

NO.	DATE	NAME	DEPT.	SUBJECT
1	'68	Cessna, D	Gen. Sci.	The Earth, its size, shape & motions.
2	"	Tuttle, A. H.	" "	On some remains found in a cave in Penn's Valley, Centre Co., Penna.
3	'71	Burrows, F. S. (with McCreary)	" "	A dissertation on iron, its metallurgy, etc.
38	'92	Meek, E. K.	Lat. Sci.	Compar. of the nervous system of the pupal and adult ant.
62	'94	Doweer, H. P.	Min. Eng.	Report of the examination of sterling coal mine No. 8.
77	'95	Beaver, H. McA. (with Willand)	Gen. Sci.	A geologic Section of Centre County.
87	'95	Harris, J. L. (with Williams)	Min. Eng.	Plan for the development of the "Williams" Coal Co. property, 8 maps.
127	'97	Alexander, R.C.B.	" "	Examination of the Kittanning "B" coal seam & design of plant to clean it.
135	'97	Dunsmore, J. A.	" "	Development & equipment of coal property at Glen Richey.
136	'97	Hardt, C. W.	" "	Plan for the development of Anna S. Mine of the Fall Brook Coal Company.
161	'98	Beaver, T.	" "	Iron ores of Pennsylvania.
166	'98	Cadman, M. M.	Min. Eng.	An investigation into blast furnace lines.
167	'98	Campbell, J. W.	" "	An investigation into formulae for the design of fans.
195	'99	Finley, W. H. (with Sherer)	" "	Comparative heating values of coals determined by analysis and by calorimeters.
205	'99	Rex, R. V.	" "	Development of a certain lead-silver mine in Montana.
240	'00	Brady, B. C.	" "	Study of some Laboratory tests on gold and silver ores.
248	'00	Edwards, O. C.	Mech. Eng.	Experimental study of the combustion of bituminous coal.
253	'00	Hamilton, W. C.	Chem.	Critical study of the rational analysis of clay.

NO.	DATE	NAME	DEPT.	SUBJECT
267	'00	Young, L. E.	Min.Eng.	Comparison of the merits of the Longwall & Pillar & Room systems for Bituminous coal mining.
282	'01	Eynon, D. L.	" "	Flow of iron & steel.
297	'01	Nelson, H. R.	Chem.	Analysis of concretions from the Champlain clays of the Con.valley
298	'01	Pollock, W. C. (with Reed)	Min.Eng.	Assay of American & foreign silver ores and smelting products.
	"	Reed, G. K. (with Pollock)	" "	(same as above)
303	'01	Ruble, J. S.	Mech.Eng.	Study of the combustion of coal in a boiler furnace.
306	'01	Scholl, LeRoy	Min.Eng.	Anthracite coal breaker and the preparation of coal for market.
353	'03	Deike, G. H. (with Zern)	" "	Mapping of a bituminous coal mine with a discussion of its present and future development.
357	'03	Freeman, C. S.	" "	Extraction of copper from its ores.
360	'03	Glenn, H. G.	" "	Galena deposits of the United States.
388	'97	Alexander, C. B.	" "	The economic development of a bituminous coal mining plant.
406	'04	Grosman, H. M.	" "	Manufacture of coke.
407	'04	Detwiler, W. V.	" "	Study of Lord's method of testing coals for coking properties.
409	'04	Elder, P. G. (with Smith)	" "	Map of the Monarch mine and comments.
413	'04	George, H. C.	Mining	Appliances & methods used in the production of petroleum.
422	'04	Liljegren, E. P.	Gen.Sci.	Geology of Centre County.
424	'04	McCamant, B.	Min.Eng.	Study of methods used in obtaining silver from its ores.
427	'04	McKnight, H. F. (with Ray)	Mining	History & practice of the Bessemerizing of copper matter.
440	'04	Whitworth, E. A.	Min.Eng.	Open hearth processes.

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441	'04	Zullinger, J. E.	Min. Eng.	Study of the metallography of steel.
452	'05	Ames, C. D. (with McDowell & Robinson)	" "	Investigation of cyanide process for the extraction of gold from its ore.
458	'05	Barnett, R. P. (with Warriner)	Min. Eng.	Estimation of cost & plans of construction of an aerial tramway from Shingletown to State College.
470	'05	Saston, H. D.	Min. Eng.	Electrolytic processes for extracting copper from copper matter.
478	'05	Gates, F. S.	Min. Eng.	Chemical changes effected in pig iron by re-melting.
511	'05	Webster, G. E.	Min. Eng.	Uses & mode of occurrence of the iron ores & clays of Pennsylvania.
514	'01	Eynon, D. L.	Min. Eng.	Flow of iron & steel: discussion of apparatus in rolling mill processes, pt. 2.
531	'06	Bartlett, J. W.	Min. Eng.	Effect of remelting cast iron with different oxidizing agents.
532	'06	Braddeock, H. F.	Min. Eng.	Electrolytic deposition of nickel.
534	'06	Caswell, R. H. (with Dalburg & McGee)	Min. Eng.	Development of a bituminous coal mine.
535	'06	Clay, A. H. (with Gawkes)	Min. Eng.	Discussion of methods & appliances used in anthracite mining.
546	'06	Farrington, R. P.	Min. Eng.	Synthesis of manganese steel by making use of the thermit reaction.
554	'06	Gay, F. G.	Min. Eng.	Utilization of the limestone of Centre Co., Pa.
555	'06	Gilson, K. L.	Min. Eng.	Concentration test on Montana copper ore with a design of a 100 ton mill for its treatment.
557	'06	Glenn, G. C.	Min. Eng.	Metallography of a series of carbon steels.
598	'06	Mahaffey, D. G.	Min. Eng.	Discussion & design of a bituminous coal washery system.
604	'07	Brady, H. A. (with Daysher, German, Lang, Smith, Thompson)	Min. Eng.	Efficiency test on the Bellefonte blast furnace company's plant.
606	'07	Breslin, T. F.	Min. Eng.	Survey and development of the Amer. coal company's mines at Mesgrove.
613	'07	Culbertson, J. G.	Min. Eng.	Investigations on the methods of applying the cyanide process to a gold ore.

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616	'07	Lodge, D. D.	Min. Eng.	Survey & report of shaft No. 1 mine of the Morrisdale coal co. at Morrisdale, Pa.
625	"	Gunkle, R. K.	" "	A complete test of the Nittany Company's gas producer.
634	"	Lewis, H. M.	" "	Some investigations concerning the effects of moisture on the working of the Bellefonte Furnace Company's blast furnace.
647	"	Montz, H. W.	" "	Design & location of coal storage plant for Nittany Power Co., State College, Pa.
650	"	Powell, Eugene	" "	Method of water hoisting in anthracite mines of Pennsylvania.
662	"	Smith, H. I.	" "	Investigation of the value of a Portland cement property.
674	'99	Finley, W. H.	" "	Development of a coal property and geologic discussion of the field.
687	'08	Bixby, B. H.	Mines & Met.	A report on the Cornwall iron ore mines, Cornwall, Pa.
690	'08	Boyle, J. E.	" "	Design of a one hundred ton concentrating mill.
693	"	Burns, H. M.	" "	Survey & development of portions of the Criterion mine of the Westmoreland Coal Co. at Irwin, Pa.
698	"	Dillon, M. G.	" "	Report on the copper mines of Central Pennsylvania mining & milling company Central, Pa.
702	"	Dunn, W. T.	" "	Assaying of impure ores.
706	"	Garrett, A. J.	" "	An investigation of the method of applying the cyanide process for the extraction of gold from a gold ore.
707	"	Gebhardt, E. A.	" "	Experiments on the treatment of low grade silver ores, Cobalt, Canada.
712	"	Henry, J. T.	" "	Electricity in coal mining.
720	"	Lee, E. C.	" "	The preparation of anthracite coal.
729	"	O'Donnell, C. S.	" "	Prospecting and methods of mining at Cobalt, Canada.
730	"	Piper, C. H.	" "	Development of a mining property at Shingletown Gap, Pa.

NO.	DATE	NAME	DEPT.	SUBJECT
733	'08	Ryan, J. T.	Mines & Met.	Location of a branch of the Huntingdon & Broad Top R.R. from Coalmont, Pa. to the Savage coal property.
770	'09	Allport, R. H.	" "	Investigation of several coal samples.
774	"	Aungst, R. G.	" "	Development of the Lincoln mine.
777	"	Barnett, A. L.	" "	The development and equipment of a mine in the Lackawanna basin, Penna.
779	"	Bedale, F. E.	" "	The development and equipment of a mine in Grass Valley District, Calif.
789	"	Butler, T. R.	" "	The development and equipment of the Mickey copper mine near Butte, Mon.
796	"	Cyphers, S. L.	" "	The cost of prospecting, developing and equipping of the Pahaquarry copper mine.
804	"	Gleason, F. A.	" "	The development and equipment of a coal mine in the Lackawanna basin.
814	"	Lindemuth, L. B.	" "	A treatise on open hearth steel manufacture.
815	"	Lynch, J. H.	" "	The development and equipment of a bituminous coal property near Irwin, Pa.
820	"	Miller, F. B.	" "	Development and equipment of Leaver mine, Idaho.
824	"	Orndorff, C. R.	" "	The development and equipment of a mine in the Marquette district, Mich.
830	"	Purcell, G. F.	" "	The cyanide process and its application to a telluride gold ore.
831	"	Ricker, Spangler	" "	The prospecting and development of a copper mining property in the vicinity of Butte.
841	"	Yocum, C. G.	" "	The development and equipment of a lead mine in the Flat River district.
855	'08	Plank, W. B.	" "	The use and construction of mine models.
866	'10	Barbey, J. W.	Metallurgical.	Studies in the preparation & properties of iron carbon alloys.
867	"	Berkebile, F. H.	Min. Eng.	Development & equipment of the valley mine located near Johnstown, Pa.
868	"	"	" "	Development & equipment of the Josie coal mine near Scalp Level, Pa.

NO.	DATE	NAME	DEPT.	SUBJECT
870	*10	Bittenbender, F. E.	Min. Eng.	Development & equipment of the Star coal mine near Centralia, Pa.
876	"	Buka, Robert	" "	Development & equipment of the Hanneck mine near White Rock, Pa.
879	"	Clifford, F. C.	" "	Development & equipment of a bituminous coal mine near Marianna, Pa.
880	"	Cromwell, H. H.	" "	Development & equipment of a bituminous coal mine near Brownsville, Pa.
892	"	Gallinger, W. H.	" "	Development & equipment of the Boss mine, near Creighton, Pa.
893	"	Garner, C. A.	" "	Development of the Girard coal mine near Girardville, Pa.
900	"	Hickman, R. E. C.	Metall.	A study of the open-hearth steel manufacture.
902	"	Mirshman, C. L.	Min. Eng.	The development of the Golden Cycle annex mine located at Cripple Creek, Colo.
915	"	Leidich, H. A.	" "	The development & equipment of the Brook coal mine near Valley View, Pa.
916	"	Lloyd, E. C.	" "	Development of a bituminous coal mine near Bissell, Wash. Co., Pa.
917	"	Lyon, Paul	Metall.	Study of blast furnace operation.
919	"	McCleary, Edward	Min. Eng.	The development & equipment of a mine in the Metcalf district, Ariz.
921	"	McCoy, W. L.	" "	The development & equipment of a bituminous coal mine near White Rock, Pa.
933	"	Nichols, J. L.	Metall.	The commercial extraction of silver from speiss.
941	"	Reed, H. I.	"	A study of blast furnace phenomena.
942	"	Roberts, A. E.	Min. Eng.	Development & equipment of the Glyphant No. 2 mine, Blakely, Pa.
944	"	Russell, W. T.	" "	Development & equipment of the Dot coal mine.
948	"	Silverberg, S. A.	" "	The development & equipment of the Eva mine, Pa.
950	"	Smith, S. M.	Metall.	A study of the open hearth steel manufacture.
951	"	Sullivan, J. E.	"	A study of malleable cast iron.

NO.	DATE	NAME	DEPT.	SUBJECT
952	'10	Sutton, E. B.	Min. Eng.	Development & equipment of the Elk Run mine.
954	"	Vorhis, L. F.	" "	Development & equipment of the Rita coal mine.
955	"	Vought, H. H.	" "	Development & equipment of the Dale mine at Bridgeport, Pa.
956	"	Warner, H. E.	" "	Development & equipment of a mine in the anthracite coal basin, Wilkes-Barre, Pa.
957	"	Williams, F. E.	" "	Development & equipment of the Lydia coal mine near Indiana, Pa.
987	'11	Bourquin, J. J.	" "	Development & equipment of a mine in the western middle anthracite district near Mt. Carmel, Pa.
989	"	Bubb, H. H.	" "	Development & equipment of a mine in the Punxsutawney soft coal district.
992	"	Clark, J. O.	" "	Design of a 250 ton blast furnace to be located near Oak Hall, Pa.
995	"	Ellis, E. T.	" "	Development & equipment of a mine in the Punxsutawney-Reynoldsville soft coal district.
998	"	Forbes, J. J. V.	" "	Development & equipment of the Bear Valley mine near Mt. Carmel, Pa.
999	"	Foster, W. H.	Met.	Effect of silicon on the constitution of the alloys of iron and carbon.
1016	"	Lynch, E. J.	Min. Eng.	Development & equipment of the Fernwood coal mines in the middle anthracite coal fields near Pittston, Pa.
1024	"	Parke, W. D.	" "	Development & equipment of a mine in the northern anthracite coal district.
1027	"	Quickel, K. M.	" "	Development & equipment of the Virginia coal mine at Stearns, Kentucky.
1031	"	Shoemaker, G. C.	Met. Eng.	Design, construction & operation of a blast furnace for the manufacture of pig iron.
1042	"	Teckley, H. J.	" "	Design of a 500 ton blast furnace and plant to be located in the vicinity of Detroit, Mich.
1054	'08	Snider, J. B.	Mining	An investigation into the losses of silver during the operation of cupellation.

No.	DATE	NAME	DEPT.	SUBJECT
1065	'11	Boag, D. C.	Min. Eng.	Development & equipment of the Tug River coal mines, near Big Sandy, W. Va.
1075	"	Butler, R. A.	" "	Development & equipment of the Franklin coal property, Johnstown, Pa.
1086	"	Gray, Alexander	" "	Development & equipment of the Isabella mine No. 11 in Pittsburgh soft coal district.
1095	"	Lloyd, D. W.	" "	Development & equipment of a mine in the Pittsburgh soft coal district.
1101	"	Snyder, J. M.	" "	Development & equipment of the Isabella mine No. 1 in the Pittsburgh soft coal district.
1103	"	Steidle, Edward	" "	Development & equipment of a mine in the cobalt district, Ontario, Canada.
1115	'12	Arnold, M. C.	" "	Design of a 250 ton blast furnace and plant located at Seattle, Washington.
1119	"	Bevan, L. W.	Met. Eng.	Design of a 400 ton blast furnace & plant located at Sahara, Utah.
1123	"	Boger, Nelson	Min. Eng.	Development & equipment of a mine in middle anthracite coal field.
1126	"	Burgett, P. Y.	" "	Development & equipment of mine in Missouri lead district.
1129	"	Cathcart, S. H.	Met. Eng.	Design of a 300 ton blast furnace and plant to be located at Millerstown, Pa.
1141	"	Farenwald, B.	Min. Eng.	Development & equipment of mine in middle anthracite coal field of Penna.
1155	"	Handley, R. W.	" "	Development & equipment of the Edna copper mine in Arizona.
1169	"	King, Frank	" "	Development & equipment of Evening Star mine, Coeur D'Alene dist., Idaho.
1175	"	McNeil, J. W.	" "	Development & equipment of a mine in the Pittsburgh soft coal district.
1181	"	Pier, H. M.	Met. Eng.	Design of a 500 ton blast furnace and plant to be near Milwaukee, Wis.
1183	"	Rittenhouse, K. D.	Min. Eng.	Development & equipment of the Billy mine in Lackawanna Co., Penna.
1185	"	St. Clair, Stuart	Min. Geol.	Sudbury nickel field.

NO.	DATE	NAME	DEPT.	SUBJECT
1187	'12	Seip, R. H.	Min. Eng.	Development & equipment of a mine in the Wyoming Valley anthracite coal district.
1198	"	Tanguy, E. E.	" "	Development & equipment of a mine in the Bisbee copper district.
1201	"	White, W. F.	" "	Development & equipment of the Kismet lead mine in Frontenac Co., Ontario.
1204	"	Woodward, H. H.	" "	Development & equipment of a mine in the northern anthracite coal field.
1211	'07	German, H. M.	" "	Relation of the critical points A_1 & A_2 to the heat treatment of steel.
1217	'09	Lindemuth, L. B.	" "	Manufacture and properties of a natural alloy chrome-nickel steel.
1237	'13	Bachle, R. E.	" "	Development & equipment of Cole coal mining property in the Connellsville district.
1240	"	Bigham, R. F., Jr.	" "	Development of the Morella coal mine in the Pittsburgh soft coal district.
1251	"	Cadman, W. K.	Min. Geol.	The siliceous oolites of the Bellefonte quadrangle.
1252	"	Clarke, H. M.	Min. Eng.	Development & equipment of the U-B mine in the northern anthracite coal field of Pennsylvania.
1253	"	Cohen, Benjamin	" "	Development & equipment of a mine in the Joplin lead and zinc district.
1255	"	Darragh, B. A.	Met. Eng.	Design of a 500 ton blast furnace and plant at Bessemer, Pa.
1258	"	Ellis, J. H.	Min. Eng.	Development & equipment of Crab Run coal mine in Cambria county, Penna.
1266	"	Gosnell, W. H. Jr.	" "	Development & equipment of the Calcimine coal mine in the Connellsville soft coal district.
1271	"	Harrison, F. J.	" "	Development & equipment of the Bell mine, Pittsburgh soft coal district.
1272	"	Helm, R. C.	Met. Eng.	Design of a 350 ton blast furnace and plant to be located at Reby, Ill.
1276	"	Howell, John	" "	Design of a 450 ton blast furnace and plant to be located at Catasqua, Pa.
1287	"	Kocher, H. P.	" "	Design of a 300 ton blast furnace and plant.
1291	"	Leonard, H. R.	Min. Eng.	Development & equipment of Nipissing mine in Coleman township, Nipissing, Ont.

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1294	'13	Linn, T. C.	Met. Eng.	Design of a 300 ton blast furnace and plant to be located at Burgettstown, Pa.
1296	"	Malin, O. B.	" "	Design of a 300 ton blast furnace to be located at Bellefonte, Pa.
1298	"	Mauthe, J. L.	" "	Design of a 500 ton blast furnace and plant for the Humbug Iron Co. at Dubois, Pa.
1305	"	Page, G. R.	Min. Eng.	Development and equipment of the Vixen mine in the Globe district of Arizona.
1314	"	Rodgers, G. T.	" "	Development & equipment of Debia copper mine in the Butte, Mont. district.
1317	"	Selkregg, F. M.	" "	Development & equipment of a mine in the Sudbury nickel district.
1320	"	Skinner, D. K.	" "	Development & equipment of a mine in the Joplin lead & zinc district of Missouri.
1333	"	Vosburg, G. F.	Met. Eng.	Design of a 500 ton blast iron furnace and plant.
1337	"	Williams, A. C.	" "	Design of a 500 ton blast furnace to be located at New Castle, Penna.
1338	"	Williams, C. F.	Min. Eng.	Development & equipment of the Jerome No.3 mine at Jerome, Penna.
1339	"	Wilson, A. B.	" "	Development & equipment of the Knot mine in the Sudbury nickel district, Ontario.
1342	"	Lollinger, F. L.	" "	Development & equipment of the "C" copper mine in the Bisbee copper district, Arizona.
1348 ('10)		Fahrenwald, F. A.	Met. Eng.	Tellurium: a study of the element, its occurrence, compounds and alloys.
1350	'12	German, H. H.	" "	Cyanidation of the Cambrian, siliceous, blue ores of the Black Hills.
1358	'08	Lee, E. C.	Min. Eng.	The fire at the Consol colliery of the Hillside Coal & Iron Co. at Avoca, Luzerne Co., Penna.
1361	'07	Nason, H. D.	" "	The fighting of a mine fire in a bituminous coal mine.

NO.	DATE	NAME	DEPT.	SUBJECT
1364	'07	Smith, L. B.	Min. Eng.	Peculiar jointage caused by a peridotite dike in Fayette Co., Pa.
1386	'14	Becker, E. D.	" "	Development & equipment in the Michigan copper district.
1387	"	Belchic, George	Min. Geol.	Alder Gulch district, Montana.
1391	"	Brown, L. H.	Min. Eng.	Development & equipment of the Billy "B" mine, Galena, Kansas.
1393	"	Burdic, K. W.	" "	Development & equipment of "OK" mine in the Johnstown bituminous coal district.
1406	"	Synon, W. D.	" "	Development & equipment of the Betty and Billy mine, Cour d'Alene, Idaho.
1421	"	Graham, W. F.	Met. Eng.	Design of a 450 ton iron blast furnace and plant equipment.
1423	"	Haddow, J. F.	" "	Design & equipment of a 500 ton blast furnace & plant at Lebanon, Pa.
1425	"	Hayes, F. H.	Min. Eng.	Development & equipment of a mine in the Coeur d'Alene district of Idaho.
1435	"	Johnston, F. B.	Met. Eng.	Design of a 1000 ton blast furnace plant, located at Windsor, Ontario for Wolverine steel.
1440	"	Kulp, C. S.	Min. Eng.	Development & equipment of the Marwyn mine at Prosperity, Jasper Co., Missouri.
1445	"	Lindsey, W. M.	Met. Eng.	Design & development of a Talbot open hearth steel plant to produce steel rails.
1448	"	McCleary, E. J.	Min. Eng.	Development & equipment of a mine in the middle anthracite coal field of Penna.
1462	"	Reeder, R. D.	" "	Development & equipment of an anthracite coal mine in the middle western anthracite coal fields of Northumberland County, Penna.
1465	"	Rishell, F. W.	Met. Eng.	Design of a 100 ton copper smelter and refinery.
1467	"	Salmon, G. J.	Min. Eng.	Development & equipment of the El Oro mine in Tenopah, Lyon Co., Nevada.

NO.	DATE	NAME	DEPT.	SUBJECT
1475	'14	Smith, E. W.	Met. Eng.	Design of six seventy five ton open hearth furnaces and necessary plant equipment.
1479	"	Sullivan, L. G.	Min. Eng.	Development & equipment of Humboldt mine, Bisbee, Arizona.
1481	"	Thompson, H. B.	" "	Development & equipment of the Gerdolan mine of the Mac Mining Co., Butte, Mont.
1484	"	West, J. P.	" "	Development & equipment of an anthracite coal mine in western middle coal region of Penna.
1495	'09	Gleason, F. A.	" "	Robbing of pillars in the northern anthracite coal fields of Pennsylvania.
1511	'11	Steidle, Edward	" "	"Fluss-probe" self-contained oxygen breathing apparatus.
1527	'15	Campbell, L. C.	" "	Development & equipment of a mine in the Johnstown soft coal district.
1537	"	Dimelew, J. E.	" "	Development & equipment of a mine in the Pittsburgh soft coal district.
1539	"	Dunbar, J. E. D.	" "	Development & equipment of Rand mine, Stelson, Clark Co., Nevada.
1549	"	Finkeldey, W. H.	" "	Development & equipment of a zinc mine in Franklin furnace district, N.J.
1551	"	Flagg, H. V.	Met. Eng.	Design of a 500 ton blast furnace and plant for Streips Iron Co., at Indiana harbor, Ind.
1553	"	Fogg, L. W. Jr.	" "	Design of a 450 ton blast furnace and plant to be located at Edith Point, California.
1560	"	Greenawalt, G. W.	Min. Eng.	Development & equipment of the Scott mine in the Pittsburgh soft coal district.
1561	"	Harbach, H. M.	Met. Eng.	Design of a 450 ton blast furnace plant located at Sewaren, N. J. for the Sewaren Iron Co.
1564	"	Hays, C. M.	Min. Eng.	Development & equipment of a mine in the Pittsburgh soft coal district.
1569	"	Hutchinson, R. M.	Met. Eng.	Design of a 450 ton blast furnace plant located at Elizabeth, N. J. for Eliza Iron Co.
1583	"	Lowry, J. C. Jr.	Min. Eng.	Development & equipment of a mine in the Quamahoning soft coal district.

NO.	DATE	NAME	DEPT.	SUBJECT
1584	'15	Lueresen, G. V.	Met. Eng.	Design & operation of an open hearth steel plant to be located at Elizabeth, N. J.
1603	"	Kailber, N. H.	Min. Eng.	Development & equipment of Chartiers mine for Cannonsburg Coal Co., Wash. Co., Penna.
1605	"	Reed, A. R.	Met. Eng.	Design of a 500 ton blast furnace & plant to be located at Hazlewood, Pa.
1606	"	Rhoads, A. E.	" "	Design of a 500 ton copper plant including 125 ton smelter and 500 ton refinery.
1607	"	Roberts, O. M.	Min. Eng.	Development & equipment of Cherry Run mine for Cherry Run Mining Co., Indiana Co., Penna.
1696	'16	Brennen, G. K.	" "	Development & equipment of the Acme mine, located in the Pittsburgh soft coal district
1707	"	Cooner, J. D.	" "	Development & equipment of the Crescent mine in the Pittsburgh soft coal dist.
1715	"	Faust, G. C.	" "	Development of the Spartan mine, situated in the southern anthracite coal field of Penna.
1727	"	Hall, C. K.	Met. Eng.	Design of a 300 ton blast furnace and plant to be located at Los Angeles, California.
1728	"	Hammitt, E. P.	Min. Eng.	Development of the Apollo mine, located near Waynesburg in southwestern Pennsylvania.
1764	"	Nevin, C. M.	Min. Geol.	The role of chlorine in the genesis of certain lead deposits.
1777	"	Shaver, H. H.	Min. Eng.	Development & equipment of the Bacchus mine located in the northern anthracite district.
1784	"	Teas, L. P.	Min. Geol.	Notes on the geology of the San Juan region.
1803	'12	Cathcart, S. H.	Geology	Origin of concretions in certain shales of the Bellefonte quadrangle.
1839	'17	Ayres, V. L.	Min. Geol.	Reconnaissance in the highlands of eastern Orange County, N. J.
1849	"	Boyles, R. C.	Met. Eng.	Design of a 100 ton open hearth furnace and plant at Attalla, Ala., the Southern Iron & Steel Co.

NO.	DATE	NAME	DEPT.	SUBJECT
1850	'17	Bray, H. M.	Min. Eng.	Methods of mining employed by the Nittany Copper Company.
1859	"	Colclessner, R. G.	" "	Development of the Nittany copper mine at Keweenaw point, Mich.
1871	"	Ellis, G. L.	Min. Geol.	Geology of the Mount Pleasant basin.
1885	"	Harper, R. J.	" Eng.	Prospecting on the property of the Nittany Copper Company.
1887	"	Henderson, H. L.	Met. Eng.	Design of a 450 ton blast furnace plant at Attala, Ala. for the Southern Iron & Steel Company.
1888	"	Herr, J. C.	" "	Design of a 450 ton blast furnace & plant for the Standard Steel Car Co., at Butler, Penna.
1889	"	Hinman, R. G.	" "	Design of a 100 ton copper smelter for the Northwest Consolidated Copper Company, Helena, Montana.
1907	"	Learn, I. M.	" "	Electrolytic copper refinery for the Northwestern Consolidated Copper Co. Seattle, Washington.
1912	"	McCulloch, J. P.	Min. Geol.	The geology of the Belcher Islands, Hudson Bay.
1915	"	Markell, C.	Met. Eng.	Design of a 400 ton blast furnace plant located at Seattle, Wash., for the Pacific Iron Company.
1921	"	Morgan, G. D.	Min. Eng.	Equipment of the Nittany copper mine at Keweenaw point, Michigan.
1929	"	Robinson, S.	" "	Geology of the property of the Nittany Copper Company.
1933	"	Succop, J. A.	Met. Eng.	Design of a 450 ton blast furnace and plant for the Ohio Steel Company, Ashtabula, Ohio.
1965	'10	Roberts, A. E.	Min. Eng.	Pneumatic concentration of ores with special reference to the plumb pneumatic jig.
1967	'12	St. Clair, S.	" "	Geology of the Ste. Genevieve copper deposits, Missouri.
1975	'15	Wadsworth, M. E.	" "	Origin and mode of occurrence of the Lake Superior copper deposits.
1994	'18	Cohen, H.	" "	Prospecting & development of the Betty mine for Northern Lackawanna Coal Co., Carbondale, Penna.

NO.	DATE	NAME	DEPT.	SUBJECT
1997	'18	Coolidge, D. J.	Min. Eng.	Development of the Oneida mine of the Valley Camp Coal Co. in Allegheny Co., Penna.
1999	"	Dalrymple, M. W.	Met. Eng.	Design of a 500 ton blast furnace & plant to be located at Akron, Ohio.
2000	"	Devereaux, J. E.	" "	Design of a 500 ton iron blast furnace for the Valley Iron Co. to be located at East St. Louis, Ill.
2001	"	Donnelly, S. E.	Min. Eng.	Prospecting & development of the Longhorn Mine, Platteville, Wis.
2004	"	Feldser, O. B.	Met. Eng.	Design of a 500 ton blast furnace plant located at Muskegon, Mich. for the Superior Iron Co.
2006	"	Hawk, E. A.	" "	Design & operation of a second open hearth unit at the plant of National Tube Co., Lorain, Ohio.
2008	"	Houdeshel, J. W.	Min. Eng.	Development & operation of the "Sunshine mine in the Coeur d'Alene district, Idaho.
2011	"	Johnston, J. M.	" "	Prospecting & development of the Earley mine, Elk Co., Penna.
2018	"	Orndorff, C. R.	" "	Prospecting & development of the Butler Mountain Mine, Tonopah, Nev.
2025	"	Wilson, M. J. Jr.	" "	Prospecting & development of the big Lode mine, South Range, Mich.
2026	"	Winchester, G. A.	" "	Development of the Ludor mine of the Ludor Bituminous Coal Mining Co., Madera, Penna.
2031	"	Belohic, G.	" "	Mining & concentration of ore in the Joplin zinc and lead district.
2033	"	Caudill, S. J.	Geology	The Irvine, Kentucky, oil and gas field.
2042	"	Nutting, J. M.	"	Geographic influences in the growth of Cleveland, Ohio.
2050	'19	Fried, J. S.	Mining	An analysis of Pennsylvania coals as to yields of gas and by-products.

NO.	DATE	NAME	DEPT.	SUBJECT
2051	'19	Hedding, J.N. Simon, M.	Min. Eng.	The determination of the frictional resistance of ninety degree bends to the air current.
2054	"	Mull, E. K. Petteiger, W. I.	Met. Eng.	The effect of nitrogen on steel.
2055	"	Owings, C. W.	Min. "	Problems in the concentration of a calcite-galena-sphalerite ore by flotation.
2057	"	Stetler, H. F.	" "	The development & operation of a coal mine near Johnstown, Pa.
2070	"	Waidlich, D. C.	" "	The development & operation of a copper mine near Butte, Montana.
2076	'20	Bayles, G. L.	Min. Geol.	White clays of the Nittany valley.
2077	"	Esterly, J. E.	Met. Eng.	Design of an electric furnace for the Reading Steel Casting Company.
2078	"	Greenawald, P. B.	" "	Construction of a by-product coke plant of the Koppers type.
2080	"	Paxson, R. B.	Min. Geol.	Possibilities of the occurrence of oil in the Nittany Valley.
2081	"	Rothermel, L. R.	Metallurgy	Design of a coke plant of the Koppers by-product regenerative type for the borough of Bellefonte, Penna.
2083	"	Titze, W. W.	Met. Eng.	Design of a 500 ton blast furnace to be located at Frackenridge, Pa.
2084	'17	Ayres, V. L.	Mining.	The geologic structure of the lower Nittany Valley.
2090	'20	Auch, F. C.	Metallurgy	The design of a 500 ton blast furnace and plant to be located at Neville Island, Penna.
2094	"	Calhoun, J. S.	"	The design of a 500 ton blast furnace & plant for the U. S. Steel Corporation to be located at Duquesne, Penna.
2095	"	Clark, M. F.	"	The design of a 500 ton blast furnace & plant for the Birmingham Iron & Steel Co. located at Birmingham, Ala.
2096	"	Cook, E. C. Holder, P. E.	Met. Eng.	An investigation to determine the physical properties of an 80% carbon steel when heat-treated by various methods.

NO.	DATE	NAME	DEPT.	SUBJECT
2097	'20	Craig, H. W. Martin, J. W.	Min. Eng.	Development of Penn Coal Company's mine in East Deer township, Allegheny Co., Penna.
2104	"	Jackson, H. A. Tubridy, E. B.	" "	Choice of electrical equipment as a means for minimizing working costs in a low profit bituminous coal mine, Harrison Co., W. Va.
2105	"	Keelan, T. N.	Met. Eng.	The design of a 450 ton blast furnace and plant for the production of basic pig iron.
2106	"	Keller, D. E.	Min. Eng.	Suggested possible improvements in the preparation of anthracite.
2112	"	Lutz, U. E. Petzold, W. B.	" "	Development & working of an iron ore mine in Warren Co., N. J.
2114	"	North, D. F.	" "	The development & operation of a mining property of the Marion Mining Co. near Barrackville, Marion Co., W. Va.
2115	"	Reed, T. H. Jr.	" "	The prospecting, development and production of petroleum by the Atlas Oil Co. in the Cushing Oklahoma field.
2117	"	Rife, E. J.	Min. Geol.	The oil and gas areas of Penna.
2118	"	Schweyer, B. B. Young, W. P.	Min. Eng.	The development & operation of a mine on the property of the Bald Hill Coal Co.
2128	"	Kerne, R. S.	Metallurgy	A study of several mixtures of grey iron & steel for foundry purposes.
2140	"	Leonard, H. R.	Min. Eng.	The manufacture of four-inch U. S. Navy projectiles.
2141	"	Maginnis, J. B. Stout, C. E.	" "	The prospecting, development and operation of a bituminous coal mine in Cambria Co., Pa.
2142	"	O'Donnell, C. L.	" "	The development of the Ebensburg Coal Company's mine at Colver, Penna.
2144	'21	Allshouse, R. L. Fraser, H. H.	" "	Geology and mines of the Des Cabezas District, Arizona.
2147	"	Baird, D. B.	" "	The development & operation of the "South Fork Mine" in the Coeur d'Alene district, Idaho.

NO.	DATE	NAME	DEPT.	SUBJECT
2149	'21	Beard, C. A. Bersinger, C. E. Nagelberg, P. A.	Min. Eng.	Geology, prospecting, mining and concentrating of the Colorado Carnotite deposits.
2150	"	Bell, J. L.	" "	Golf course construction.
2155	"	Dougherty, J. J. Weller, C. W.	" "	Development of the Black Crow Mine in the Middle Anthracite Field.
2156	"	Esenwein, I. A.	Met. Eng.	Studies of the effect of nitrogen on steel.
2158	"	Goldstrohm, C. A.	Metallurgy	The design of a 500 ton blast furnace and plant to be located at Duquesne, Pa.
2159	"	Graeber, C. K.	Min. Geol.	The identification of geologic formations by microscopic study of samples.
2162	"	Hoffman, C. F.	Met. Eng.	The design of a 500 ton blast furnace and plant to be located at Johnstown, Penna.
2163	"	Holden, E. F.	Min. Geol.	Geology of Deering, N.H. and vicinity.
2164	"	Johnston, C. D.	Met. Eng.	The design of a 150 ton copper smelter for the Thompson Copper Co., Oroville, California.
2166	"	Kern, T. C.	" "	The design & operation of a basic open hearth steel plant to be located at Slatington, Penna.
2172	"	Maxwell, J. R. Jr.	" "	The design, construction & testing of an experimental low temperature coking plant.
2175	"	Newhouse, W. H.	Min. Geol.	Geology & ore deposits of the Park City District, Utah.
2180	"	Pollock, C. R.	Met. Eng.	The design, construction and testing of a low temperature coking plant.
2184	"	Sheffer, Samuel	" "	The design of a 500 ton blast furnace to be located at Johnstown, Penna.
2189	"	Sutton, G. R.	" "	Heat treatment of chrome nickel steel and the design of a heat treating unit
2192	"	Taylor, T. G.	Min. Eng.	The Ganister deposits of Pa., with special reference to their chemical and physical properties.
2193	"	Thomas, E. A.	Met. Eng.	The design of a 150 ton copper smelter for the Thompson Copper Co., Oroville, California.

NO.	DATE	NAME	DEPT.	SUBJECT
2194	'21	Wolf, F. H.	Met. Eng.	An investigation of 3½% nickel steel under various heat treatments.
2218	"	Luerssen, G. V.	Min. Eng.	Pyrometric control in the melting of open hearth and electric steel.
2224	'22	Anderson, R. B.	Min. Geol.	Report of the oil possibilities of Lancaster and Chester Counties, Penna.
2225	"	Bace, A. C.	" "	Conditions of deposition in the southern anthracite basin during Pottsville time.
2226	"	Barclow, J. C. Staud, J. N.	" "	Sub-surface study of well cuttings.
2227	"	Bittner, L. J.	Met. Eng.	Chemical & physical tests of fire-clays.
2229	"	Brown, I. G.	" "	Effect of case hardening and heat treatment on the strength of oxy-acetylene welds.
2231	"	Confer, E. B.	Min. Eng.	Development & operation of a bituminous coal mine at Snow Shoe, Pa.
2233	"	Eckenrode, J. T.	Met. Eng.	Manufacture of a metallurgical coke by a low temperature process.
2235	"	Ellinger, G. A.	Min. Geol.	Geology of Mifflin County, Penna.
2239	"	George, R. B.	Met. Eng.	Some fire clay tests and their relation to the value of fire clay.
2240	"	Good, H. W.	" "	Study of some effects of heat treatment on rustless steel (so called "Stainless Steel").
2246	"	Keller, F. L.	Min. Geol.	Accumulation of oil & gas in the Big Horn Basin, Wyoming.
2249	"	Klinger, E. D.	" "	Study of oil & gas in Montana with reference to their origin.
2250	"	Killinger, W. G.	Met. Eng.	Investigation of the durability of a solid carburizing material.
2251	"	Lewis, W. S.	" "	Design of a 500 ton blast furnace to be located at New Castle, Pa.
2252	"	Lichtenstein, A.	" "	Study of the by-products from low temperature coking.
2253	"	Lincoln, R.	" "	New critical point in copper zinc alloys.
2254	"	McBride, W. H.	" "	Properties & structure of electric welds.

NO.	DATE	NAME	DEPT.	SUBJECT
2255	'22	Mather, C. C.	Min. Eng.	Development & operation of the mines of the Harrison Coal Mining Company of the Broad Top Coal Field, Penna.
2256	"	Moore, J. B.	" "	Development & operation of the Jamison #20 coal mine in Westmoreland County, Pa.
2259	"	Recco, F. H.	" "	Possibilities of separating coal from slate by the Plumb Air Jig.
2260	"	Reichenbach, N. H.	" "	Development & equipment of a mine in the Shamokin, Penna. anthracite district.
2263	"	Shaffer, M. A.	" "	Prospecting, development and operation of a mineral property located at Goldfield, Nevada.
2264	"	Smith, T. C.	Met. Eng.	Study of certain heat resisting alloys.
2266	"	White, P. F.	Min. Eng.	Development & operation of the Wolfpit mines in Pike Co., Ky.
2267	"	Wilson, P. C.	" "	Coal mine prospecting, development and operation in Warrick Co., Ind.
2278	"	Kern, T. C.	Metallurgy	Investigation of solid carburizing materials.
2280	"	Learn, R. M.	"	Nature, formation and prevention of galvanizing drosses.
2294	"	Succop, J. A.	Met. Eng.	Study of the causes, the effects of, and the remedies for typical defects in steel forgings.
2295	"	Taylor, T. G.	Min. Geol.	Silica refractories of Pennsylvania.
2301	"	Levinson, J.	Met. Eng.	Study of the heat treatment of some molybdenum steels.
2302	"	Trout, P. H.	" "	Investigation of the acid resisting ferro-silicons.
2303	'23	Alexander, J. R.	" "	Study of macrographic etching reagents.
2306	"	Barth, A. L.	Min. Eng.	Development & operation of the Crow Foot mine near Bisbee, Arizona.
2310	"	Czarnecki, J. J.	Met. Eng.	Localization of case carburizing by preventative paints.
2311	"	Deweese, E. J.	Min. Geol.	Peg model map of Bryan Heights Salt Dome

NO.	DATE	NAME	DEPT.	SUBJECT
2312	'23	Durfee, W. W.	Met. Eng.	Etching reagents for developing the microstructure of steel.
2313	"	Eisler, C. R.	Min. Eng.	Development & operation of a mine in double thick upper Freeport coal seam in Allegheny Co., Pa.
2316	"	Gingrich, E. M.	Met. Eng.	Effect of the bluing operation upon the physical properties of a silico-manganese steel.
2317	"	Greth, H. E.	" "	Effect of bluing and of strawing upon the physical properties of nickel steel.
2318	"	Habgood, S. K.	Min. Eng.	Development & operation of the Daisy Coal mine, Cambria County, Pa.
2319	"	Hahman, W. F.	" "	Development & operation of a mine in the Pittsburgh coal seam in Carroll Township, Washington Co., Pa.
2320	"	Hartley, C. E.	" "	Development of a coal mine in the Pittsburgh coal seam near Brownsville, Pa.
2321	"	Herbst, G. E.	Met. Eng.	Investigation of a few defects found in extruded brass.
2325	"	Kuhn, C. D.	" "	Effect of the bluing treatment on the physical properties of a plain carbon steel.
2326	"	Kuhns, G. C.	Min. Eng.	Development & operation of the Sigabee mine in Fayette County, Pa.
2327	"	Miller, C. G.	" "	Development & operation of a bituminous coal mine in Cambria Co., Pa.
2328	"	Huffley, J. B.	" "	Development of a bituminous coal property in the "D" or Lower Freeport seam in Pine Twp., Indiana Co., Pa.
2329	"	Nystrom, C. A.	Met. Eng.	Study of the preparation and heat treatment of Duralumin.
2330	"	Obert, P. K.	Min. Eng.	Development & operation of a bituminous coal mine property in Cherryhill Twp., Indiana Co., Pa.
2332	"	Rose, G. S.	Met. Eng.	Comparative tests for zinc protective coatings.
2333	"	Seig, W. W.	" "	Investigation of the effects of tin, antimony, iron and nickel on commercial extruded brass rods.
2334	"	Sells, G. D.	" "	Heat treatment of copper, chromium and nickel alloys.

NO.	DATE	NAME	DEPT.	SUBJECT
2335	'23	Silverstein, A. H.	Min. Eng.	Exportation of coal.
2336	"	Straup, C. W.	Met. Eng.	Effects of temperature and pressure on the sherardizing process.
2337	"	Ray, W. C. and Tritt, J. S.	Min. Geol.	Sub-surface correlation of geological formations by the determination of the percentage.
2339	"	Wetzel, H. E.	Min. Eng.	Prospecting, development & operation of the Jacobs Creek mine, Westmoreland Co., Pa.
2342	"	Zorichak, J. J.	Min. Geol.	Kettle Creek gas field.
2352	"	Fisher, L. W.	Geology	Helderberg limestone of Pa.
2375	"	Straub, F. G.	Met. Eng.	Researches on coking phenomena.
2376	"	Thomas, E. A.	" "	Role of copper in local carburizing.
2379	"	Webster, G. E.	" "	Recovery of platinum from the sulfuric acid contact mass at the old hickory ordnance reserve depot.
2386	"	Bauer, Ernest H.	" "	The properties and heat treatment of high-tin-base bearing metals.
2387	'24	Bayles, George E.	Min. Eng.	The development and equipment of the Big Sandy lease of the Marrowbone Mining Co., Rockhouse, Ky.
2388	"	Bell, Edward M. Jr.	" "	The development of a bituminous coal property in the lower Kittanning seam in Clarion County, Pa.
2389	"	Brenner, R. and Shissler, W.E. Jr.	" "	Oil froth flotation of some Penna. bituminous coals.
2390	"	Campbell, Joseph W.	Met. Eng.	The testing of fire-brick under load at high temperatures.
2391	"	Currie, Robert D.	Min. Eng.	Development of the Ruth consolidated Colliers Co., Mine No.3, Moss Creek, Pa.
2392	"	Davis, H. S.	" "	The development & operation of a coal mine in the Pittsburgh seam.
2393	"	DeChicchio, R.	Geology	The petrography of the ordovician limestones of central Pennsylvania.
2394	"	Decker, J. A.	Met. Eng.	The behavior of mild steel under load at elevated temperatures.
2395	"	Geist, A. F.	" "	The properties and heat treatment of high carbon spring steel.
2396	"	Graham, Thomas A.	" "	Quenching oils.

NO.	DATE	NAME	DEPT.	SUBJECT
2397	'24	Grenell, L. H.	Met. Eng.	The electrical resistivity of certain refractories.
2399	"	Hassel, W. G.	" "	An investigation of plain carbon cast steel and nickel cast steel under various heat treatments.
2400	"	Henry, T. C.	Min. Eng.	Standardization of coal mine ventilation laws.
2401	"	Hess, W. E.	" "	Development & equipment of an anthracite mine near Shenandoah, Pa.
2403	"	Johnson, Carl P.	Met. Eng.	The experimental methods employed in the formation of diffusion alloys".
2404	"	Johnston, G. H.	Min. Geol.	Studies of the Upper Devonian and Pottsville formations of Western Venango County, Pa.
2406	"	Ludwig, R. E.	Met. Eng.	A study of the relation of the micro-structure of stainless steel to its resistance to corrosion.
2407	"	Marshall, F. R.	" "	The behavior of mild steel under tension at elevated temperatures.
2408	"	Mitchell, D. R.	Min. Eng.	The development & operation of a Clearfield County coal mine.
2409	"	Linn, J. H. and Price, E. G.	Met. Eng.	The utilization of blast furnace slag in the manufacture of paving block.
2412	"	Singer, E. V.	" "	The utilization of coal ashes in the manufacture of fire brick.
2413	"	Thomas, R. M.	" "	The desulphurization of cast iron with special study of the action of high soda slags.
2414	"	Wilhelm, A. K.	Min. Geol.	Geology of the conemaugh formation around Saxenburg, Penna.
2416	"	Yeager, L. I.	" "	Billy Creek anticline Johnson Co., Wyoming.
2417	"	Yeager, M. W.	Met. Eng.	The effects of various heat treatments on the physical and microscopic properties of a Vanadium bronze.
2418	"	Baird, D. B.	Mining	Mining methods in the Panther Creek district of the Pa. anthracite region, Pts. one & two.
2450	'25	Ackerman, M. J.	Min. Eng.	The development & mining of the limestone rock at Bellefonte, Pa.

NO.	DATE	NAME	DEPT.	SUBJECT
2451	'25	Anderson, H. S.	Met. Eng.	A study of pickling solutions and inhibitors.
2452	"	Bartells, B. H.	" "	Salt baths for the heat-treating of steel.
2453	"	Black, W. R.	" "	Low temperature coking of some Pennsylvania coals.
2454	"	Egan, F. A.	" "	The desulphurization of pig iron by means of soda ash.
2456	"	Everett, W. W.	Min. Eng.	The development & operation of an anthracite property near Plymouth, Pa.
2457	"	East, F. L. Jr.	Met. Eng.	A study of the application of centrifugal force to the separation of antimony from lead & lead tin alloys.
2458	"	Fox, E. G.	Min. Eng.	The development & equipment of a coal property in the western middle anthracite coal region, Pa.
2459	"	Gallagher, F. J.	" "	The development & operation of an anthracite coal mine in the northern anthracite field.
2461	"	Gray, James	" "	Development of the Vesta mine No.2 near Charleroi, Pa.
2462	"	Hilburn, F. E.	Min. Geol.	Oil & gas fields of northeastern Wyoming.
2463	"	Johnston, George	Min. Eng.	The prospecting & development of the Toby mine, Elk Co., Pa.
2464	"	Kaley, H. W.	Min. Geol.	The occurrence and origin of zinc ores at Mascot, Tenn.
2465	"	Keiser, H. D.	Min. Eng.	Safety regulations for the use and handling of explosives in metal mines.
2468	"	Moyer, P. R.	" "	Prospecting, development & operation of a mineral property located at Caribou Lake, Nova Scotia, Canada.
2469	"	Norton, B. W.	Met. Eng.	Microstructure & mechanical properties of electric-arc and oxy-acetylene welds of mild steel.
2470	"	Oster, H. S.	Min. Eng.	Development & operation of a bituminous coal mine in Cambria Co., Pa.
2471	"	Peterson, C. A. & Phillips, G. R.	" "	Effect of diameter ratio of feed on work of the plumb pneumatic jig.

NO.	DATE	NAME	DEPT.	SUBJECT
2472	'25	Price, D. J.	Min. Eng.	A study of gas and dust explosions in Pennsylvania bituminous coal mines.
2473	"	Riddle, F. W.	" "	The development of the Yellow Creek Coal Co. of Indiana County, Pa.
2475	"	Simmons, A. C.	" "	The development & operation of a lead zinc mine near Joplin, Mo.
2476	"	Smith, R. H.	Geology	A study of the bentonite occurrences in Central Pennsylvania.
2478	"	Wem, R. L.	Met. Eng.	Grain growth in copper.
2479	"	White, E. H.	" "	Nitrogenizing of stainless steel with the object of improving its cutting hardness.
2480	"	Woomer, J. W.	Min. Eng.	The prospecting, development & operation of a bituminous mine in North Cambria County, Pa.
2492	"	Graeber, C. K.	Geology	The geology and petrography of the mica peridotite dike at Dixonville, Pa.
2499	"	Knight, O. A.	Met. Eng.	A study of the behavior of mild steel under tension at elevated temperatures.
2510	"	Sieg, W. W.	" "	A study of the behavior of mild steel under tension at elevated temperature.
2511	"	Snyder, R. W.	" "	The design, construction & operation of an electric furnace for the testing of metals.
2528	"	Owings, C. W.	Mines & Met. (part one)	Methods and costs of rock-dusting bituminous coal mines.
2529	"	"	(part two)	" " " "
2539	'26	Apgar, A. D.	Min. Eng.	Prospecting, development & exploitation of a low grade copper deposit in the Seven Devils region of Idaho.
2540	"	Barowskas, A. J.	" "	Development & operation of a copper mine in central Arizona.
2541	"	Bartleson, Edith	Min. Geol.	Petrography of black river limestone at Bellefonte, Pa.
2542	"	Bartram, P. L.	" "	Geology of the Bruner Pool, Tulsa County, Oklahoma.
2543	"	Beardsley, W. R.	" "	Occurrence of oil & gas in the northern part of the Pittsburgh Quadrangle.

NO.	DATE	NAME	DEPT.	SUBJECT
2545	'26	Boote, E. C.	Met. Eng.	Combustibility & reactivity of coke as factors of fuel economy in the blast furnace.
2547	"	Davis, L. W.	Min. Eng.	Development & operation of a bituminous coal mine in lower Yoder twp. Cambria County, Pa.
2549	"	Gingerich, H. R.	Ceramic Eng.	Design & equipment of a Portland Cement plant.
2550	"	Hess, R. M.	Min. Geol.	Correlation of the bentonite beds in the ordovician of central Penna.
2551	"	Holliday, Joseph	Min. Eng.	Development & operation of a bituminous coal mine near Bristol, W. Va.
2553	"	Hughes, H. H. Jr.	Min. Geol.	Use of etch figures in the determination of crystal symmetry.
2554	"	Jones, C. N.	Min. Eng.	Development & operation of a low grade gold ore mine in Nevada.
2555	"	Kalbach, W. R.	" "	Development & operation of the Pequot mine located in the western end of the southern anthracite basin, Pa.
2557	"	Kunigonis, S. J.	Met. Eng.	Aesthetic improvement of highways as looked at from an economic and social standpoint.
2559	"	McCooley, M. I.	Min. Eng.	Advantages and disadvantages of rubber and steel conveyors.
2560	"	Mairs, E. D.	Met. Eng.	Investigation of the densities of molten aluminum-zinc alloys at elevated temperatures.
2561	"	Meyer, J. S.	" "	Behavior of medium high carbon steel under load at elevated temperatures.
2563	"	Miller, Franklin	Min. Eng.	Results of the Trent oil process on a high ash coal.
2564	"	Page, L. B. and Fritchman, H. D.	" "	Treatment of fine bituminous coal.
2565	"	Parker, H. B.	Met. Eng.	A study of slip-lines in metals.
2566	"	Parry, G. W.	Min. Eng.	Results of the Trent oil process on a high ash bituminous coal.
2569	"	Siegel, C. G. and Troxell, J. R.	" "	The treatment of anthracite silt.

NO.	DATE	NAME	DEPT.	SUBJECT
2570	'26	Smith, L. L.	Met. Eng.	Tests on quenching oils.
2571	"	Stonebraker, W. I.	Min. Eng.	Development & operation of a bituminous coal mine in Somerset Co., Pa.
2574	"	Trevorrow, G. C.	" "	Methods of mining applicable to loading machines and a loading machine layout.
2575	"	Wallace, J. J.	" "	The prospecting, development and operation of a bituminous coal mine in Butler Co., Pa.
2576	"	Weaver, H. F.	" "	Development & operation of a rock asphalt mine near Leitchfield, Grayson Co., Ky.
2577	"	Weitzenhofer, H. B.	Met. Eng.	Effect of nickel, chromium and zirconium on the microstructure of cast iron.
2578	"	Wolfe, Karl	Min. Eng.	Development & operation of a copper mine in the Miami district, Arizona.
2579	"	Zimmerman, R. E.	" "	Development & operation of a bituminous coal mine in Cambria Co., Pa.
2581	"	Bucky, P. B. Engineer of Mines		Electricity in mining.
2602	"	White, Paul F.	Mining	Performance of chance separator on anthracite coal.
2605	"	Seymour, L. D.	Met. Eng.	An experimental study of the coking of coal.
2619	"	Price, D. J.	Mining	Some aspects of dust explosions with special reference to coal mines.
2627	'27	Abernethy, D.C.	Min. Eng.	Development & operation of a bituminous mine in the lower Freeport vein near Brockway, Pa.
2628	"	Allen, J. D.	Met. Eng.	A comparative study of the structure and properties of small re-rolled steel rails.
2629	"	Edmunds, G. H.	" "	The effect of time and temperature on the thickness of Sherardized coatings and their resistivity to corrosion.
2631	"	Fritts, C. C. and Hesler, N. W.	Min. Geol.	Oil & gas possibilities in Muncy Valley, Lycoming Co., Penna.
2632	"	Gallagher, R. T.	Min. Eng.	Development & operation of a bituminous coal mine in the upper Kittanning or C seam, Johnstown, Pa.

NO.	DATE	NAME	DEPT.	SUBJECT
2633	'27	Holmes, F. B.	Ceramic Eng.	The production of colors in face brick.
2634	"	Johnson, K. W.	Met. Eng.	The effect of heat-treatment on the hardness of high speed steel.
2635	"	Kahan, E. B.	Min. Eng.	The importance of humidity in mine atmosphere.
2636	"	Kirk, T. H.	" "	Development & operation of a coal mine in the Uniontown, Penna. district.
2637	"	Lane, N. B.	Met. Eng.	A study of the graphitization theory and the effect of small additions of chromium and nickel to cast irons
2639	"	Loscalzo, D. A.	Min. Eng.	The prospecting, development and operation of the Blue Belle copper mine in Miami district, Arizona.
2640	"	McCall, M. C.	" "	The development & operation of a coal mine in Jefferson Co., Penna.
2641	"	McCarthy, P. J.	Met. Eng.	Grain growth in metals.
2642	"	McDowell, S.	Min. Eng.	The prospecting, development and operation of the Bulldog copper mine at Paris, Arizona.
2643	"	Mitchell, J. B. & Reed, J. C.	Min. Geol.	A geologic report on Greenwood twp., Clearfield Co., Penna.
2645	"	Nied, S. J.	Min. Eng.	Development of a coal mine in the Pittsburgh coal seam in southwestern Penna., Redstone township.
2646	"	Nyquist, H. C.	" "	The prospecting & development of the Toby creek coal basin, Elk Co., Pa.
2647	"	Pazdzierz, J. B.	" "	The development & operation of the Cilie Brien mine in the Sewickley, Pa region.
2648	"	Putman, N. C.	Met. Eng.	Causes of failure in railroad rails.
2649	"	Robb, J. F.	" "	An investigation of a solid carburizing compound.
2650	"	Ulf, F. E.	" "	A history of the early charcoal iron furnaces of Centre Co.
2651	"	Ventre, Thomas	Min. Eng.	The development of an anthracite mine in Old Forge, Penna.
2652	"	Weis, Joseph	Ceramic Eng.	Acid resistant enamels for cast iron.

NO.	DATE	NAME	DEPT.	SUBJECT
2858	'29	Rugh, E. W.	Ceramic Eng.	Comparison of dry press, stiff mud and laboratory fired dry press brick.
2859	"	Schminky, H. D.	Min. Eng.	Development of an anthracite coal mine in Short Mountain near Lykens, Pa.
2860	"	Shaw, M. C.	Ceramic Eng.	Matt enamels for cast iron and sheet steel.
2861	"	Slenker, John	Met. Eng.	Effect of moisture content in molding sand upon the physical properties of gray cast iron.
2862	"	Smith, W. G.	" "	Apparatus for simulating atmospheric conditions in accelerated corrosion-testing.
2863	"	Stouffer, G. S.	Min. Eng.	The development and equipment of the Maimie mine in the vicinity of Kasan Peninsula, Alaska.
2864	"	Watt, R. B.	" "	Development of the Fulton Seam of the Defiance Mine Company.
2866	"	Wolf, W. H.	Ceramic Eng.	Lead and leadless enamels.
2932	"	Wint, L. C.	Min. Eng.	Development & operation of an anthracite mine at West Scranton, Pa.
2933	"	Wong, K. K.	Ceramic Eng.	The effects of varying composition on the properties of cover coat enamels.
2935	'30	Buck, Carl	Met. Eng.	The coating of sheet steel with antimony-bearing lead.
2936	"	Burgener, Glen	Geology	A study of the lower devonian formation at Mt. Rock, near Lewistown, Pa.
2937	"	Cavanaugh, D. J.	Ceramic Eng.	Obtaining a glaze for face brick and a cover for cork brick suitable for outside purposes.
2938	"	Corre, H. A.	Min. Eng.	A comparison of the different types of haulage.
2939	"	Dickson, W. J.	Met. "	Effect of the primary rate of cooling upon the structure of cast iron.
2940	"	Edmunds, J. C.	" "	The possibility of the diffusion of copper or of chromium into a medium high carbon steel...
2941	"	Faust, G. T.	Geology	Notes on crystal etchings.
2942	"	Gethin, H. W.	Ceramic Eng.	The possibilities of manufacturing tile at a face-brick plant.

NO.	DATE	NAME	DEPT.	SUBJECT
2830	'29	Anderson, J. A.	Geology	The geology of Nipponese Valley.
2831	"	Artz, R. T.	Min. Eng.	The development & equipment of an anthracite mine, Tower City, Pa.
2832	"	Barnard, F. S.	" "	Development & operation of the Lucky Strike Mining Co. of Arizona.
2833	"	Barnsley, E. R.	Geology	Stratigraphy of the lower silurian formations at Mann Narrows, Lewistown Penna.
2834	"	Bendick, Stephen A.	Min. Eng.	Development of an anthracite mine near Wilkes-Barre, Pa.
2836	"	Claypool, O. W.	Met. Eng.	A study of mill scale.
2837	"	Corgan, Joseph A.	Min. Eng.	Development & equipment of an anthracite mine in the vicinity of Kingston, Pa.
2839	"	Feight, C. D.	Met. Eng.	An experimental study of the exothermic and endothermic reactions during the coking of coal.
2841	"	Graham, Bruce	Min. Eng.	Prospecting, development & operation of the Ollie C Mine, Gilpin, Colo.
2842	"	Haberlen, C. F.	" "	Development and Operation of the Bunker Hill mine in Idaho.
2845	"	Kerr, W. S.	Met. Eng.	Grain growth of pure magnesium.
2846	"	Leibig, E. C.	Ceramic Eng.	Colored sanitary ware glazes at core sight.
2847	"	Lightner, M. W.	Met. Eng.	The micro structure and hardness of certain iron-nickel alloys.
2848	"	Mahoney, R. S.	Geology	Stratigraphy of lower silurian shales at Mill Hall, Pa.
2849	"	Mathes, Joseph	Met. Eng.	Case hardening of steel and non-ferrous alloys by nitriding.
2850	"	Maximon, S. B.	Ceramic Eng.	A microscopic investigation of chromite brick.
2851	"	Meyer, C. F.	Min. Eng.	Development & Operation of the Bulldog mine, Miami, Arizona.
2853	'28	Patton, F. S.	Geology	Penepelines in Central Pennsylvania.
2854	'29	Petusky, Joseph	Min. Eng.	Development & operation of an anthracite mine near Mount Carmel, Pa.
2857	"	Rishel, C. L.	" "	Development & operation of a copper mine in the Ketchikan district, Prince of Wales Island, Alaska.

NO.	DATE	NAME	DEPT.	SUBJECT
2711	'28	Savenius, O. I.	Geology	A micro study of the insoluble residues of the Bellefonte, Axeman...
2712	"	Todd, George H.	Met. Eng.	Aluminum as a deoxidizer of steel and its effect on the physical...
2713	"	Townsend, Malcolm H.	" "	Age hardening in lead-antimony system.
2716	"	Brookes, M. E.	" "	The effect of nickel on the solubility of tin in copper.
2733	"	Irvin, R. W.	" "	Some pertinent phases in construction and processing pertaining to....
2736	"	Knight, O. A.	" "	A study of the heat-treatment of rock drill steels for drilling limestone.
2749	"	Smith, H. I.	Min. Eng.	The iron ore deposits and steel industry of Jugoslavia.
2750	"	Straub, F. G.	Met. Eng.	Embrittlement of boiler plate.
2764	"	Abson, G. W.	" "	A re-survey of the copper antimony system of alloys.
2766	'27	Bair, G. J.	Ceramic Eng.	Philosophical aspects of city planning.
2767	"	Beeman, C. H.	Min. Eng.	The development and operation of the Wetherly mine at Cornwall, Pa.
2769	'28	Croyle, M. C.	" "	The development & operation of a bituminous coal mine near...
2770	"	Entrekin, L. J.	" "	The development & operation of a bituminous coal mine at Ehrenfeld.
2772	"	Herbein, S. D.	Met. Eng.	An investigation on banking a nickel steels.
2773	"	Maize, Earl R.	Min. Eng.	The development of a coal mine in the Pittsburgh seam...
2774	"	McKelven, James H.	Met. Eng.	The rerolling of steel rails.
2775	"	Moyer, F. T.	Min. Geol.	Investigation of the magnetite ore deposits near Reading, Pa.
2778	"	Saracino, Angelo J.	Min. Eng.	The development & operation of an anthracite coal mine...
2785	"	Hall, P. R.	Met. Eng.	The effect of adding nickel chromium and zirconium on the growth....

NO.	DATE	NAME	DEPT.	SUBJECT
2653	'27	Wexler, M. L.	Ceramic Eng.	Ceramic micrography by reflected light.
2654	"	Williams, E. F.	Min. Geol.	The occurrence of concretionary celestite in a dolomitic limestone at Ganister, Pa.
2655	"	Williams, M. B.	Min. Eng.	The development & operation of a bituminous coal mine in southern Cambria Co., Pa.
2656	"	Younkins, J. A.	" "	The development of the Hanley clay property in Jefferson Co., Pa.
2668	"	Hall, P. R.	Met. Eng.	A study of the effects of adding small percentages of molybdenum to gray cast iron.
2676	"	Mitchell, D. R.	Min. Eng.	Mining, cleaning & utilization of central Penna. white clays.
2694	'28	Daw, J. H.	" "	The development of a coal mine.
2695	"	Dow, A. A.	Met. Eng.	A study of blast furnace slags.
2696	"	Gahagen, S. M.	" "	The heat treatment of a high-carbon high - chromium steel.
2697	"	Geisewite, C. F.	" "	The making of stainless steel and stainless iron and the effects of heat treatment.
2698	"	Gettig, M. S.	" "	Precipitation and spheroidization of carbide in low carbon steels.
2700	"	Reed, J. C. III. & Holl, W. H.	Min. Eng. & Ceramic "	The development and utilization of fire clay - deposit at Blue Ball
2701	"	Hoover, C. H.	Ceramic Eng.	A study of the production of Belleek China by the addition of coloring.
2703	"	Howard, U. W.	Min. Eng.	The exploration, prospecting & development of a gold mine.
2705	"	Kennedy, R. G. Jr.	Met. Eng.	Relation between macrostructure and microstructure for the same rate.
2707	"	Maurey, J. E.	Ceramic Eng.	The effect of mineralizers on the temperature of transformation of...
2708	"	Moser, D. W.	Min. Eng.	The development & operation of an anthracite mine in Lackawanna.
2709	"	Maus, L. L.	" "	The development & equipment of an anthracite mine near Girardville, Pa.
2710	"	Parker, H. A.	Met. Eng.	A study of the rate of rise of silicates in steel.

NO.	DATE	NAME	DEPT.	SUBJECT.
2943	'30	Hall, C. G.	Ceramic Eng.	A comparison of some of the properties of super-refractories.
2944	"	Hunt, E. W.	Min. Eng.	Development of a bituminous coal mine at Louise, Westmoreland Co., Pa.
2945	"	Jones, G. T.	Met. Eng.	The study of grain growth in Allegheny metal and the study of prolonged heating at low temperature on anisotropy.
2946	"	Koch, J. A.	" "	The study of the microstructure of wire used for wire rope.
2947	"	Leichliter, Van H.	" "	The causes of fracture of forged steel axles and the method of their manufacture.
2948	"	Loy, M. S.	Geology	A peg model map of Western Penna.
2949	"	Mehring, C. Lester	Min. Eng.	Development & operation of a bituminous coal mine in the upper Freeport near Portage, Penna.
2951	"	Pinkerton, H. L.	Ceramic Eng.	Study of the possibility of pressure having an effect on the spalling property of silica and fireclay refractories.
2952	"	Reed, E. H.	Met. Eng.	The microstructure and physical properties of oxy-acetylene and electric arc welded high chromium alloys.
2953	'29	Ritter, J. P.	" "	The effects of heat-treatment on the mechanical properties of duralumin.
2957	"	Williams, W. E.	Ceramic Eng.	A comparison of gannister and bankite for use as refractory material.
2958	'30	Straub, P. M.	" "	The effects of substituting barium and zinc for lead in white cast-iron cover coats.
2959	"	Wilcox, Ralph	Met. Eng.	The flow of metal in the forging of extruded brass.
2960	"	Woods, Rex W. & Hinkle, B. W.	Geology & Pet. Eng.	Permeability & porosity relationships in the Bradford & Venango second sands.
2962	'29	Affelder, W. L.	Mining	The use of graphic charts in the....
2973	'30	Armiento, D. F.	Met. Eng.	A study of methods of growing single crystals of zinc.
2975	"	Bair, G. J.	Ceramic Eng.	The determination of the resistance of refractory bricks to abrasion at high temperatures....

NO.	DATE	NAME	DEPT.	SUBJECT
2989	'30	Currie, R. D.	Mining	Safety in Pennsylvania coal mines.
2990	"	Custer, J. D.	Ceramics	The development of crucibles for manufacture in the laboratory.
2999	"	Fox, E. G.	Mining	Methods of scraper mining and types of scraper loaders used in the anthracite coal fields of Penna.
3012	"	Long, J. R.	Met. Eng.	Some experiments in nitriding of steel.
3017	"	McLaren, A. W.	" "	A study of certain factors involved in the nitriding of steels and cast irons.
3026	"	Navrocky, E. R.	Min. Eng.	Anthracite in Pennsylvania.
3028	"	North, D. F.	Mining	Modern explosives for industrial work.
3044	"	Shaw, Myril C.	Ceramic Eng.	The hot-working of clay and the resulting effects upon the physical properties and structures of the product.
3070	'29	Rugicka, John	Met. Eng.	A study of the static-tensile-tests of rolled zinc.
3072	'30	Noble, L. D.	" "	A study of the effect of heat-treatment upon duralumin.
3073	"	Snyder, N. H.	Ceramic Eng.	A reproduction of a tile picture.
3081	"	Zimmerman, R. E.	Mining	Coal froth flotation at Champion #1, preparation plant of the Pittsburgh Coal Co.
3082	'31	Ammerman, J. H.	Ceramics	A study of the manufacturing possibilities of anthracite breaker waste.
3083	"	Benner, Richard	Met. Eng.	A study and comparison of the corrosion properties of different wrought irons.
3086	"	Cashdollar, H. L.	Pet. Eng.	Development & operation of a gas field in Somerset Co., Penna.
3086	"	Chapman, Melvin E.	Min. Eng.	Development of a bituminous coal mine at Mill Farm, Indiana Co., Pa.
3088	"	Dilliard, H. L.	Met. Eng.	A study of the effects of temperature and rate of loading on the tensile strength and elongation of rolled zinc.

NO.	DATE	NAME	DEPT.	SUBJECT
3089	'31	Drill, W. C.	Met. Eng.	Grain growth of cold worked 3 S Aluminum sheet.
3090	"	Fallon, Fred	Min. Eng.	Development & operation of a bituminous coal mine near Bicknell, Ind.
3091	"	Flickinger, F. W.	Met. Eng.	Effect of electric current on the hardness and depth of case produced in the nitriding of steel.
3092	"	Frank, R. W.	" "	Effect of the electric current on the introduction of nitrogen into steel.
3093	"	Greagor, J. W.	" "	A study of the microstructure of extruded and forged brass.
3094	"	Harper, C. S.	Min. Eng.	Determination of the coefficient of frictional resistance.
3095	"	Henkel, C. F., Jr.	Ceramics	The modulus of rupture of silica brick at elevated temperatures.
3096	"	Holmberg, M. E.	Met. Eng.	Grain growth of cold worked 3S Aluminum sheet.
3097	"	Kilpatrick, F. C.	" "	Effect of the primary rate of cooling upon the structure of cast steel and upon the structures resulting from subsequent heat-treatment.
3098	"	Ludwig, G. R.	Met. Eng.	The construction of a retort suitable for low temperature coal carbonization.
3099	"	McLaughlin, D. C.	Pet. Eng.	The effect upon the flow of crude oil through tubes of minute diameter under conditions of low temperatures and varying pressures.
3100	"	McNeal, C. F.	" "	Data on effect of temperature and pressure from Newton gasoline absorption plant.
3101	"	Miller, A. Jr.	Met. Eng.	Heat-treatment of white cast iron with special reference to the production of malleable iron by the short cycle anneal.
3103	"	Nicoden, W. F.	" "	A study of the microstructure of extruded and forged brass.
3104	"	Parana, A. L.	Ceramic Eng.	Effect of variation in composition of fire brick on their resistance to abrasion, spilling and slag action.
3106	"	Simonin, J. E.	Met. Eng.	A microscopic study of adamite rolling-mill plugs used in the manufacture of seamless tubes.

NO.	DATE	NAME	DEPT.	SUBJECT
3107	'31	Spencer, P. S.	Met. Eng.	The study of welds in enduro stainless steel.
3109	"	Wetzel, A. V.	" "	The effect of variations in chemical composition upon the microstructure of extruded and forged brass.
3110	"	Wilkins, R. C.	Oil & Gas Eng.	Retentivity of oil sands.
3143	"	Krebs, W. A. W.	Pet. Eng.	Gas properties of Nowata Co., Oklahoma.
3180	"	Woomer, J. W.	Mining	The recovery of "Big Vein" coal in Maryland and its future application to other coal fields.