* WATERMAN, H. I.
 STEINER, H., Aromatics from Petroleum, 410, 436, 437, 438
 STRADLING, —, on aero gas turbines, 323
- TADAYON, J. *See* GORDON, R. R.
 TETT, on By-Laws, 583, 585
 —, on hydrogenation processes, 489
 THISTLETON, T., on aero gas turbines, 315
 THOMAS, D. W., on aero gas turbines, 323
 THORNTON, E., on aero gas turbines, 314, 324
 —, on aromatics from petroleum, 437
 —, on by-laws, 587
 —, on gear-box lubrication, 30
 —, on oil fires, 152, 154, 158, 186, 187, 188, 190, 197
 —, on plant protection, 215
 THORNTON, E., on soap-in-hydrocarbon systems, 101
 —. *See also* CLARK, N. O.
 TWEED, R. R., on By-Laws, 587
- VARLEY, T. A., on oil fires, 150, 151, 152
- WARD, R. J., on oil fires, 150, 151
 WARNE, E. H., on aero gas turbines, 316
 WATERMAN, H. I., HESSELS, W. J., and STEENIS, J. van, Explosive Decomposition of Ethene, 254
 WEELDEN, A. van, Modern Developments in Geophysical Prospecting, 344, 352, 353, 354, 355
 WHITFIELD, G. W., on printing inks, 545
 WILFORD, A. T., The Lubrication of Pre-Selective Gear-Boxes, 1, 39
 WILLIAMS, C. G., Fuels and Lubricants for Aero Gas Turbines, 267, 317, 322, 323, 324
 WILMOTH, V. J., on oil fires, 149, 189
 WOLF, A., on gear-box lubrication, 34
 WOOD, G. F., NISSAN, A. H., and GARNER, F. H., Viscometry of Soap-in-Hydrocarbon Systems, 71, 96, 97, 99, 100, 101
- ZAKY, Y., on printing inks, 546