

Golden, Colorado  
January 18, 1960

The Board of Trustees met in regular session on January 8, 1960 at 9:30 a.m., in the President's Office at the Colorado School of Mines, Golden, Colorado.

Present: Messrs. Coors, Johnston, and Parker.

Absent: Messrs. Fenwick and Stockmar.

President Vanderwilt attended the meeting.

Dr. Parker, President of the Board, presided.

Bills against the APEICAL APPROPRIATION, SCHOOL OF MINES TAX FUND, MILL LEVY BUILDING FUND, and the EXPERIMENTAL PLANT, were examined and allowed as set forth on the following pages, Nos. 2 through 15, inclusive.

January 8, 1960

## SPECIAL APPROPRIATION

## FACULTY PAYROLL-Voucher #244

1540	Axtell, James C.	426.28
1541	Aylor, Maynard	393.64
1542	Babcock, Henry A.	476.38
1543	Badgley, Peter C.	461.52
1544	Bainbridge, Douglas	533.90
1545	Barb, Clark F.	645.90
1546	Bartunek, Paul F.	522.15
1547	Bauman, Victor W.	389.48
1548	Bisquis, Ramon E.	407.58
1549	Bloom, Harold	369.46
1550	Brembecke, Fritz S.	599.39
1551	Bryner, Leonid	386.01
1552	Burdick, H. Dean	569.61
1553	Burger, William V.	556.24
1554	Campbell, Frank R.	481.09
1555	Carpenter, Frederick	497.96
1556	Carpenter, Robert H.	521.79
1557	Chapitis, William J.	422.49
1558	Coke, John M.	544.76
1559	Compton, W. D.	432.01
1560	Courey, Bernette	364.59
1561	Cook, George S.	461.54
1562	Crowder, Troy F.	672.13
1563	Darden, James	428.13
1564	Darnall, Byron	289.13
1565	Davies, Joseph E.	440.43
1566	Day, Robert B.	386.76
1567	Dunke, Walter H.	581.75
1568	Earhart, Harold H.	575.51
1569	Edwards, Kenneth W.	299.85
1570	Epis, Rudy C.	363.21
1571	Ferrell, Edward F.	383.27
1572	Fisher, Edward G.	401.42
1573	Fletcher, Hilbert E.	436.10
1574	Fox, Leland S.	358.11
1575	Fritts, Paul J.	375.92
1576	Frost, Hildreth, Jr.	432.05
1577	Frush, Charles O.	493.65
1578	Fry, Frances L.	326.30
1579	George, John M.	353.27
1580	Gibbons, Madeline	348.66
1581	Gosman, Albert L.	452.64
1582	Gross, Clara C.	395.36
1583	Grosvenor, Miles E.	440.71
1584	Gusy, Wilbur J.	356.59
1585	Gutzman, Raymond R.	435.78
1586	Hall, James L.	390.08
1587	Hancock, John W.	369.47
1588	Hartkammer, L. W.	506.45
1589	Hastbrouck, Wilfred P.	376.85
1590	Haun, John D.	459.51
1591	Hayes, John R.	525.39
1592	Hebel, Ivan L.	513.09
1593	Hepworth, Malcolm T.	437.97
1594	Hollister, John C.	674.94

## SPECIAL APPROPRIATION

## FACULTY PAYROLL-Voucher #244

1595	Houghton, Augustus S.	398.30
1596	Hughes, Richard V.	629.76
1597	Hutchinson, Robert M.	503.42
1598	Johnson, Don H.	396.22
1599	Johnson, George W.	459.20
1600	Johnstone, James G.	429.58
1601	Jones, John M.	357.15
1602	Jordan, A. Raymond	744.90
1603	Jurney, William H.	530.15
1604	Kesting, Paul H.	499.09
1605	Kelly, T. A.	554.87
1606	Kelsey, Harry E.	442.10
1607	Kent, Harry C.	345.99
1608	Kline, John V.	498.44
1609	Kluggam, Michael A.	423.18
1610	Koshler, Edward C.	181.86
1611	Kuhn, Truman H.	1,033.44
1612	Lafferty, Michael H.	311.04
1613	Laubach, Winton	269.62
1614	Lefaire, George W.	527.28
1615	Lantz, Oscar	385.94
1616	LeRoy, Leslie W.	831.12
1617	Long, V. Allan	602.19
1618	Lucas, George B.	417.13
1619	Marsh, Donald C. B.	374.87
1620	Marshall, Scott J.	445.52
1621	Matear, Warren D.	387.98
1622	Mathews, Frank S.	503.23
1623	Merideth, George T.	623.33
1624	Merrin, James	466.85
1625	Milich, Dale	332.16
1626	Moore, Fred E.	362.61
1627	Morgan, Lyman W.	525.47
1628	Nordquist, Carl G.	421.14
1629	Ogden, Lawrence	401.49
1630	Osborn, Robert B.	455.47
1631	Parker, Ben H., Jr.	324.95
1632	Perkinson, Lute J.	711.81
1633	Faynter, Thomas E.	483.39
1634	Pearson, Robert S.	358.11
1635	Pegis, Anton G.	453.68
1636	Peters, William R.	475.00
1637	Pierce, Albert L.	353.65
1638	Pohrte, Theodore W.	424.64
1639	Pool, H. Gordon	748.11
1640	Preston, Ronald D.	507.40
1641	Prince, Lawrence J.	452.42
1642	Pugh, Bill R.	415.15
1643	Richtmann, William M.	499.83
1644	Rinshart, John S.	819.20
1645	Rodgers, Paul A.	468.13
1646	Rowland, David A.	331.88
1647	Sankovitz, James L.	402.43
1648	Schieltz, N. Cyril	558.94
1649	Shull, Charles M., Jr.	425.12

SPECIAL APPROPRIATION

FACULTY PAYROLL-Voucher #244

1650	Sisson, George T.	326.99
1651	Smiley, Francis E., Jr.	471.85
1652	Starks, Charles W.	446.19
1653	Steinhauer, Gurnett	776.19
1654	Sutherland, Joycelyn	286.27
1655	Taylor, Robert J.	344.24
1656	Tolos, Chris	406.86
1657	Trexler, David W.	411.56
1658	Vanderwilt, John W	1,106.83
1659	Waldron, Howard L.	828.03
1660	Weimer, Robert J.	438.81
1661	Wichmann, Arthur P.	543.62
1662	Wilcox, Virginia Lee	555.50
1663	Williams, Art	442.09
1664	Williams, John T.	472.96
1665	Williams, Terrence J.	318.99
1666	Wright, Curtis	382.29
1667	Wright, W. Lloyd, M.D.	481.64

TOTAL FACULTY PAYROLL

60,075.09

SPECIAL APPROPRIATION

CIVIL SERVICE PAYROLL-Voucher #245

1668	Aldridge, M. Floyd	206.41
1669	Bain, Miriam W.	189.84
1670	Baker, Thomas J.	282.37
1671	Barksdale, Becky A.	209.01
1672	Berthel, William Levi	253.22
1673	Baxter, Viola	193.65
1674	Bedner, Cecilia	215.95
1675	Berlin, Avis M.	151.94
1676	Billingham, Charles	264.47
1677	Blevins, Vera	189.70
1678	Bliss, Mary Geneva	194.58
1679	Braun, Frank J.	249.98
1680	Brill, Edward	264.15
1681	Britton, Esther	196.00
1682	Brobeck, Harold V.	254.05
1683	Brindle, Estel	205.25
1684	Bufnak, Frank	223.83
1685	Burtlow, Cedric Gene	283.34
1686	Bussart, Shirley	221.51
1687	Campbell, Russel E.	300.74
1688	Carder, Charlotte	179.45
1689	Carlson, Phyllis	229.81
1690	Carver, Walter B.	219.53
1691	Casady, Leonard D.	333.08
1692	Caster, Rosalie	288.61
1693	Chambers, Paul L.	289.30
1694	Childers, Eagra M.	299.39
1695	Connor, Rex L.	256.95

## SPECIAL APPROPRIATION

## CIVIL SERVICE PAYROLL-Voucher #245

1696	Crabtree, John Arrie	268.94
1697	Danley, Clint E.	153.22
1698	Dickens, Earl	409.78
1699	Bilts, Glenn	241.66
1700	Dillon, Dorothy	207.21
1701	Dillon, Ross Harold	284.59
1702	Dinkmeyer, Elvera E.	283.89
1703	Dolan, Francis	324.70
1704	Dollar, Claude E.	227.28
1705	Donahoe, George W.	268.94
1706	Drake, Ollie L.	175.48
1707	Dugger, Helen	229.19
1708	Dygert, Harold	200.95
1709	Easley, Fred D.	339.88
1710	Eastin, Dick	222.13
1711	Eddleman, Janice C.	225.06
1712	Ervin, Madelyn R.	207.61
1713	Farmer, Clarence J.	219.53
1714	Fortune, William E.	304.53
1715	Gallegos, Alfred J.	285.40
1716	Gilchrist, Clarence	202.15
1717	Godfrey, J. H.	234.93
1718	Good, Doris	179.81
1719	Goodhead, James W.	190.31
1720	Gragory Clyde G.	348.65
1721	Grewal, Martha H.	152.88
1722	Haas, Theodore E.	279.03
1723	Hader, Albert N.	198.61
1724	Hankel, Alma L.	185.70
1725	Hansen, Ole E.	200.30
1726	Hatfield, John D.	292.97
1727	Hemberger, Clarence G.	377.43
1728	Hofmeister, Edward C.	234.75
1729	Hovarter, William H.	212.32
1730	Hugness, Carl Hall	243.75
1731	Jenson, Hendrietta O.	220.51
1732	Johnston, Helen	256.34
1733	Kerley, Walter C.	184.10
1734	King, William E.	130.32
1735	Koch, William O.	166.87
1736	Kruger, Richard F.	218.31
1737	Kubesh, Josephine	205.70
1738	Lamb, Melanoe E.	204.25
1739	Lange, Edward	324.77
1740	Lee, William	313.71
1741	Lietz, Rudolph	254.05
1742	Ljungvall, Donald	271.89
1743	Loving, Orville O.	355.43
1744	Mandiloff, Dean M.	282.25
1745	Mandiloff, Vasil G.	234.43
1746	Harvin, Thomas	216.38
1747	Matthews, Arthur W.	183.01
1748	Mattson, Walter	274.75
1749	McHulty, Susan Lee	198.41
1750	McPhail, Vernon W.	174.45

## SPECIAL APPROPRIATION

## CIVIL SERVICE PAYROLL-Voucher #245

1751	Malcher, Adolf A.	194.56
1752	Master, Chris L.	307.60
1753	Miller, Robert A.	335.72
1754	Miller, Shirley	247.70
1755	Mineff, Peter	210.10
1756	Moore, Onace	235.67
1757	Mosher, Edgar	235.21
1758	Nandrea, Michael	208.01
1759	Nicholls, Clarence	385.33
1760	Nobles, William	171.11
1761	Obermeyer, Robert H.	212.75
1762	O'Leary, Thomas F.	306.60
1763	O'Neil, Milton F.	362.28
1764	Peddleford, Mary	238.49
1765	Parsons, Dorothy M.	185.00
1766	Parsons, Von E.	236.68
1767	Partridge, Jesse C.	167.27
1768	Patton, Sylvia D.	250.10
1769	Fayne, Jesse E.	319.58
1770	Perez, Jose M.	252.50
1771	Peters, Roy V.	203.41
1772	Pickthall, John W.	385.90
1773	Retcliff, John B.	320.45
1774	Rheams, Ruth Ann	283.74
1775	Richards, Robert H.	304.54
1776	Robb, Donald	202.15
1777	Rushton, John E.	270.15
1778	Sackett, Ruth N.	232.71
1779	Schader, Loretta B.	213.30
1780	Schiaffalin, Eleanor	269.48
1781	Schmidt, Katharyn A.	205.25
1782	Siefken, Elisabeth F.	162.76
1783	Simpson, Albert E.	265.74
1784	Simpson, Bert D.	194.65
1785	Simpson, Frances	215.90
1786	Simpson, Minnie	68.53
1787	Slahn, August	184.05
1788	Sledd, James Thomas	226.08
1789	Smith, Mildred	234.32
1790	Spencer, Robert A.	380.83
1791	Stark, Henry C.	242.20
1792	Steffenich, Marvyl I.	234.54
1793	Steih, Otto J.	198.86
1794	Sterling, Mary Ann	266.99
1795	Stolpe, Vincent R.	351.80
1796	Tear, Lacy	194.65
1797	Thomas, Laverna F.	225.58
1798	Thomas, Luella F.	236.23
1799	Tiedt, John	234.43
1800	Toussic, Frank J.	209.96
1801	Tracy, Frank A.	313.60
1802	Tripp, Warren	283.34
1803	Underwood, Lavern F.	228.91
1804	Underwood, William V.	220.56
1805	Van Dewater, Letta	226.64

SPECIAL APPROPRIATION

CIVIL SERVICE PAYROLL-Voucher #245

1806	Vaughn, Clarence	191.85
1807	Waters, Ernest E.	386.09
1808	Weldon, Deanna	219.21
1809	Wendell, David	256.88
1810	Zento, Norma A.	198.01
1811	Zyla, Patricia R.	62.00
TOTAL CIVIL SERVICE PAYROLL		34,718.13

SCHOOL OF MINES TAX FUND

MISCELLANEOUS PAYROLL-Voucher #721

378	Backett, Robert	190.00
379	Brown, Delmar L.	123.46
380	Chapin, Charles E.	174.95
381	Christensen, Elmer A.	66.60
382	Coleman, Rachel	233.47
383	Davis, E. V.	140.00
384	Fisher, Joseph	50.00
385	Gilmore, Curtis	87.69
386	Hancock, Mildred	20.21
387	Hill, David	123.46
388	Hoover, David L.	140.00
389	Hoover, Donald B.	174.95
390	Hoskins, Raymond A.	187.05
391	Hyun, Byung Koo	139.65
392	Jacobson, Jimmy Joe	123.46
393	Johnson, Kenneth	16.00
394	Kang, George	67.24
395	Messner, Joseph F.	229.77
396	Miles, Charles H.	123.46
397	Morris, Donald	50.00
398	Rennayik, Tiber K.	123.46
399	Rove, George	142.58
400	Roybal, Floyd	197.65
401	Ruhfus, Bernhard	119.53
402	Selters, Judith E.	43.20
403	Sims, Robert A.	123.46
404	Srinivasan, G. R.	123.46
405	Thomson, Ker C.	190.00
406	Thornton, Dale E.	189.22
407	Van Horn, Harace N.	88.44
408	Weissar, Richard	139.65
409	Varner, Don Lee	134.06
410	Winterer, Timothy	123.46
411	Worsley, Reginald	123.46
TOTAL MISCELLANEOUS PAYROLL		4,323.05

## SCHOOL OF MINES TAX FUND

## STUDENT HELP PAYROLL-Voucher #721

412	Alief, Mohammed	10.00
413	Anjier, Joseph	21.00
414	Austin, Tony	8.00
415	Barclay, James	11.00
416	Beattie, George J.	23.00
417	Beck, Emory J.	15.00
418	Bennett, Donald L.	16.00
419	Berke, William	27.00
420	Coindoc, Donald A.	13.50
421	Cederstrom Robert	56.00
422	Chasis, David	30.00
423	Chang, Luis	19.75
424	Christiansen, Howard	17.00
425	Clark, James W.	32.00
426	Clay, Larry E.	30.00
427	Clifton, Ronald W.	30.00
428	Conway, Richard D.	20.00
429	Coop, Kenneth L.	24.50
430	Copello, Gustavo J.	11.00
431	Cox, E. Eugene	28.00
432	Crumb, Robert E.	30.00
433	Dassler, Robert G.	15.00
434	Del Solar, Jose	29.00
435	Downs, George R.	30.00
436	Edwards, Thomas D.	19.25
437	Farritor, Robert L.	20.00
438	Fortuna, Lowell Haze	12.00
439	Spigler, Zvi	25.00
440	Gardes, W. H.	21.00
441	Griffee, Eugene	29.50
442	Griffin, Albert S., Jr.	20.00
443	Harmon, Jerald L.	3.00
444	Hasse, Glen	22.00
445	Heister, Bruce	30.00
446	Henry, William A.	23.00
447	Hilman, James Alan	13.50
448	Hite, John	17.25
449	Hoefner, Neal A.	30.00
450	Hutchinson, Gary	30.00
451	Inouys, Junji J.	7.00
452	Iranpur, Iraj	30.00
453	Jenkins, John Patrick	23.00
454	Jensen, Kenneth A.	14.00
455	Johnson, Robert C.	22.00
456	Judy, M. N.	8.00
457	Karlsson, Robert H.	13.50
458	Kendall, John P.	24.00
459	Kimbell, Charles L.	15.00
460	Koch, Ewald	17.00
461	Lagergren, Charles	22.00
462	Linck, Keith R.	12.00
463	Macfadyen, John D.	22.00
464	Majestic, Martin	30.00
465	Matlock, Tom	48.50
466	Mayadas, Ashok	5.00

January 8, 1960



SCHOOL OF MINES TAX FUND

STUDENT HELP PAYROLL-Voucher #721

467	McGill, Mary	30.00
468	Miley, Delmar V.	30.00
469	Miller, Curtis L.	28.00
470	Montgomery, James	30.00
471	Moore, Earl	10.50
472	Movarekhi, Parviz	30.00
473	O'Connell, Kenneth M.	8.00
474	O'Neil, Dennis E.	9.00
475	Osborne, Roger	30.00
476	Palmer, Richard	12.00
477	Pasquali, Jean	10.00
478	Patton, L. Douglas	30.00
479	Thomas, J. Perkins	9.00
480	Po Saw, T. O.	25.00
481	Powers, Judy	15.00
482	Rairden, Paul A.	30.00
483	Rapp, Edward G.	30.00
484	Reichmuth, Donald R.	30.00
485	Rossi, John	6.50
486	Royce, Gordon L.	30.00
487	Samuel, Carl William	20.00
488	Sapik, David B.	20.00
489	Schultz, Donald	17.00
490	Seymour, Lee	18.00
491	Sheehan, Dennis	30.00
492	Smith, Samuel Roger	20.50
493	Strain, Charles	11.00
494	Suarez, Francisco A.	12.00
495	Ten, Mario	44.00
496	Turner, Arnold Scott	24.00
497	Vangelisti, Ronald J.	18.00
498	Wade, Eugene H.	30.00
499	Walker, Bill	10.00
500	Warner, Gary E.	30.00
501	Wiggins, Ralph	4.00
502	Wolf, Carl	30.00
503	Wretling, Leroy	16.00
504	Wright, Joe	5.00
505	Wright, Bob	30.00
506	Yu, Jimmy	16.25
507	Zinbeck, Don	20.50
	TOTAL STUDENT HELP PAYROLL	2,034.50
	TOTAL MISCELLANEOUS AND STUDENT HELP PAYROLLS	6,357.55

SPECIAL APPROPRIATION

DEDUCTIONS ON Voucher #244

Federal Withholding Tax	9,948.95
Colorado Withholding Tax	596.97

SPECIAL APPROPRIATION

DEDUCTIONS ON Voucher #244

Retirement	4,611.67
Equitable Life Assurance Society	1,330.10
C.S.M. Credit Union	577.64
War Bonds	453.75
Mile High United Funds	79.26

SPECIAL APPROPRIATION

DEDUCTIONS ON Voucher #245

Federal Withholding Tax	1,370.89
Colorado Withholding Tax	305.90
Retirement	2,718.20
Blue Cross & Blue Shield	950.05
Colorado Employees' Credit Union	135.00
Civil Service Insurance	64.37
C.S.M. Credit Union	926.17
Mile High United Funds	25.99
War Bonds	85.00

SCHOOL OF MINES TAX FUND

DEDUCTIONS ON Voucher #721

Federal Withholding Tax	375.00
Colorado Withholding Tax	22.54
C.S.M. Credit Union	20.12

SCHOOL OF MINES TAX FUND

DEDUCTIONS ON Voucher #722

Federal Withholding Tax	<u>3,726.91</u>
-------------------------	-----------------

129,475.25

SCHOOL OF MINES TAX FUND

DEDUCTION VOUCHERS

723	State's Share of Retirement	7,178.25
724	Equitable Life Assurance Society	1,321.72

TOTAL PAYROLLS & DEDUCTION VOUCHERS

137,975.22

SPECIAL APPROPRIATION

EXPERIMENTAL PLANT PAYROLL

246	Crabtree, Edwin H., Jr.	350.71
	TOTAL EXPERIMENTAL PLANT PAYROLL	350.71

SPECIAL APPROPRIATION

EXPERIMENTAL PLANT DEDUCTIONS ON VOUCHER #246

	Federal Withholding Tax	61.00
	Colorado Withholding Tax	3.66
	Retirement	26.51
	TOTAL DEDUCTION VOUCHERS	91.17
	TOTAL EXPERIMENTAL PLANT PAYROLL AND DEDUCTIONS	441.88

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

725	Ace Box Co.	9.00
726	Ace-Kaufman Rubber Stamp & Seal Co.	17.45
727	Addison-Wesley Publishing Co., Inc.	86.96
728	The Agate Shop	15.00
729	American Geological Institute	35.00
730	American Institute of Mining, Metallurgical & Petroleum Engineers, Inc.	10.00
731	American Linen Supply Co.	126.60
732	American Personnel & Guidance Assoc.	17.00
733	American Petroleum Institute	6.00
734	American Philosophical Society	10.00
735	American Pipe & Supply Co.	133.62
736	American Society for Testing Materials	91.79
737	American Ventilation Co.	15.00
738	Aquarium, Inc.	42.54
739	Associated Publishers, Inc.	6.00
740	Assoc. of College Admissions Counselors	25.00
741	Atlas Press Co.	5.50
742	M. F. Aylar	12.32
743	Basic Chemical Corporation	288.80
744	Bell & Howell	5.60
745	Bibliographical Center for Research	50.00
746	The Book Find Club	8.28
747	Book-of-the-Month Club, Inc.	10.43
748	Brake & Clutch Service Co.	95.04
749	Braum-Knacht-Heinmann-Co.	369.71
750	Fritz Bronscho	89.64
751	Brick, Inc.	15.75

## SCHOOL OF MINES TAX FUND

## SUPPLY VOUCHERS

752	The Bristol Co.	6.78
753	Charles Bruning Co., Inc.	33.37
754	Bushler Ltd.	12.00
755	H. Dean Burdick	112.50
756	Wm. V. Burger	23.59
757	John C. Burt Insurance Agency	331.78
758	Business Machines Co.	9.75
759	Centennial School Supply Co.	6.00
760	Central Electric Supply Co.	19.59
761	Central Scientific Co.	87.69
762	Certified Chemical Products, Inc.	245.00
763	William J. Chapitis	39.20
764	Chicago, Burlington & Quincy Rail- road Co.	90.15
765	Coaches' Book Club	8.92
766	College Sports Information Directors of America	5.00
767	Colorado Central Power Co.	3,876.09
768	Colorado News Co.	117.39
769	Colorado Office Supply, Inc.	258.48
770	Colorado Research Corporation	147.29
771	G.S.M. Research Foundation, Inc.	15.20
772	Colorado Surplus Property Agency	1,906.78
773	Colorado Transcript	74.73
774	Consultants Bureau, Inc.	20.57
775	Continental Bus System, Inc.	28.60
776	Continental Oil Company	143.09
777	Ben Cook Supply Co.	696.44
778	Max Cook Sporting Goods Co.	317.14
779	Cramer Controls Corporation	19.96
780	Crest Manufacturing Co., Inc.	50.09
781	James W. Darden	24.50
782	Daffenbaugh Lumber Co.	14.50
783	Denver Air Machinery Co.	242.75
784	Denver Bookbinding Co.	183.18
785	Denver Electronic Supply Co.	23.13
786	Denver Gear & Parts Co.	115.56
787	Denver Oxygen Co.	6.05
788	Denver Post, c/o Richard Granfell	57.00
789	Earl Dickens	20.93
790	Dictaphone Corporation	21.85
791	Douleday & Co., Inc.	42.00
792	Dover Publications, Inc.	9.44
793	Duwall-Davison Lumber Co.	142.88
794	Harold H. Earhart	17.22
795	Eaton Metal Products Co.	304.50
796	Edgewater Typewriter Co.	68.75
797	Electronic Network, Inc.	14.44
798	Engineering Index, Inc.	750.00
799	Foss Drug Co.	130.78
800	M. L. Foss, Inc.	233.99
801	Gates Factory Store, Inc.	46.10
802	General Electric Supply Co.	85.54
803	Geoffroy-Lane, Inc.	17.55
804	Glidden Co.	16.57

## SCHOOL OF MINES TAX FUND

## SUPPLY VOUCHERS

805	Golden Laundry-Net	68.56
806	Golden Mill	27.00
807	Graham Paper Co.	17.01
808	W. W. Grainger, Inc.	33.31
809	Griñnell Co.	39.98
810	Hallech & Howard Lumber Co.	14.80
811	Jack Hancock	38.78
812	Harper Electric Furnace Corp.	2,969.25
813	Hassco, Inc.	21.73
814	Hendrie & Bolthoff Co.	39.33
815	H. Hoffman Co.	5.66
816	Idaho Springs Lumber Co.	248.25
817	Illinois Institute of Technology	8.00
818	Institute of Radio Engineers	100.00
819	International Business Machines Corporation	833.00
820	Iron and Steel Institute	8.96
821	Jeffco Engineering Supply Co.	75.00
822	Jefferson Transit Mix Co.	218.70
823	Walter J. Johnson, Inc.	26.09
824	John Moss Jones	8.72
825	Journal of Mathematics & Physics	6.00
826	Kallogg's Hardware, Inc.	8.12
827	Harry E. Kelsey	3.64
828	Kendrick-Bellamy Co.	123.98
829	Harry C. Kent	20.44
830	Keuffel & Esser of Colorado, Inc.	36.03
831	Keystone Valve Corporation	201.56
832	Kistler's	159.65
833	H. A. Klugman	258.80
834	Kohler McLister Paint Co.	320.54
835	Truman H. Kuhn	16.17
836	Lakewood Floor Coverings	27.00
837	Edward W. Lange	5.60
838	Longero, Inc.	6.00
839	Love & Campbell Athletic Goods	32.73
840	McCarthy Mfg. Co.	274.79
841	Dan McGill, Jr.	10.15
842	Magneflux Corporation	560.87
843	Midwest Conference on Graduate Study & Research	25.00
844	Midwest Steel & Iron Works Co.	17.72
845	Mine Safety Appliances Co.	10.00
846	Mine & Smelter Supply Co.	799.95
847	Mountain & Plain Paint Co.	8.16
848	Mountain Plains Library Assoc.	10.00
849	Mountain States Telephone & Telegraph Co.	1,638.20
850	Museum of Comparative Zoology, Harvard Univ.--Wm. J. Glench	37.50
851	Mutual Office Supply Co.	39.00
852	National Academy of Sciences--National Research Council	16.00
853	National Mine Service Co.	25.00
854	W. W. Horton & Co., Inc.	13.57

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

855	Overseas Publishers' Representatives	22.00
856	Pageant Books, Inc.	18.54
857	Paint, Inc.	6.80
858	Persomont Cleaners-Dyers	41.47
859	L. J. Parkinson	14.70
860	J. E. Payne	15.00
861	William R. Peters	18.20
862	Petroleum Information Corporation	60.00
863	Petroleum Publishers, Inc.	15.00
864	John W. Pickthall	9.24
865	Pitney-Bowes, Inc.	50.10
866	Plasticrafts, Inc.	63.90
867	Porter Brothers, Inc.	8.40
868	Porter Sargent Publisher	9.00
869	Fraeger Paperbacks, Inc.	31.96
870	Public Service Co. of Colorado	590.66
871	C.S.M. Revolving Fund	887.49
872	Riley's	29.94
873	John Rinchart	12.46
874	Rockmont Envelope Co.	327.23
875	Royal McRee Corporation	13.65
876	Ryall Electric Supply Co.	86.40
877	Sanitary Specialties Co.	51.00
878	James L. Sankovitz	32.13
879	Scribblers' Book Co.	219.88
880	Silver State Printers	14.50
881	Francis E. Smiley	5.46
882	Society for Industrial & Applied Mathematics	10.00
883	Soiltest, Inc.	19.65
884	Sondie & Bronselle	34.72
885	Special Libraries Association	7.50
886	Spax Industries, Inc.	50.66
887	Spivak Artists' Supply Co.	39.86
888	Standard Register Co.	129.89
889	Stearns-Koger Mfg. Co.	33.64
890	Stechert-Hafner, Inc.	996.38
891	Gurnett Steinhauer	16.38
892	Strawn's Stationery	1,044.33
893	Todd Co. Division--Charles R. Hadley Plant	15.15
894	Chris Tolos	77.56
895	Transport Clearings of Colorado, Inc.	26.50
896	David W. Traxler	10.01
897	Underwood Corporation	37.40
898	Dr. George Unger	15.00
899	Union Hardware & Tool Co.	39.91
900	Unistrut Western, Inc.	30.30
901	United Materials, Inc.	720.00
902	U.S. Geological Survey	12.50
903	United States Welding Works Co., Inc.	76.83
904	University of California Press	6.94
905	University of Colorado--Bureau of Visual Instruction	5.00
906	University of Minnesota	7.50

**SCHOOL OF MINES TAX FUND****SUPPLY VOUCHERS**

907	Uranium Corner, Inc.	54.50
908	John W Vanderwilt	21.59
909	Wah Chang Corporation	7.25
910	Water Information Center, Inc.	24.00
911	Western Air Lines, Inc.	105.70
912	Western Construction	10.00
913	Wild Hearbrug Instruments, Inc.	351.49
914	John Wiley & Sons, Inc.	3.74
915	Williams & Associates, Inc.	120.76
916	H. W. Wilson Co.	14.00
917	Wochrayer Printing Co.	34.40
918	World Book Company	7.01
919	KL Directory Service	17.75
920	Yorke Publishing Co., Inc.--American Journal of Surgery, Inc.	5.00
	<b>TOTAL SUPPLY VOUCHERS</b>	<b>29,311.73</b>

**MILL LEVY BUILDING FUND**

434	"Stu" Beresford, Inc.	4,811.15
435	Colorado Office Supply, Inc.	15.00
436	Max Cook Sporting Goods Co.	39.00
437	Kandrick-Bellamy Co.	87.10
438	Lowe & Campbell Athletic Goods	120.32
439	Need & Mount Construction Co.	31,835.82
440	Stores Equipment Corporation	64.58
	<b>TOTAL MILL LEVY BUILDING FUND</b>	<b>36,972.97</b>

**SPECIAL APPROPRIATION****EXPERIMENTAL PLANT**

247	C.S.M. Research Foundation, Inc.	2,307.80
	<b>TOTAL EXPERIMENTAL PLANT FUND</b>	<b>2,307.80</b>

Previous Minutes. The minutes of the meeting held on December 11, 1959 were approved as written.

Commencement Speaker. President Vanderwilt reported that in a letter dated December 17, Secretary Seaton expressed interest in accepting the invitation to be the 1960 Commencement speaker, but stated that it would not be possible to give a definite answer until "some time in February." President Vanderwilt said he had not done anything about another speaker in the hope that it would be possible to obtain Secretary Seaton. The members of the Board agreed that nothing should be done until an answer was received from Mr. Seaton.

Effective Dates on Teaching Contracts. A recommendation was presented to change the dates of the nine-month teaching period on regular school contracts. This was being recommended in order that the contract period would conform with the 1960-61 school calendar change which advanced the opening date and Commencement to September 20, 1960 and June 2, 1961, respectively.

It was felt that the dates should be general enough not to require change each year and it was also felt that the period should cover a full nine months. Following a brief discussion, it was concluded that this was an administrative matter and the Board authorized President Vanderwilt to work out the details.

Change in Title of Department. President Vanderwilt stated that in connection with studies made on the curricula revisions, it had been recommended by Professor Coke with Dean Kuhn's concurrence that the name of the Descriptive Geometry and Engineering Drawing Department be changed to "Department of Engineering Graphics." Professor Coke had given as his reason that the title used presently was much too limiting and restrictive and suggested that the scope and goals of the departments teaching such courses were too limited.

The question was raised as to whether a department of graphics was proper for a school such as the Colorado School of Mines, and also whether or not this change should be made prior to an over-all reorganization of the departments.

The Board approved the change in department titles with the understanding that this would not perpetuate the department as an entity and would not be a detriment to a possible consolidation of departments at some future date.

Head of Petroleum Refining Department. The qualifications of Dr. James H. Gary, a candidate for the position of Head of the Department of Petroleum Refining, were reviewed by President Vanderwilt. The members of the Board agreed that Dr. Gary seemed to possess eminent qualifications for the position



and approved the employment of Dr. Gary, effective June 20, 1960, at a salary based on \$10,800 per nine-month school year.

Distinguished Achievement Medals. Dr. Parker named a committee of the Board made up of Mr. Johnston, Chairman, Mr. Fenwick, and Mr. Stockmar to consider the matter of Distinguished Achievement Medals for 1960 and to bring a list of recommended candidates to the February meeting.

Van Diest Medal. President Vandervilt reported that following the meeting in December he had written to each of the degree granting department heads soliciting names of men who would qualify as a recipient of the Van Diest Medal. So far no recommendations had been received from the department heads but two names had been promised and it was hoped to have a list in time for consideration at the February meeting.

Curricula Changes. Review was made of a comparative tabulation showing changes which have been made in curricula for the freshman and sophomore years. Copies of the tabulation were distributed to the members of the Board.

The subject of eliminating ROTC as a required program was discussed and reactions reported seemed to favor the retention of the program as a requirement.

Monthly Reports. Mr. Steinhauer entered the meeting and reviewed the monthly reports as follows: Summary of Budget Appropriation and Disbursements, as of December 31, 1959; Balance Sheet, December 31, 1959; Mill Levy Building Fund, as of December 31, 1959; Experimental Plant, Summary of Budget Appropriation and Disbursements, as of December 31, 1959; Dining Hall, From November 29, 1959 through December 19, 1959; Statement of Income and Expense, Canteen, covering period November 21, 1959 through December 18, 1959; Statement of Income and Expense, Mines Park, as of December 20, 1959; Mines Park, Summary of Budget Receipts and Disbursements, as of December 20, 1959; Statement of Income and Expense, Prospector Park, as of December 20, 1959; Statement of Income and Expense, Mines Bradford Hall and New Dormitory, as of December 20, 1959; Statement of Income and Expense, C.S.M. Houses - Group #1, as of December 20, 1959; Statement of Income and Expense, C.S.M. Houses - Group #2, as of December 20, 1959; Statement of Income and Expense, Mines Park Houses - 29-36 inclusive, as of December 20, 1959; Summary of Budget Receipts and Disbursements, Mines Park Houses, 29-36 inclusive, as of December 20, 1959; Statement of Income and Expense, C.S.M. Houses Group #1 & Mines Park Houses, 29-36 inclusive, as of December 20, 1959; Statement of Income and Expense, Associated Students of the Colorado School of Mines, Inc., December, 1959; Budget Period, Associated Students of the Colorado School of Mines, Inc., December 31, 1959; and the Athletic Association, Summary of Budget Appropriations and Disbursements, as of December 20, 1959.

Dormitory Fee. In the review of the Bradford Hall and New Dormitory Statement of Income and Expense, it was noted that expense exceeded net income by a substantial amount. An increase in the dormitory room and board fee was considered in view of future needs for financing additional dormitories and the possibility of having to pledge dining hall income toward college union construction.

Upon motion, duly seconded, and unanimously passed, the fee for room and board in the dormitories was increased from \$630 to \$675 per school year, effective September 1, 1960, with the fee for the summer sessions to be worked out by the administration on a proportionate basis.

HMFA Application. Mr. Steinbauer stated that an application for financing of fraternity row, married student housing, and a college union had been submitted to the Housing and Home Finance Agency in Fort Worth, as suggested by the HMFA representative. He had been advised that as of November 5, 1959 all funds made available by congress had been allocated and further commitments must wait until additional funds were made available. Under the circumstances, a previously proposed meeting for discussions was not held. Mr. Steinbauer reviewed the application submitted for the information of the Board.

The meeting was recessed for lunch and later resumed in the President's Office.

Clay Pit Area. Mr. Steinbauer stated there was nothing new to report. It was felt that in order to obtain an answer from Mr. Parfet, he should be informed that an application had been submitted and that we have an urgent need for specific plans.

Presidents' Association. President Vanderwilt gave a brief background of the organization and the work being done and being asked of the Association. Mr. Steinbauer stated that prior to this year the budget was established by special assessment to cover costs for items such as the legislative dinner, films on projected enrollment, etc. The portion paid by the School of Mines was 12% of the total budget. For 1959-60 and 1960-61, the budget for the Presidents' Association is approximately \$28,000 and each college has shown its proportionate share as a line item in the budget presented to the legislative budget committee.

The Board gave President Vanderwilt authority to go along with the plan that would allow the setting up of a fact-finding group with no authoritative power, such group to report back to the Presidents' Association, and such group to be separated from any of the individual campuses. Approval was subject to the final determination of the legality of such a plan.

Student Health Plan. President Vanderwilt reviewed the questions raised the previous year as to how far the Student Health and Accident Plan should go to protect and cover students who engage in hazing and similar activities, and also whether a student who caused an injury in such a situation should be asked to pay damages.

Mr. Steinhauer reported that the Claims Committee had set up a sub-committee to study the matter. The recommendation of the sub-committee, later confirmed by the Claims Committee, had been that "No payment shall be made under this policy for any loss resulting directly or indirectly, wholly or partly by participation in or in consequence of having participated in the committing of a felony which results in conviction."

It was moved, seconded, and unanimously passed that the recommendation be approved.

Science Building Location. It was reported that there had not been any further contact with Mr. Buell. Other possible locations for the science building were reviewed. The Board instructed Dr. Vanderwilt to try to determine Mr. Buell's final decision and if the answer was that Mr. Buell did not care to sell to the school, another site would be considered.

CSM Research Foundation Building Plans. The Board reviewed the building program in progress at the CSM Research Foundation.

CSM Research Foundation Reports. President Vanderwilt presented for information the following reports: Prospector Service, December, 1959; and Progress Report on Western Coals, November-December, 1959.

The meeting adjourned at 2:30 p.m.

---

Secretary

Golden, Colorado  
February 12, 1960

The Board of Trustees met in regular session on February 12, 1960, at 8:30 a.m., in the President's Office at the Colorado School of Mines, Golden, Colorado.

Present: Messrs. Johnston, Parker, and Stockmar.

Absent: Messrs. Coors and Fenwick.

President Vanderwilt attended the meeting.

Dr. Parker, President of the Board, presided.

Bills against the SPECIAL APPROPRIATION, SCHOOL OF MINES TAX FUND, and the MILL LEVY BUILDING FUND were examined and allowed as set forth on the following pages, Nos. 2 through 15, inclusive.

February 12, 1960

## SPECIAL APPROPRIATION

## FACULTY PAYROLL - Voucher #248

1812	Axtell, James G.	426.28
1813	Aylor, Maynard	393.64
1814	Babcock, Henry A.	476.38
1815	Badgley, Peter C.	461.52
1816	Bainbridge, Douglas	533.90
1817	Barb, Clark F.	645.90
1818	Bartunok, Paul F.	522.15
1819	Bauman, Victor W.	389.48
1820	Bisquo, Ramon E.	407.58
1821	Bloom, Harold	369.46
1822	Bronnacke, Fritz S.	599.39
1823	Bryner, Leonid	382.01
1824	Burdick, H. Dean	569.61
1825	Burger, William V.	556.24
1826	Campbell, Frank R.	481.09
1827	Carpenter, Frederick	497.96
1828	Carpenter, Robert H.	521.79
1829	Chapitis, William J.	422.49
1830	Coha, John M.	544.76
1831	Compton, W. D.	432.01
1832	Conroy, Bernetta	364.59
1833	Cook, George S.	461.54
1834	Crowder, Troy F.	672.13
1835	Darden, James	428.13
1836	Darnell, Byron	289.13
1837	Davies, Joseph E.	440.43
1838	Day, Robert B.	386.76
1839	Dunke, Walter H.	581.75
1840	Eerhert, Harold H.	575.51
1841	Edwards, Kenneth W.	299.85
1842	Epie, Rudy C.	373.81
1843	Ferrell, Edward F.	363.27
1844	Fisher, Edward G.	401.42
1845	Flatcher, Hilbert E.	436.10
1846	Fox, Leland S.	358.11
1847	Fritts, Paul J.	375.92
1848	Frost, Hildreth, Jr.	432.05
1849	Frush, Charles G.	493.65
1850	Fry, Frances L.	326.30
1851	George, John M.	353.27
1852	Gibbons, Madeline	348.66
1853	Goman, Albert L.	452.64
1854	Gross, Clara C.	395.36
1855	Grosvenor, Miles E.	440.71
1856	Gusy, Wilbur J.	356.59
1857	Gutzman, Raymond R.	435.78
1858	Hall, James L.	315.08
1859	Hancock, John W.	369.47
1860	Hartkammer, L. W.	506.45
1861	Hasbrouck, Wilfred P.	376.85
1862	Hann, John D.	459.51
1863	Hayes, John R.	525.39
1864	Hebel, Ivan L.	513.09
1865	Hepworth, Malcolm T.	437.97
1866	Hollister, John C.	674.94

## SPECIAL APPROPRIATION

## FACULTY PAYROLL - Voucher #248

1867	Houghton, Augustus S.	398.30
1868	Hughes, Richard V.	629.76
1869	Hutchinson, Robert M.	503.42
1870	Johnson, Don H.	396.22
1871	Johnson, George W.	459.20
1872	Johnstone, James G.	429.58
1873	Jones, John H.	357.15
1874	Jordan, A. Raymond	746.90
1875	Jurney, William H.	530.15
1876	Keating, Paul H.	499.09
1877	Kelly, T. A.	554.87
1878	Kelsey, Harry R.	442.10
1879	Kent, Harry C.	345.99
1880	Kline, John V.	498.44
1881	Klugman, Michael A.	423.18
1882	Kochler, Edward C.	181.86
1883	Kuhn, Truman H.	1,033.44
1884	Lafferty, Michael H.	311.04
1885	Laubach, Winton	269.62
1886	Lahaire, George W.	527.28
1887	Lantz, Oscar	385.94
1888	LaRoy, Leslie W.	831.12
1889	Long, V. Allan	602.19
1890	Lucas, George E.	417.13
1891	Marsh, Donald C. B.	374.87
1892	Marshall, Scott J.	445.52
1893	Mateer, Warren D.	387.98
1894	Mathews, Frank S.	503.23
1895	Meridath, George T.	623.33
1896	Merrin, James	466.85
1897	Milich, Dale	332.16
1898	Moore, Fred E.	362.61
1899	Morgan, Lyman W.	525.47
1900	Nordquist, Carl G.	421.14
1901	Ogden, Lawrence	401.49
1902	Osborn, Robert B.	455.47
1903	Parker, Ben H., Jr.	324.95
1904	Perkinson, Lute J.	711.81
1905	Paynter, Thomas E.	483.39
1906	Pearson, Robert E.	358.11
1907	Pegis, Anton G.	453.68
1908	Peters, William R.	475.00
1909	Pierce, Albert L.	353.65
1910	Fehrte, Theodore W.	424.64
1911	Poole, H. Gordon	748.11
1912	Preston, Ronald D.	507.40
1913	Prince, Lawrence J.	452.42
1914	Pugh, Bill R.	415.15
1915	Richtmann, William M.	499.83
1916	Rinehart, John S.	819.20
1917	Rodgers, Paul A.	468.13
1918	Rowland, David A.	331.88
1919	Sankovitz, James L.	402.43
1920	Schieltz, H. Cyril	558.94
1921	Shull, Charles M., Jr.	416.83

## SPECIAL APPROPRIATION

## FACULTY PAYROLL - Voucher #248

1922	Sisson, George T.	326.99
1923	Smiley, Francis E., Jr.	471.85
1924	Starks, Charles W.	446.19
1925	Steinhauer, Garnett	776.19
1926	Sutherland, Joycelyn	286.27
1927	Taylor, Robert J.	344.24
1928	Thomas, John C.	151.53
1929	Tolos, Chris	406.86
1930	Trexler, David W.	422.16
1931	Vanderwilt, John W	1,106.83
1932	Weimer, Robert J.	438.81
1933	Wickmann, Arthur P.	345.62
1934	Wilcox, Virginia Lee	555.50
1935	Williams, Art	442.09
1936	Williams, John T.	472.96
1937	Williams, Terrence J.	318.99
1938	Wright, Curtis	382.29
1939	Wright, W. Lloyd, M. D.	481.64

TOTAL FACULTY PAYROLL

59,312.50

## SPECIAL APPROPRIATION

## CIVIL SERVICE PAYROLL - Voucher #249

1940	Aldridge, M. Floyd	154.61
1941	Bain, Miriam W.	189.84
1942	Baker, Thomas J.	307.35
1943	Berkedale, Becky A.	209.01
1944	Barthel, William Levi	252.72
1945	Baxter, Viola	179.93
1946	Bednar, Cecelia	217.18
1947	Berlin, Avis M.	151.44
1948	Billingham, Charles	263.97
1949	Blevins, Vera	204.88
1950	Bliss, Mary Geneva	194.58
1951	Braun, Frank J.	249.48
1952	Brill, Edward	263.65
1953	Britton, Esther	196.00
1954	Brobeck, Harold V.	254.05
1955	Brindle, Estel	217.74
1956	Bufmak, Frank	223.33
1957	Burtlow, Cedric Gene	262.84
1958	Bussert, Shirley	221.51
1959	Campbell, Russel E.	300.74
1960	Carder, Charlotte	183.41
1961	Carlson, Phyllis	236.68
1962	Carver, Walter B.	219.03
1963	Casady, Leonard D.	332.58
1964	Caster, Rosalie	215.48
1965	Chambers, Paul L.	289.30
1966	Childers, Eagra M.	299.39
1967	Connor, Rex L.	256.45

## SPECIAL APPROPRIATION

## CIVIL SERVICE PAYROLL - Voucher #249

1968	Crebtree, John Arrie	268.94
1969	Danley, Clint E.	152.72
1970	Dickens, Earl	409.28
1971	Dilts, Glenn	242.17
1972	Dillon, Dorothy	207.21
1973	Dillon, Ross Harold	284.09
1974	Dinkmeyer, Elvera E.	283.39
1975	Dolan, Francis	324.70
1976	Doller, Claude E.	226.78
1977	Donshee, George W.	268.94
1978	Drake, Ollie L.	168.98
1979	Dugger, Helen	231.36
1980	Dygert, Harold	204.91
1981	Easley, Fred D.	339.38
1982	Eastin, Dick	222.13
1983	Eddleman, Janice C.	224.56
1984	Ervin, Madelyn E.	214.48
1985	Farmer, Clarence J.	219.03
1986	Fortune, William E.	307.35
1987	Gallegos, Alfred J.	284.90
1988	Gillchrist, Clarence	202.15
1989	Godfrey, J. H.	234.93
1990	Good, Doris	186.68
1991	Goodhead, James W.	191.54
1992	Gregory, Clyde G.	348.65
1993	Grewal, Martha H.	236.68
1994	Hass, Theodore E.	276.83
1995	Hader, Albert N.	198.61
1996	Hankel, Alma L.	196.43
1997	Hansen, Ola E.	211.03
1998	Hatfield, John D.	266.32
1999	Hesberger, Clarence G.	376.43
2000	Hofmeister, Edward C.	234.25
2001	Hoskins, Raymond	172.41
2002	Howarter, William H.	211.82
2003	Hungness, Carl Hall	258.14
2004	Jenson, Hendrietta O.	220.51
2005	Johnston, Helen	256.34
2006	Kerley, Walter C.	184.10
2007	Koch, William O.	166.87
2008	Kruger, Richard F.	217.81
2009	Kubesh, Josephine	205.70
2010	Lamb, Melanee B.	205.48
2011	Lange, Edward	324.27
2012	Lee, William	313.71
2013	Liets, Rudolph	254.05
2014	Ljungvall, Donald	271.39
2015	Loving, Orville O.	354.93
2016	Mandiloff, Deaa M.	281.75
2017	Mandiloff, Vasil C.	233.93
2018	Marvin, Thomas	215.88
2019	Matthews, Arthur W.	183.01
2020	Mattson, Walter	274.25
2021	McNulty, Susan Lee	198.41
2022	McPhail, Vernon W.	178.41



## SPECIAL APPROPRIATION

## CIVIL SERVICE PAYROLL - Voucher #249

2023	Melcher, Adolf A.	194.06
2024	Mester, Chris L.	307.10
2025	Miller, Robert A.	335.72
2026	Miller, Shirley	247.70
2027	Minaff, Peter	209.60
2028	Moore, Onaca	235.17
2029	Mosher, Edgar	279.55
2030	Mosier, Thurman	262.01
2031	Handrae, Michael	207.51
2032	Nicholls, Clarence	364.83
2033	Nobles, William	183.60
2034	Obermayer, Robert H.	212.75
2035	O'Leary, Thomas F.	306.10
2036	O'Neil, Milton F.	372.88
2037	Paddleford, Mary	238.49
2038	Parsons, Dorothy M.	185.94
2039	Parsons, Von E.	236.68
2040	Partridge, Jesse C.	166.77
2041	Patton, Sylvia D.	269.04
2042	Payne, Jesse E.	319.08
2043	Perex, John R.	188.71
2044	Perex, Jose M.	252.00
2045	Peters, Roy V.	202.91
2046	Pickthall, John W.	385.40
2047	Ratcliff, John B.	324.95
2048	Rheams, Ruth Ann	283.24
2049	Richards, Robert H.	330.25
2050	Robb, Donald	202.15
2051	Rushton, John E.	270.15
2052	Sackett, Ruth N.	232.71
2053	Schader, Loretta B.	218.30
2054	Schieffelin, Eleanor	269.48
2055	Schmidt, Katharyn A.	209.21
2056	Siefken, Elizabeth F.	194.56
2057	Simpson, Albert E.	265.74
2058	Simpson, Bert D.	194.65
2059	Simpson, Frances	237.67
2060	Simpson, Minnie	126.48
2061	Slahn, August	177.66
2062	Sledd, James Thomas	226.08
2063	Smith, Mildred	250.33
2064	Spencer, Robert A.	380.83
2065	Stark, Henry C.	241.70
2066	Steffonich, Marvyl I.	257.03
2067	Stein, Otto J.	198.36
2068	Sterling, Mary Ann	266.49
2069	Stolpe, Vincent R.	351.80
2070	Teer, Lacy	198.61
2071	Thomas, Laverne F.	225.08
2072	Thomas, Luella F.	235.73
2073	Tiedt, John	233.93
2074	Tomic, Frank J.	209.96
2075	Tracy, Frank A.	313.10
2076	Tripp, Warren	282.84
2077	Underwood, Lavern P.	228.41

SPECIAL APPROPRIATION

CIVIL SERVICE PAYROLL - Voucher #249

2078	Underwood, William V.	220.56
2079	VanDewerker, Letta	226.64
2080	Vaughn, Clarence	202.45
2081	Waters, Ernest E.	385.59
2082	Weldon, Desana	236.16
2083	Wendell, David	117.29
2084	Zanto, Norma A.	204.88
	TOTAL CIVIL SERVICE PAYROLL	35,410.84

SPECIAL APPROPRIATION

MISCELLANEOUS PAYROLL - Voucher #250

2085	Baker, Ronald	30.00
2086	Beckett, Robert	190.00
2087	Brown, Delmer L.	123.46
2088	Chapin, Charles E.	174.95
2089	Coleman, Rachel	209.89
2090	Davis, E. W.	140.00
2091	Fisher, Joseph	10.00
2092	Gilmore, Curtis	47.50
2093	Hancock, Mildred	24.03
2094	Hill, David	123.46
2095	Hoover, David L.	140.00
2096	Hoover, Donald B.	174.95
2097	Hyun, Byung Koo	139.63
2098	Jacobson, Jimmy Joe	123.46
2099	Johnson, Kenneth	12.00
2100	Kang, George	35.00
2101	Messner, Joseph F.	229.77
2102	Miles, Charles H.	123.46
2103	Morris, Donald	10.00
2104	Remanyik, Tibor K.	123.46
2105	Rowe, George	142.58
2106	Ruhfus, Bernhard	119.53
2107	Selters, Judith E.	21.60
2108	Sims, Robert A.	164.35
2109	Srinivasan, G. R.	123.46
2110	Thomson, Ker C.	190.00
2111	Thornton, Dale E.	197.63
2112	Van Horn, Horace H.	84.48
2113	Weissar, Richard	139.65
2114	Wang, Yung Liang	67.24
2115	Warner, Don Lee	70.00
2116	Winterer, Timothy	123.46
2117	Worsley, Reginald	123.46
	TOTAL MISCELLANEOUS PAYROLL	3,752.50

## SPECIAL APPROPRIATION

## STUDENT HELP PAYROLL - Voucher #250

2118	Aliaf, Mohammed	10.00
2119	Asha, Ismet	3.00
2120	Barclay, James	10.00
2121	Basch, Roger	64.00
2122	Beattie, George J.	18.00
2123	Bennett, Donald L.	6.00
2124	Berke, William	11.50
2125	Burrell, Fred	30.00
2126	Burt, Charles R.	28.00
2127	Caindec, Donald A.	11.50
2128	Chasis, David	16.00
2129	Cheng, Luis	26.50
2130	Christiansen, Howard	10.00
2131	Ciani, Leroy	4.50
2132	Clay, Larry E.	20.00
2133	Clifton, Ronald W.	30.00
2134	Conway, Richard D.	19.00
2135	Coop, Kenneth L.	15.50
2136	Copello, Gustavo J.	24.50
2137	Cox, E. Eugene	25.00
2138	Crabtree, Edwin III	30.00
2139	Crumb, Robert E.	30.00
2140	Dassler, Robert G.	12.00
2141	Del Solar, Jose	25.00
2142	Downs, George R.	23.00
2143	Edwards, Thomas D.	19.50
2144	Erskine, Melville C.	30.00
2145	Ferriter, Robert L.	10.00
2146	Gerdas, W. H.	54.00
2147	Griffes, Eugene	63.50
2148	Griffin, Albert S., Jr.	16.50
2149	Hassa, Glen	9.00
2150	Heister, Bruce	30.00
2151	Heury, William A.	18.00
2152	Hilman, James Alan	5.00
2153	Holcomb, George	30.00
2154	Hutchinson, Gary	30.00
2155	Inouye, Junji J.	2.00
2156	Jenkins, John Patrick	17.00
2157	Jensen, Kenneth A.	7.00
2158	Judy, M. M.	6.00
2159	Karlsson, Robert H.	20.00
2160	Kendall, John P.	16.00
2161	Kimbell, Charles L.	30.00
2162	Koch, Ewald	16.00
2163	Koksoy, Numin	45.50
2164	Lagergren, Charles	16.00
2165	Lares, Carlos	24.00
2166	Linck, Keith R.	20.00
2167	Londono, Hernando	30.00
2168	MacFadyen, John D.	8.00
2169	Majestic, Martin	30.00
2170	Marguaron, Claudio	30.00
2171	Mayadas, Ashok	13.50
2172	McGill, Mary	27.75

SPECIAL APPROPRIATION

STUDENT HELP PAYROLL - Voucher #250

2173	Miley, Delmar V.	30.00
2174	Miller, Curtis L.	29.00
2175	Montgomery, James	30.00
2176	Moore, Earl	23.50
2177	Morgan, William R.	18.00
2178	Mevarekhi, Parvis	8.00
2179	O'Connell, Kenneth M.	6.00
2180	Osborne, Roger	20.00
2181	Palmer, Richard	6.00
2182	Yasqueli, Jean	10.00
2183	Patton, L. Douglas	20.00
2184	Pentilla, William C.	12.75
2185	Thomas, J. Perkins	13.00
2186	Po Saw, T. O.	40.00
2187	Pothast, Kent	5.00
2188	Powers, Judy	18.50
2189	Frescott, Robert A.	16.00
2190	Rairden, Paul A.	30.00
2191	Rapp, Edward G.	17.00
2192	Reichmuth, Donald R.	19.00
2193	Royce, Gordon L.	30.00
2194	Sample, Roy	16.00
2195	Sapik, David B.	31.00
2196	Schultz, Donald	8.00
2197	Selters, John	31.00
2198	Sethi, K. R.	42.00
2199	Seymour, Lee	14.50
2200	Sheehan, Dennis	30.00
2201	Strain, Charles	4.00
2202	Suarez, Francisco A. P.	9.00
2203	Turner, Arnold Scott	18.00
2204	Vangelisti, Ronald J.	18.00
2205	Vera, Edgar R.	30.00
2206	Von Boeck, Rene	30.00
2207	Wade, Eugene H.	30.00
2208	Walker, Bill	7.00
2209	Warner, Gary E.	30.00
2210	Whittaker, G. Allen	43.00
2211	Wiggins, Ralph	3.75
2212	Wright, Joe	12.00
2213	Wright, Bob	30.00
2214	Yu, Jimmy	20.50
2215	Zimbeck, Don	11.00
	TOTAL STUDENT HELP PAYROLL	2,049.75
	TOTAL MISCELLANEOUS & STUDENT HELP PAYROLLS	5,802.25

SPECIAL APPROPRIATION

DEDUCTIONS ON VOUCHER #248

Federal Withholding Tax	9,792.83
-------------------------	----------

SPECIAL APPROPRIATION

DEDUCTIONS ON VOUCHER #243

Colorado Withholding Tax	587.60
Retirement	4,559.60
Equitable Life Assurance Society	1,335.10
C.S.M. Credit Union	680.93
War Bonds	453.75
Mile High United Funds	83.26

SPECIAL APPROPRIATION

DEDUCTIONS ON VOUCHER #249

Federal Withholding Tax	5,212.40
Colorado Withholding Tax	312.76
Retirement	2,781.65
Blue Cross & Blue Shield	992.43
Colorado Employees' Credit Union	135.00
C.S.M. Credit Union	1,043.16
Civil Service Insurance	94.37
Mile High United Funds	15.99
War Bonds	85.00

SPECIAL APPROPRIATION

DEDUCTIONS ON VOUCHER #250

Federal Withholding Tax	318.05
Colorado Withholding Tax	19.11
C.S.M. Credit Union	<u>20.12</u>

129,048.74

SPECIAL APPROPRIATION

DEDUCTION VOUCHERS

251	State's Share of Retirement	7,184.63
252	Equitable Life Assurance Society	1,326.67

TOTAL PAYROLLS & DEDUCTION VOUCHERS 137,560.04

SPECIAL APPROPRIATION

EXPERIMENTAL PLANT PAYROLL

253	Crabtree, Edwin H.	350.71
-----	--------------------	--------

TOTAL EXPERIMENTAL PLANT PAYROLL 350.71

**SPECIAL APPROPRIATION**

**EXPERIMENTAL PLANT DEDUCTIONS ON VOUCHER #253**

Federal Withholding Tax	61.00	
Colorado Withholding Tax	3.66	
Retirement	26.51	
<b>TOTAL DEDUCTION VOUCHERS</b>		<b>91.17</b>
<b>TOTAL EXPERIMENTAL PLANT PAYROLL AND DEDUCTIONS</b>		<b>441.88</b>

**SCHOOL OF MINES TAX FUND**

**SUPPLY VOUCHERS**

921	Elk Coal Co.	3,997.58
922	Addressograph-Multigraph Corp.	37.79
923	Aero Service Corporation	46.53
924	Alberta Society of Petroleum Geologists	7.75
925	Allen Bearings Supply Co.	79.20
926	Amateur Athletic Union of the United States	6.40
927	American Ceramic Society, Inc.	20.00
928	American Chemical Society	436.00
929	American City Magazine	30.00
930	American College Public Relations Association	100.00
931	American Institute of Physics	107.00
932	American Library Association	13.50
933	American Linen Supply Co.	74.46
934	American Pipe & Supply Co.	112.56
935	American Society of Civil Engineers	32.00
936	American Society of Mechanical Engineers	58.00
937	Arizona Geological Society	6.25
938	"Ars Hungarica"	6.00
939	Association of American State Geologists	5.00
940	Assoc. for Applied Solar Energy	12.50
941	Astec Photocopy Company	5.50
942	Baldwin-Lima-Hamilton Corp.	2,450.00
943	Bibliographical Center for Research	330.00
944	Braun-Knocht-Heimann-Company	338.03
945	Fritz S. Brennecke	84.00
946	Charles Bruning Co., Inc.	29.34
947	Leonid Bryner	7.96
948	H. Dean Burdick	6.58
949	William V. Burger	17.71
950	Burrallie's Press Clipping Bureau	163.65
951	Business Machines Co.	6.50
952	Carpenter Paper Co.	64.88
953	Central Scientific Co.	11.06
954	Certified Chemical Products, Inc.	57.00
955	Chicago, Burlington & Quincy Railroad	67.30

## SCHOOL OF MINES TAX FUND

## SUPPLY VOUCHERS

956	Clover Radio & TV Service	84.95
957	Mel Coffman Associates, Inc.	149.70
958	City of Golden	1,511.33
959	Colorado Central Power Co.	3,741.25
960	Colorado Engraving Co.	535.64
961	Colorado News Co.	1,847.02
962	Colorado Office Supply, Inc.	83.74
963	Colorado Surplus Property Agency	904.79
964	Columbia University Press	22.50
965	Ben Cook Supply Co.	114.22
966	Max Cook Sporting Goods Co.	307.32
967	Cowan Publishing Corporation	6.00
968	Crucible Steel Co. of America	10.30
969	James Darden	44.10
970	Joseph E. Davies	12.46
971	Denver Bookbinding Co.	507.74
972	Denver Electronic Supply Co.	25.97
973	Denver Air Machinery Co.	190.89
974	Denver Oxygen Co.	39.60
975	Earl Dickens	13.58
976	Division of Rehabilitation for the Blind	52.70
977	E. I. DuPont de Nemours & Co.	183.63
978	Duvall-Devison Lumber Co.	184.42
979	Harold H. Earhart	17.08
980	Edgewater Typewriter Co.	345.00
981	Educational & Institutional Co- operative Service, Inc.	123.75
982	Electric Motor Supply Co.	5.40
983	Electronic Network, Inc.	21.50
984	Elk Coal Co.	4,332.75
985	Emblem Tops & Label Co.	26.01
986	Emerson-Trussell Book Co.	9.89
987	Engineers' Council for Professional Development, Dr.	13.50
988	Engineering Economist	6.00
989	F. W. Faxon Co., Inc.	29.50
990	Federal Envelope Co.	133.03
991	Norma L. Flynn	5.00
992	Foss Drug Co.	155.80
993	H. L. Foss, Inc.	131.39
994	Frankel Carbon & Ribbon Co.	425.76
995	Steve Frederick Chevrolet Co.	49.84
996	Gardner-Denver Company	48.24
997	Garlock Packing Co.	15.55
998	Gates Factory Store, Inc.	30.76
999	General Binding Corporation & Subsidiaries	95.21
1000	General Electric Co.--X-Ray Dept.	6.91
1001	General Radio Co.	440.00
1002	G & L Granite Co.	94.00
1003	The Glidden Co.	25.00
1004	Golden Laundry-Net	62.96
1005	Golden Motors, Inc.	171.57
1006	George Gorton Machine Co.	5.78

## SCHOOL OF MINES TAX FUND

## SUPPLY VOUCHERS

1007	Gougar & Todd Sporting Goods Co.	21.60
1008	W. W. Grainger, Inc.	14.72
1009	Gregory Industries, Inc.	273.00
1010	Grinnell Co.	7.62
1011	Hallack & Howard Lumber Co.	15.20
1012	Jack Hancock	52.29
1013	Harper & Brothers	12.75
1014	Hassco, Inc.	31.83
1015	Hendris & Bolthoff Co.	27.87
1016	Hicks-Denver Co.	130.13
1017	A. B. Hirschfeld Press, Inc.	5,187.00
1018	Historical Society of Montana	8.50
1019	Hollywood Venetian Blind Co.	26.65
1020	Industrial Division--American Radiator and Standard Sanitary Corp.	50.50
1021	Inasco Co., Inc.	22.50
1022	International Business Machines Corporation	972.04
1023	Istituto Geofisico Italiano	36.00
1024	Jensen Paper Co.	26.00
1025	K.C. Construction Supply Co.	159.30
1026	Kellogg's Hardware, Inc.	20.45
1027	Kistler's	19.20
1028	Jakub Klinger	31.22
1029	Michael H. Lafferty	27.16
1030	Edward W. Lange	14.77
1031	L & M Builders Supply Co.	14.72
1032	V. Allan Long	136.60
1033	Low & Campbell Athletic Goods	106.37
1034	McMurtry Mfg. Co.	105.48
1035	Olin Mathieson Chemical Corp.	215.00
1036	I. R. Maxwell & Co. Ltd.	15.90
1037	James Merrin	53.50
1038	Meyer Hardware & Sporting Goods	46.88
1039	Midwest Saw Filing & Grinding Works	8.70
1040	Mine Safety Appliances Co.	10.00
1041	Miner's Assay Office	32.00
1042	Mine and Smelter Supply Co.	498.14
1043	Moore Business Forms, Inc.	23.02
1044	Motor Car Pool (Revolving Fund)	426.79
1045	Mountain & Plain Paint Co.	100.36
1046	Mountain States Telephone & Tele- graph Co.	1,669.74
1047	E. H. Murray Co.	288.00
1048	Mutual Office Supply Co.	202.42
1049	National Mine Service Co.	25.00
1050	National Review Magazine	15.00
1051	Milton O'Neil	1.82
1052	Palaeontological Association	6.25
1053	Paramount Cleaners-Dyers	30.60
1054	Paradise Decorating Company	10.30
1055	Ben Parker, Jr.	3.50
1056	L. J. Parkinson	11.62
1057	Frank Paxton Lumber Co.	542.97
1058	J. E. Payne	15.00



## SCHOOL OF MINES TAX FUND

## SUPPLY VOUCHERS

1059	Pearce Drill Steel Corporation	257.88
1060	Fearless Alloy Co.	7.50
1061	William R. Peters	56.82
1062	Petroleum Press Service	10.65
1063	Phillips Petroleum Co.	33.50
1064	John W. Pickthall	9.38
1065	Fitney-Bowes, Inc.	50.10
1066	Plasticrafts, Inc.	291.36
1067	Poindexter Electric Co.	21.24
1068	Pro-Chem Co.	10.62
1069	Public Service Co. of Colorado	407.84
1070	Quigley Company, Inc.	18.48
1071	E. G. Reilly Co.	43.76
1072	Remington Rand	39.30
1073	C.S.M. Revolving Fund	1,020.21
1074	Rinehart Oil News Co. of Texas	17.50
1075	Rockmont Envelope Co.	199.74
1076	Rocky Mountain News--c/o Terry J. Welch	35.84
1077	Rocky Mountain Railroad Club	12.50
1078	Sachs-Lawlor	35.38
1079	Safety Equipment Co.	9.91
1080	Samborn Company	4,570.00
1081	James L. Sankovitz	56.03
1082	E. H. Sarant & Co.	5.50
1083	Scribbler's Book Co.	429.80
1084	Serv-All Parts Co.	8.56
1085	Sherwin-Williams Co.	46.80
1086	Simplex Time Recorder Co.	40.38
1087	Francis E. Smiley, Jr.	75.00
1088	Societe de Productions Documentaires	40.01
1089	Sondia & Bronelle	52.89
1090	Southwest Publishing Co., Inc.	6.56
1091	Robert A. Spencer	1.82
1092	Standard & Poor's Corporation	84.00
1093	State Purchasing Agent--Revolving Fund No. 2101	122.95
1094	George H. Steffonich	94.60
1095	Gurnett Steinhauer	14.56
1096	Strawn's Stationery	310.71
1097	B. K. Sweeney Co.	193.40
1098	Technical Equipment Corporation	165.60
1099	Thermo-Fax Sales of Colorado, Inc.	399.52
1100	Chris Toles	80.92
1101	Transport Clearings of Colorado, Inc.	61.42
1102	Fritz S. Brennecke	158.50
1103	Varco Incorporated	22.23
1104	Underwood Corporation	147.44
1105	Union Pacific Railroad	181.55
1106	Union Supply Co.	89.55
1107	United Air Lines	214.60
1108	United Materials, Inc.	132.00
1109	U. S. Geological Survey	12.72
1110	U. S. Welding Works Co., Inc.	65.06
1111	United Tool and Material Co.	15.43

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

1112	Universal Tractor Co.	73.54	
1113	University of Colorado--Research Service Laboratory	48.00	
1114	University of Michigan Press	13.00	
1115	John W Vanderwilt	15.17	
1116	Vari-Typer Corporation	32.50	
1117	Victor Machinery Exchange, Inc.	49.95	
1118	Rudolf von Huene	101.10	
1119	L. B. Walker Radio Co.	59.33	
1120	Ward Terry and Co.	13.63	
1121	Weiner Bros. Elect. Supply Co.	130.92	
1122	West Chemical Products, Inc.	136.95	
1123	Western Filter Co.	5.93	
1124	Western Seed Company	160.50	
1125	Westinghouse Electric Corporation	340.72	
1126	XL Directory Service	17.75	
1127	Yellowstone-Bighorn Research Assoc., Inc.	5.00	
1128	Zep Manufacturing Corporation	117.37	
	TOTAL SUPPLY VOUCHERS		49,844.22

MILL LEVY BUILDING FUND

441	Bell Plumbing & Heating Co.	6,189.60	
442	Colorado Surplus Property Agency	113.88	
443	Emblem Tape & Label Co.	14.72	
444	Kendrick-Bellamy Co.	27.50	
	TOTAL MILL LEVY BUILDING FUND		6,345.70

Previous Minutes. The minutes of the meeting held on January 8, 1960 were approved.

Honorary Degree. President Vanderwilt reviewed a letter written January 18, 1960 by Dr. James Boyd recommending Mr. Marx Hirsch for an honorary degree. Dr. Vanderwilt also reviewed Mr. Hirsch's background as chairman and president of the Molybdenum Corporation of America and his work in the metallurgy and mining fields.

The Board instructed President Vanderwilt to try to obtain more information on Mr. Hirsch from Dr. Boyd.

No further action was taken.

Commencement Speaker. President Vanderwilt reported that he was still awaiting an answer from Secretary Seaton. Other possible speakers were discussed. The Board authorized President Vanderwilt to take the necessary steps to obtain another speaker in the event Secretary Seaton could not be obtained.

Distinguished Achievement Medals. Mr. Johnston reported on his committee recommendation that five alumni definitely be awarded Distinguished Achievement Medals and if the Board wished to award more than five Medals, the committee had recommendations to make for the sixth and seventh Medals. The five first preferences of the committee were:

Theodore F. Adams, Geol. E. 1929  
Max W. Bowen, E. M. 1924  
Robert C. Earlougher, P. E. 1936  
Vernon L. Mattson, E. M. 1926  
Benjamin F. Zwick, P. E. 1929

The motion was made, seconded, and unanimously carried that Distinguished Achievement Medals be awarded to the five alumni listed as first preferences by the committee.

Van Diest Medal. General qualifications of recipient and conditions for awarding the Van Diest Medal were discussed. Names of those recommended were reviewed.

The Board instructed President Vanderwilt to ask the heads of degree-granting departments to review the names which have been suggested as candidates and give their recommendations, from this list or from other sources, in time for consideration at the March meeting of the Board. The department heads should also be asked to suggest a proper program for an annual review of prospective candidates for the Van Diest Medal.

Consolidation of Departments. President Vanderwilt stated that as reviewed briefly in previous meetings, consideration was being given to combining several of the smaller departments. He read a memorandum from Dean Kuhn dated February 10, 1960 in which Dean Kuhn recommended the combination of the departments of Engineering Graphics, Civil Engineering, Electrical Engineering, and Mechanical Engineering into one department to be called the "Department of Engineering."

The question was raised as to whether or not the term "Department of Engineering" was the correct one to use to designate the department. It was suggested that further consideration be given to the name of the department. The Board approved the general plan to combine the departments mentioned.

Monthly Reports. Mr. Steinhauer entered the meeting and distributed copies of the monthly reports as follows: Summary of Budget Appropriation and Disbursements, as of January 31, 1960; Balance Sheet, January 31, 1960; Mill Levy Building Fund, as of January 31, 1960; Experimental Plant, Summary of Budget Appropriation and Disbursements, as of January 31, 1960; Dining Hall, from January 4, 1960 through January 30, 1960; Statement of Income & Expense, Canteen, covering period December 19, 1960 through January 19, 1960; Statement of Income & Expense, Mines Park, as of January 19, 1960; Mines Park, Summary of Budget Receipts and Disbursements, as of January 19, 1960; Statement of Income & Expense, Prospector Park, as of January 19, 1960; Statement of Income & Expense, Mines Bradford Hall & New Dormitory, as of January 19, 1960; Statement of Income & Expense, C.S.M. Houses - Group #1, as of January 20, 1960; Statement of Income & Expense, C.S.M. Houses - Group #2, as of January 19, 1960; Statement of Income & Expense, Mines Park Houses - 29-36 inclusive, as of January 19, 1960; Summary of Budget Receipts and Disbursements, Mines Park Houses - 29-36 inclusive, as of January 19, 1960; Statement of Income & Expense, C.S.M. Houses Group #1 & Mines Park Houses, 29-36 inclusive, as of January 19, 1960; Statement of Income & Expense, Associated Students of the Colorado School of Mines, Inc., 1959-60 Health and Accident Plan, January 29, 1960; Budget Period, Associated Students of the Colorado School of Mines, Inc., 1959-60 Health and Accident Plan, January 29, 1960; and the Athletic Association, Summary of Budget Appropriation and Disbursements, as of January 20, 1960. The Financial Statement for the year July 1, 1958 to June 30, 1959 was also presented.

FFHA Application. Mr. Steinhauer reported that the FFHA application for financing married student housing, fraternity row, and a student union building had been filed.

Science Building. In view of the fact that Mr. Buell had given no indication of being willing to sell his house to

the school for use in the first-choice site acquisition, other locations were discussed.

President Vanderwilt reviewed preliminary plans prepared by the architects which had been adapted to several locations.

Clay Pit Area. Mr. Steinhauer reported that there was nothing new in the negotiations for the clay pit area. Mr. Parfet had told him that it would not be desirable to have an appraisal of the property made at this time.

The meeting adjourned at 12:30 p.m.

---

Assistant Secretary

Golden, Colorado  
March 11, 1960

The Board of Trustees met in regular session on March 11, 1960, at 8:30 a.m., in the President's Office at the Colorado School of Mines, Golden, Colorado.

Present: Messrs. Coors, Fenwick, Johnston, and Parker.

Absent: Mr. Stockmar.

President Vandervilt attended the meeting.

Dr. Parker, President of the Board, presided.

Bills against the SPECIAL APPROPRIATION, SCHOOL OF MINES TAX FUND, EXPERIMENTAL PLANT FUND and the MILL LEVY BUILDING FUND were examined and allowed as set forth on the following pages, Nos. 2 through 16, inclusive.

March 11, 1960

## SPECIAL APPROPRIATION

## FACULTY PAYROLL - Voucher #255

2216	Axtell, James C.	426.28
2217	Aylar, Maynard	393.64
2218	Babcock, Henry A.	476.38
2219	Badgley, Peter C.	461.52
2220	Bainbridge, Douglas	533.90
2221	Barb, Clark F.	645.90
2222	Bartunek, Paul F.	522.15
2223	Bauman, Victor W.	389.48
2224	Bisque, Ramon E.	387.58
2225	Bloom, Harold	369.46
2226	Brennecke, Fritz S.	599.39
2227	Bryner, Leonid	382.01
2228	Burdick, H. Dean	569.61
2229	Burger, William V.	556.24
2230	Campbell, Frank R.	481.09
2231	Carpenter, Frederick	497.96
2232	Carpenter, Robert H.	521.79
2233	Chapitis, William J.	422.49
2234	Coke, John M.	555.36
2235	Compton, W. D.	432.01
2236	Conroy, Bernetta	364.59
2237	Cook, George S.	381.54
2238	Crowder, Troy F.	672.13
2239	Darden, James	428.13
2240	Darnell, Byron	289.13
2241	Davies, Joseph E.	440.43
2242	Day, Robert B.	386.76
2243	Dunke, Walter H.	581.75
2244	Eerhart, Harold H.	575.51
2245	Edwards, Kenneth W.	299.85
2246	Epis, Rudy C.	373.81
2247	Ferrell, Edward F.	363.27
2248	Fisher, Edward G.	401.42
2249	Fletcher, Hilbert E.	436.10
2250	Fox, Leland S.	358.11
2251	Fritts, Paul J.	375.92
2252	Frost, Mildreth, Jr.	432.05
2253	Frush, Charles O.	493.65
2254	Fry, Frances L.	326.30
2255	George, John M.	353.27
2256	Gibbons, Madeleine	348.66
2257	Gosman, Albert L.	452.64
2258	Gross, Clara C.	395.36
2259	Grosvenor, Niles E.	440.71
2260	Guay, Wilbur J.	356.59
2261	Gutman, Raymond R.	435.78
2262	Hall, James L.	315.08
2263	Hancock, John W.	369.47
2264	Hartkemeier, L. W.	506.45
2265	Hasbrouck, Wilfred P.	376.85
2266	Haus, John D.	459.51
2267	Hayes, John R.	525.39
2268	Hebel, Ivan L.	513.09
2269	Hepworth, Malcolm T.	437.97
2270	Hollister, John C.	674.94

## SPECIAL APPROPRIATION

## FACULTY PAYROLL - Voucher #255

2271	Houghton, Augustus S.	398.30
2272	Hughes, Richard V.	629.76
2273	Hutchinson, Robert H.	503.42
2274	Johnson, Don H.	396.22
2275	Johnson, George W.	459.20
2276	Johnstone, James G.	429.58
2277	Jones, John M.	357.15
2278	Jordan, A. Raymond	746.90
2279	Jurney, William H.	530.15
2280	Keating, Paul H.	499.09
2281	Kelly, T. A.	554.87
2282	Kelsey, Harry E.	442.10
2283	Kent, Harry G.	345.99
2284	Kline, John V.	498.44
2285	Klugman, Michael A.	423.18
2286	Koshler, Edward C.	181.86
2287	Kuhn, Truman H.	1,033.44
2288	Lafferty, Michael H.	311.04
2289	Laubach, Winton	269.62
2290	LeMaire, George W.	527.28
2291	Lents, Oscar	385.94
2292	LeRoy, Leslie W.	831.12
2293	Long, V. Allan	602.19
2294	Lucas, George E.	417.13
2295	Marsh, Donald C. B.	374.87
2296	Marshall, Scott J.	445.52
2297	Mateer, Warren D.	387.98
2298	Mathews, Frank S.	503.23
2299	Merideth, George T.	623.33
2300	Merrin, James	466.85
2301	Milich, Dale	332.16
2302	Moore, Fred E.	362.61
2303	Morgan, Lyman W.	525.47
2304	Nordquist, Carl G.	421.14
2305	Ogden, Lawrence	401.49
2306	Osborn, Robert B.	455.47
2307	Parker, Ben H., Jr.	324.95
2308	Parkinson, Lute J.	711.81
2309	Paynter, Thomas E.	483.39
2310	Pearson, Robert S.	358.11
2311	Pegis, Anton G.	453.68
2312	Peters, William R.	475.00
2313	Pierce, Albert L.	353.65
2314	Pohrte, Theodore W.	424.64
2315	Poole, H. Gordon	748.11
2316	Preston, Renald D.	507.40
2317	Prince, Lawrence J.	452.42
2318	Pugh, Bill R.	415.15
2319	Richtmann, William M.	499.83
2320	Rinehart, John S.	819.20
2321	Rodgers, Paul A.	468.13
2322	Rowland, David A.	331.88
2323	Sankovitz, James L.	402.43
2324	Schieltz, N. Cyril	558.94
2325	Shull, Charles M., Jr.	416.83

March 11, 1960



SPECIAL APPROPRIATION

FACULTY PAYROLL - Voucher #255

2326	Sisson, George T.	326.99
2327	Sailey, Francis E., Jr.	471.85
2328	Starks, Charles W.	446.19
2329	Steinhauer, Gurnett	776.19
2330	Sutherland, Joycelyn	286.27
2331	Taylor, Robert J.	344.24
2332	Thomas, John C.	319.04
2333	Tolos, Chris	360.86
2334	Trexler, David W.	422.16
2335	Vandervilt, John W.	1,106.83
2336	Weimer, Robert J.	438.81
2337	Wichmann, Arthur P.	545.62
2338	Wilcox, Virginia Lee	555.50
2339	Williams, Art	442.09
2340	Williams, John T.	472.96
2341	Williams, Terrence J.	318.99
2342	Wright, Curtis	382.29
2343	Wright, W. Lloyd, M. D.	481.64

TOTAL FACULTY PAYROLL

59,364.61

SPECIAL APPROPRIATION

CIVIL SERVICE PAYROLL - Voucher #254

2344	Aldridge, M. Floyd	188.81
2345	Bain, Miriam W.	189.84
2346	Baker, Thomas J.	307.35
2347	Barkdale, Becky A.	209.01
2348	Barthel, William Levi	252.72
2349	Baxter, Viola	179.93
2350	Bedner, Cecilia	206.58
2351	Berlin, Avis M.	162.47
2352	Billingham, Charles	263.97
2353	Bliss, Mary Geneva	200.09
2354	Blevins, Vera	204.88
2355	Braun, Frank J.	249.48
2356	Brill, Edward	263.65
2357	Britton, Kathar	193.50
2358	Brobeck, Harold V.	234.05
2359	Brindle, Estel	217.74
2360	Bufnak, Frank	223.33
2361	Burtlow, Cedric Gene	282.84
2362	Bussert, Shirley	221.51
2363	Campbell, Russel E.	300.74
2364	Carder, Charlotte	191.94
2365	Carlson, Phyllis	236.68
2366	Carver, Walter B.	219.03
2367	Casady, Leonard D.	332.58
2368	Caster, Rosalia	215.48
2369	Chambers, Paul L.	289.30
2370	Childers, Engra M.	299.39
2371	Connor, Rex L.	236.45

## SPECIAL APPROPRIATION

## CIVIL SERVICE PAYROLL - Voucher #254

2372	Grabtree, John Arrie	268.94
2373	Hanley, Clint E.	152.72
2374	Dickens, Earl	409.28
2375	Dilts, Glenn	266.46
2376	Dillon, Dorothy	207.21
2377	Dillon, Ross Harold	284.09
2378	Dinkmeyer, Elvera E.	283.39
2379	Dolan, Francis	324.70
2380	Dollar, Claude E.	248.54
2381	Donshee, George W.	268.94
2382	Drake, Ollie L.	168.98
2383	Dugger, Helen	231.36
2384	Dygart, Harold	213.44
2385	Easley, Fred D.	339.38
2386	Eastin, Dick	222.13
2387	Eddleman, Janice C.	224.56
2388	Ervin, Madelyn R.	224.56
2389	Farmer, Clarence J.	219.03
2390	Fortune, William E.	307.35
2391	Gallagos, Alfred J.	284.90
2392	Gillechrist, Clarence	202.15
2393	Godfrey, J. H.	234.93
2394	Good, Doris	186.68
2395	Goodhead, James W.	170.95
2396	Gregory, Clyde G.	348.65
2397	Grewal, Martha H.	236.68
2398	Haas, Theodore E.	276.85
2399	Hader, Albert H.	207.14
2400	Hankel, Alma L.	196.43
2401	Hansen, Ole E.	211.03
2402	Hatfield, John D.	266.32
2403	Hamberger, Clarence G.	376.43
2404	Hofmeister, Edward G.	234.25
2405	Hoskins, Raymond	177.41
2406	Howarter, William H.	226.60
2407	Hungness, Carl Hall	258.14
2408	Jenson, Handrietta O.	220.51
2409	Johnston, Helen	256.34
2410	Kerley, Walter C.	257.83
2411	Koch, William O.	166.87
2412	Kruger, Richard F.	217.81
2413	Kubesh, Josephine	205.70
2414	Lamb, Melanes E.	205.48
2415	Lange, Edward	324.27
2416	Lee, William	311.71
2417	Liets, Rudolph	254.05
2418	Ljungvall, Donald	271.39
2419	Loving, Orville O.	354.93
2420	Mandiloff, Dean M.	281.75
2421	Mandiloff, Vasil G.	233.93
2422	Marvin, Thomas	215.88
2423	Matthews, Arthur W.	183.01
2424	Mattson, Walter	274.25
2425	McNulty, Susan Lee	198.41
2426	McPhail, Vernon W.	178.41

## SPECIAL APPROPRIATION

## CIVIL SERVICE PAYROLL - Voucher #254

2427	Malcher, Adolf A.	194.06
2428	Mester, Chris L.	307.10
2429	Miller, Robert A.	335.72
2430	Miller, Shirley	247.70
2431	Mineff, Peter	30.23
2432	Moore, Grace	235.17
2433	Mosher, Edgar	268.19
2434	Mandrea, Michael	207.51
2435	Nicholls, Clarence	384.83
2436	Nobles, William	183.60
2437	Obermeyer, Robert H.	212.75
2438	O'Leary, Thomas F.	306.10
2439	O'Neil, Milton F.	372.88
2440	Paddleford, Mary	238.49
2441	Parsons, Dorothy M.	185.94
2442	Parsons, Von E.	236.68
2443	Partridge, Jesse C.	166.77
2444	Patton, Sylvia D.	269.04
2445	Payne, Jesse E.	319.08
2446	Perez, John R.	248.27
2447	Perez, Jose M.	252.00
2448	Peters, Roy V.	202.91
2449	Pickthall, John W.	385.40
2450	Ratcliff, John D.	324.95
2451	Rheams, Ruth Ann	283.24
2452	Richards, Robert H.	330.25
2453	Robb, Donald	202.15
2454	Rushton, John E.	270.15
2455	Sackatt, Ruth N.	232.71
2456	Schader, Loretta E.	237.24
2457	Schieffelin, Eleanor	269.48
2458	Schmidt, Katharyn A.	162.77
2459	Siefken, Elizabeth F.	194.56
2460	Simpson, Albert E.	265.74
2461	Simpson, Bert D.	194.63
2462	Simpson, Frances	237.67
2463	Simpson, Minnie	56.08
2464	Slahn, August	177.66
2465	Slodd, James Thomas	226.08
2466	Smith, Mildred	250.33
2467	Spencer, Robert A.	380.83
2468	Stark, Henry C.	241.70
2469	Steffonich, Marvyl I.	257.03
2470	Steih, Otto J.	198.36
2471	Sterling, Mary Ann	266.49
2472	Stolpa, Vincent R.	351.80
2473	Teer, Lucy	207.14
2474	Thomas, Laverne F.	225.08
2475	Thomas, Luella F.	235.73
2476	Tiedt, John	233.93
2477	Tomic, Frank J.	209.96
2478	Tracy, Frank A.	313.10
2479	Tripp, Warren	309.05
2480	Underwood, Lavern P.	228.41
2481	Underwood, William V.	220.56

## SPECIAL APPROPRIATION

## CIVIL SERVICE PAYROLL - Voucher #254

2482	Van Dwerker, Letta	226.64
2483	Vaughn, Clarence	202.45
2484	Waters, Ernest R.	385.59
2485	Weldon, Deanna	236.16
2486	Wendell, David	117.29
2487	Zanto, Norma A.	204.88
TOTAL CIVIL SERVICE PAYROLL		35,144.78

## SPECIAL APPROPRIATION

## MISCELLANEOUS PAYROLL - Voucher #256

2488	Beckett, Robert	190.00
2489	Bloom, Duane H.	201.73
2490	Bodh, Jacqueline L.	184.12
2491	Brown, Delmer L.	123.46
2492	Chapin, Charles E.	174.95
2493	Coleman, Rachel	260.07
2494	Devis, E. W.	140.00
2495	Fisher, Joseph	16.25
2496	Gilmore, Curtis	204.07
2497	Hancock, Mildred	28.95
2498	Hill, David	123.46
2499	Hoover, David L.	140.00
2500	Hoover, Donald B.	174.95
2501	Hyun, Byung Koo	139.65
2502	Jacobson, Jimmy Joe	123.46
2503	Johnson, Kenneth	16.00
2504	Kang, George	180.53
2505	LaFehr, Thomas	105.00
2506	Messner, Joseph F.	229.77
2507	Miles, Charles H.	123.46
2508	Morris, Donald	20.00
2509	Remenyik, Tibor K.	123.46
2510	Rhea, Keith	95.35
2511	Rowe, George	142.58
2512	Ruhfus, Bernhard	109.67
2513	Selters, Judith E.	62.79
2514	Sims, Robert A.	164.35
2515	Srinivasan, G. R.	123.46
2516	Thomson, Ker C.	190.00
2517	Thornton, Dale E.	197.65
2518	Van Horn, Horace M.	81.84
2519	Waissar, Richard	139.65
2520	Wang, Yung Liang	123.46
2521	Warner, Don Lee	191.13
2522	Winterer, Timothy	123.46
2523	Worsley, Reginald	123.46
TOTAL MISCELLANEOUS PAYROLL		4,892.19

SPECIAL APPROPRIATION

STUDENT HELP PAYROLL - Voucher #256

2524	Alief, Mohammed	10.00
2525	Altan, Ozer	7.50
2526	Anderson, Phil	10.00
2527	Barclay, James	7.75
2528	Besch, Roger	5.00
2529	Berke, William	29.50
2530	Boyd, Bradley K.	34.00
2531	Bronnmann, Alain	7.50
2532	Burt, Charles H.	25.50
2533	Burtchessell, Gary	2.00
2534	Caindec, Donald A.	21.50
2535	Cederstrom, Robert	30.00
2536	Chasis, David	30.00
2537	Cheng, Luis	21.00
2538	Christiansen, Howard	17.00
2539	Giani, Leroy	30.00
2540	Clark, James W.	32.00
2541	Clay, Larry E.	30.00
2542	Clifton, Ronald W.	30.00
2543	Conway, Richard B.	27.00
2544	Coop, Kenneth L.	19.00
2545	Copello, Gustavo J.	16.00
2546	Cox, E. Eugene	43.00
2547	Crabtree, Edwin III	30.00
2548	Crumb, Robert E.	20.00
2549	Dassler, Robert G.	24.00
2550	Dickson, Andrew	8.00
2551	Downs, George R.	22.00
2552	Dugger, Robert	7.50
2553	Eagan, Larry	7.50
2554	Evers, John F.	7.00
2555	Farris, Clifford	4.00
2556	Gerdes, W. H.	29.75
2557	Griffes, Eugene	51.00
2558	Grogan, Michael	6.00
2559	Heptonstall, Jack G.	6.00
2560	Hershberger, Bruce	7.75
2561	Henry, William A.	17.00
2562	Hileman, James Alan	14.00
2563	Hoefner, Neal A.	30.00
2564	Holmes, A. Lawrence, Jr.	13.00
2565	Hutchinson, Gery	30.00
2566	Ineuye, Junji J.	7.00
2567	Jensen, Kenneth A.	30.00
2568	Johnson, Robert C.	6.00
2569	Johnson, Tim C.	12.50
2570	Kendall, John P.	26.50
2571	Kimball, Charles L.	15.00
2572	Koch, Ewald	30.00
2573	Kramer, Russell, Jr.	12.50
2574	Kuhn, Martin C.	3.00
2575	Lagergren, Charles	6.00
2576	Laras, Carlos	27.00
2577	Lighthill, Michael	7.50
2578	Macfadyen, John D.	32.00

SPECIAL APPROPRIATION

STUDENT HELP PAYROLL - Voucher #256

2579	Majestic, Martin	30.00
2580	Mayadao, Ashok	28.00
2581	Meyers, Richard	9.00
2582	Miley, Delmer V.	30.00
2583	Miller, Curtis L.	30.00
2584	Myers, Ted	6.00
2585	O'Neil, Dennis B.	21.50
2586	Osborn, Donald H.	7.00
2587	Osborne, Roger	30.00
2588	Palmer, Richard	7.00
2589	Pasquali, Jean	10.00
2590	Patton, Von L.	16.00
2591	Perkins, George	10.00
2592	Pinkham, Joe Neal	7.50
2593	Pitney, Richard	6.00
2594	Po Saw, T. O.	21.00
2595	Powers, Judy	10.00
2596	Preble, Laurence	12.50
2597	Prescott, Robert A.	35.00
2598	Repp, Edward C.	22.00
2599	Reichmuth, Donald R.	17.00
2600	Ross, Thomas Lee	6.00
2601	Rossi, John	28.00
2602	Royce, Gordon L.	30.00
2603	Sample, Roy	22.00
2604	Samuel, Carl William	60.00
2605	Schultz, Donald	39.00
2606	Salters, John	30.00
2607	Seymour, Lee	2.00
2608	Shachan, Dennis	30.00
2609	Shier, George	13.00
2610	Slanovich, Gus J.	15.00
2611	Smith, Samuel Roger	33.50
2612	Suarez, Francisco A. P.	9.00
2613	Swank, Archer D.	11.00
2614	Tan, Mario	16.00
2615	Turner, Arnold Scott	3.00
2616	Vangelisti, Ronald J.	24.00
2617	Venable, George	4.00
2618	Wade, Eugene H.	14.00
2619	Watson, Rand L.	29.00
2620	Weldon, Robert A.	19.50
2621	White, Harry Kay	20.50
2622	Wiggins, Ralph	6.75
2623	Williamson, Randall	11.00
2624	Wretling, Leroy	47.00
2625	Wright, Bob	30.00
2626	Yu, Jimmy	25.25
2627	Zahn, Gary O.	6.00
2628	Zisbeck, Don	28.00
	TOTAL STUDENT HELP PAYROLL	2,012.75
	TOTAL MISCELLANEOUS & STUDENT HELP PAYROLLS	6,904.94

March 11, 1960

SPECIAL APPROPRIATION

DEDUCTIONS ON FACULTY PAYROLL - Voucher #255

Federal Withholding Tax	9,820.25
Colorado Withholding Tax	589.25
Retirement	4,567.50
Equitable Life Assurance Society	1,335.10
C.S.M. Credit Union	806.93
War Bonds	453.75
Mile High United Funds	83.26

SPECIAL APPROPRIATION

DEDUCTION ON CIVIL SERVICE PAYROLL - Voucher #254

Federal Withholding Tax	5,251.30
Colorado Withholding Tax	315.07
Retirement	2,761.25
Blue Cross & Blue Shield	958.25
Colorado Employees' Credit Union	135.00
Civil Service Insurance	96.37
C.S.M. Credit Union	1,058.24
Mile High United Fund	18.49
War Bonds	85.00

SPECIAL APPROPRIATION

DEDUCTIONS ON MISCELLANEOUS PAYROLL - Voucher #256

Federal Withholding Tax	483.34
Colorado Withholding Tax	29.03
C.S.M. Credit Union	29.98

SPECIAL APPROPRIATION

CIVIL SERVICE PAYROLL -- SUPPLEMENTARY - Voucher #259

2629	Moeler, Thurman Deceased	18.53
------	--------------------------	-------

SPECIAL APPROPRIATION

DEDUCTION ON SUPPLEMENTARY PAYROLL - Voucher #259

Retirement	<u>6.50</u>
------------	-------------

130,316.72

SPECIAL APPROPRIATION

DEDUCTION VOUCHERS

257	State's Share of Retirement	7,187.13	
258	Equitable Life Assurance Society	1,326.67	
259	See Supplemental Payroll		
260	State's Share of Retirement	1.50	
	TOTAL PAYROLLS & DEDUCTION VOUCHERS		138,832.02

SPECIAL APPROPRIATION

EXPERIMENTAL PLANT PAYROLL

261	Crabtree, Edwin H.	329.51	
	TOTAL EXPERIMENTAL PLANT PAYROLL		329.51

SPECIAL APPROPRIATION

DEDUCTIONS ON EXPERIMENTAL PLANT PAYROLL - Voucher #261

	Federal Withholding Tax	81.00	
	Colorado Withholding Tax	4.86	
	Retirement	26.51	
	TOTAL DEDUCTIONS ON EXPERIMENTAL PLANT PAYROLL		112.37
	TOTAL EXPERIMENTAL PLANT PAYROLL AND DEDUCTIONS		441.88

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

1129	Accessory Supply Co.	10.30	
1130	Acme Building Maintenance Co.	32.00	
1131	Acme Chemical Co.	344.50	
1132	Addressograph-Multigraph Corp.	43.96	
1133	Aero Radiator Service	15.00	
1134	Agate Shop	122.45	
1135	Wm. Ainsworth & Sons, Inc.	34.90	
1136	Airway, Inc.	10.00	
1137	American Industrial & Scientific Co.	195.00	
1138	American Linen Supply Co.	124.86	
1139	American Machine & Metals, Inc.	108.96	
1140	American Museum of Natural History	60.00	
1141	American School Supply Co.	30.40	
1142	American Society for Metals	18.80	
1143	American Radiator & Standard Sanitary Corporation	21.33	
1144	Paul A. Arnold	234.00	



## SCHOOL OF MINES TAX FUND

## SUPPLY VOUCHERS

1145	Assn. for Applied Solar Energy	7.50
1146	Audio-Visual Center	37.63
1147	M. F. Aylor	3.08
1148	Bartell Tool Service	25.70
1149	"Stu" Berensford, Inc.	137.84
1150	Hassan Beykpoor	21.79
1151	Book-of-the-Month Club, Inc.	11.68
1152	Brake & Clutch Service Co.	27.53
1153	Fritz Brennecke	43.08
1154	H. D. Burdick	117.07
1155	William V. Burger	25.48
1156	John C. Burt Insurance Agency	3,258.47
1157	Casper Bussett Service	30.45
1158	Butler Paper Co.	120.72
1159	Buckley Bros.	670.19
1160	California Test Bureau	12.49
1161	Frank R. Campbell	5.60
1162	Carpenter Paper Co.	140.90
1163	Central Electric Supply Co.	411.69
1164	Central Scientific Co.	189.91
1165	Certified Chemical Products, Inc.	156.00
1166	Chicago, Burlington & Quincy Rail- road Co., Dr.	133.90
1167	Clarke Floor Machine Co.	104.96
1168	Coach & Athlete	24.00
1169	Mel Coffman Associates, Inc.	205.40
1170	John M. Coke	122.62
1171	Treasurer, State of Colorado	124.75
1172	Colorado Central Power Co.	3,819.20
1173	Colorado Engraving Co.	13.74
1174	Colorado News Company	23.00
1175	Colorado Office Supply, Inc.	224.62
1176	Colorado & Southern Railway, Inc.	5.14
1177	Colorado Surplus Property Agency	2,795.99
1178	Columbia University Press	31.50
1179	Consultants Bureau, Inc.	25.65
1180	Continental Oil Co.	231.59
1181	Ben Cook Supply Co.	365.73
1182	Max Cook Sporting Goods Co.	13.95
1183	Crest Manufacturing Co., Inc.	68.00
1184	Cushman Foundation for Foraminiferal Research, Inc.	20.24
1185	Dallas Geological Society	10.50
1186	James Darden	82.74
1187	Deffenbaugh Lumber Co.	30.76
1188	Denver Bookbinding Co.	341.00
1189	Denver Electronic Supply Co.	103.64
1190	Denver Gear & Parts Co.	96.01
1191	Denver Oxygen Co.	19.00
1192	Earl Dickens	19.67
1193	Dixon & Company	221.90
1194	William Dixon, Incorporated	32.31
1195	DoAll Denver Co.	20.40
1196	Douleday & Co., Inc.	13.25
1197	Dow Chemical Co.	11.02

## SCHOOL OF MINES TAX FUND

## SUPPLY VOUCHERS

1198	Driver-Harris Co.	25.00
1199	Duplicator Supply Co.	13.00
1200	Duwall-Davison Lumber Co.	403.89
1201	H. N. Karhart	17.22
1202	Edgewater Typewriter Co.	35.30
1203	Educational & Institutional Co- operative Service, Inc.	70.50
1204	Rik Coal Co.	4,254.60
1205	Emblem Tape & Label Co.	73.51
1206	Emerson-Trussell Book Co.	212.74
1207	F. W. Paxon Company, Inc.	20.50
1208	Federal Envelope Co.	129.87
1209	Norma L. Flynn	6.00
1210	Foss Drug Company	163.27
1211	M. L. Foss, Inc.	126.66
1212	Frias Instrument Division	20.06
1213	Geier & Blum, Inc.	5.32
1214	General Radio Co.	16.83
1215	Gille Associates, Inc.	7.50
1216	Golden Laundry-Mat	99.52
1217	Golden Motors, Inc.	65.32
1218	Golden Service Station	3.50
1219	Graham Paper Co.	147.95
1220	Hiles E. Grosvenor	75.00
1221	Robert H. Carpenter	116.84
1222	Hallack & Howard Lumber Co.	93.46
1223	Jack Hancock	57.82
1224	John R. Hayes	9.52
1225	Hessco, Inc.	16.82
1226	Ivan L. Hebel	56.25
1227	Herbach & Redeman, Inc.	49.00
1228	H. Hoffman Co.	26.53
1229	Hollywood Venetian Blind Co.	46.90
1230	Sam L. Huddleston	253.40
1231	R. O. Hull & Co., Inc.	14.44
1232	Indian Corp. of America	10.00
1233	Industrial Division--American Radiator & Standard Sanitary Corp.	266.00
1234	Institute of Metals	7.50
1235	International Business Machines	820.25
1236	Iron & Steel Institute	7.42
1237	A. Jaegers	6.00
1238	Jaques Cattell Press, Inc.	23.34
1239	Jeffco Engineering Supply Co.	43.43
1240	Jefferson Transit Mtn Co.	366.70
1241	Jensen Paper Co.	119.40
1242	Johnson Hardware, Inc.	204.06
1243	Walter J. Johnson, Inc.	13.49
1244	James G. Johnstone	80.00
1245	Joy and Cox, Inc.	6.55
1246	A. Raymond Jordan	6.16
1247	Kendrick-Bellamy Co.	165.57
1248	Kistler's	31.90
1249	Kohler McLister Paint Co.	198.30
1250	La Revue de Metallurgie	54.04

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

1251	H. N. Lee	201.30
1252	Leonard Hill Technical Group	20.00
1253	The Letter Shop	5.00
1254	Library of Congress--Card Division	643.93
1255	Library of Science	19.29
1256	Lowe & Campbell Athletic Goods	36.11
1257	Lubrication Engineers	55.29
1258	McMurtry Mfg. Co.	22.10
1259	McNitts, Inc.	7.50
1260	Fred H. Martin	929.85
1261	Herritt Tire Shop	286.92
1262	Metal Fabricators, Inc.	557.43
1263	Meyer Hardware & Sporting Goods, Inc.	18.96
1264	Midwest Library Service	1,050.85
1265	Midwest Sales Co.	247.60
1266	Midwest Saw Filing & Grinding Works	6.10
1267	Mine Safety Appliances Co.	10.00
1268	Mine & Smelter Supply Co.	385.64
1269	Moore Business Forms, Inc.	250.54
1270	Mountain & Plain Paint Co.	89.08
1271	Mountain States Telephone & Telegraph Company	1,760.41
1272	National Collegiate Athletic Assn.	27.00
1273	National Mine Service Co.	25.00
1274	Natural History Book Club	10.52
1275	W. W. Norton & Company, Inc.	8.00
1276	O'Meara Motor Co.	111.44
1277	Packaging Corporation of America	41.45
1278	Paramount Cleaners-Dyers	32.55
1279	Frank Paxton Lumber Co.	217.86
1280	J. E. Payne	15.00
1281	Pergamon Press, Inc.	20.00
1282	William R. Peters	14.56
1283	Petroleum Information Corporation	30.23
1284	John W. Pickethall	8.26
1285	Pitney-Bowes, Inc.	13.50
1286	Pointexter Electric Co.	161.54
1287	H. Gordon Poole	86.00
1288	Postmaster, Z. N. Pike, Golden	3,000.00
1289	Print	18.00
1290	Psychological Corporation	21.00
1291	Public Service Co. of Colorado	508.39
1292	Bill R. Pugh	6.58
1293	Purdue University	6.00
1294	Readex Microprint Corporation	358.05
1295	Reardon Products	25.13
1296	Reliable Typewriter Co.	50.50
1297	Remington Rand	274.00
1298	Republic Flow Meters Co.	26.40
1299	C.S.M. Revolving Fund	254.35
1300	John Rinehart	9.66
1301	Rio Grande Co.	32.70
1302	Rocky Mountain News--Terry J. Welch	79.95
1303	Rocky Mountain Regional Assn. of Physical Plant Administrators of Universities and Colleges	5.00

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

1304	Royal McLee Corporation	579.18
1305	Ryall Electric Co.	100.97
1306	Sachs-Lawlor	19.12
1307	Sanborn Company	23.41
1308	James L. Senkovitz	13.86
1309	Scientific Supply Co., Inc.	36.00
1310	Scribbler's Book Co.	131.28
1311	Serv-All Parts Co.	57.51
1312	Semiconductor Products--Cowan Publishing Corp.	10.00
1313	J. A. Sensusar Mfg. Co., Inc.	228.47
1314	Sherwin-Williams Co.	84.60
1315	Francis E. Smiley, Jr.	34.72
1316	The Sporting News	18.20
1317	Sports Illustrated	9.95
1318	Standard Packaging Corporation	90.00
1319	Standard Oil Co.	7.99
1320	Stanford University Press	22.84
1321	State Purchasing Agent--Revolving Fund No. 2101	41.38
1322	Stechert-Hafner, Inc.	11.13
1323	Steel Partitions, Inc.	181.00
1324	Gurnett Steinhauer	16.38
1325	Strawn's Stationery	426.94
1326	B. K. Sweeney Co.	59.32
1327	Tab Products Co.	30.23
1328	Texaco, Inc.	515.60
1329	Chris Tolos	53.34
1330	Transport Clearings of Colorado, Inc.	108.12
1331	Union Bearings & Transmission Co.	491.52
1332	Union Pacific Railroad	113.61
1333	Union Supply Co.	71.90
1334	United Air Lines	214.60
1335	U. S. Geological Survey	70.77
1336	U. S. Welding Works Co., Inc.	57.88
1337	United Tool & Material Co.	35.20
1338	Universal Engineering Supply Co.	21.25
1339	Universal Tractor Co.	58.14
1340	University of Chicago Press	24.04
1341	John W Vanderwilt	14.00
1342	D. Van Nostrand Co., Inc.	37.19
1343	Van Waters & Rogers, Inc.--Braun- Knecht-Reimann-Co., Division	131.03
1344	Vari-Typer Corporation	162.00
1345	L. B. Walker Radio Co.	46.76
1346	Wards Natural Science Establishment	7.50
1347	Weiner Bros. Electric Supply Co.	528.47
1348	W. M. Welch Manufacturing Co.	16.55
1349	Williams & Associates, Inc.	42.87
1350	B. C. Williams Sand & Gravel	17.50
1351	The Winter-Weiss Co.	24.06
1352	World Petroleum Policies	5.14
1353	Workman Studio	27.92

TOTAL SUPPLY VOUCHERS

42,544.39

**SPECIAL APPROPRIATION**

**EXPERIMENTAL PLANT**

262 C.S.M. Research Foundation, Inc. 4,021.54

**TOTAL EXPERIMENTAL PLANT -- SPECIAL APPROPRIATION**

**4,021.54**

**EXPERIMENTAL PLANT FUND**

**Fund #3026**

5 C.S.M. Research Foundation, Inc. 1,764.80

**TOTAL EXPERIMENTAL PLANT FUND #3026**

**1,764.80**

**HILL LEVY BUILDING FUND**

445 Ace-Kauffman Rubber Stamp & Seal 310.66

**TOTAL HILL LEVY BUILDING FUND**

**310.66**

Previous Minutes. The minutes of the meeting held on February 12, 1960 were approved.

Foreign Students. In view of the unfavorable reaction of members of the legislature, and specifically the Joint Budget Committee, to the high percentage of nonresident students, it was suggested that an approach be made to the State Department for a grant to reimburse the State of Colorado for the cost to the state of educating foreign students. The suggestion was made that the Colorado members of congress be contacted in an attempt to enlist their aid in having such an item included in the foreign aid program. It was felt that this should logically be considered a federal government matter rather than a local matter.

Commencement Speaker. President Vanderwilt reported to the Board that Secretary of the Interior, Fred A. Seaton, had accepted the invitation to be the Commencement speaker.

Honorary Degrees. President Vanderwilt stated that while in New York recently, he had talked with Dr. James Boyd about the school policy on honorary degrees. He had explained to Dr. Boyd that while Mr. Marx Hirsch had a commendable record, he had had no connection with the school and this was considered a prerequisite for honorary degrees. Dr. Vanderwilt stated that Dr. Boyd understood the school's position.

It was moved, seconded, and unanimously passed that Secretary Fred A. Seaton be granted an honorary degree, Doctor of Engineering, at Commencement exercises on May 27, 1960.

Van Diest Medal. President Vanderwilt again reviewed the general qualifications of the recipient of the Van Diest Medal as set up by the faculty committee in 1953. He then reviewed the records of the two candidates who had received the most No. 1 and No. 2 designations in the poll of department heads. These two candidates were Stanley J. Marcus, E.M. 1945 and Albert W. Musgrave, Geol. E. 1947, D.Sc. 1952.

Members of the Board agreed that judging from letters received, Mr. Marcus had an outstanding record in the field of ordnance and the ballistic missile program. Mr. Musgrave, senior research geophysicist for Magnolia Petroleum, also had a good record in his field.

Both men were considered worthy of special recognition. Because Musgrave had received his degrees at more recent dates and thus had more time for such recognition, it was agreed that recognition for him be deferred for the time being.

A motion was made that no medal be awarded in 1960. The motion was not seconded.

March 11, 1960

It was moved, seconded, and unanimously passed that Stanley J. Marcus be awarded a Van Diest Medal at Commencement on May 27, 1960.

President Vandervilt was instructed by the Board to prepare a revised statement of qualification somewhat broader than the present one, which would include allied fields of mineral engineering and which would emphasize and possibly be limited to technical achievement.

ECPD Accreditation. President Vandervilt passed around copies of a report prepared in connection with the accreditation of the mining option by the Engineers' Council for Professional Development. The report showed in detail changes made in recent years in the mining option. Members of the Board expressed interest in the changes made in all options but concluded that a study of the mining option curriculum would undoubtedly reflect the general change of the other options.

Special attention was called to a tabulation showing courses, by option, for 1959-60. Also available for comparison were copies of catalogue showing courses, by option, for 1960-61.

NCA Accreditation. President Vandervilt distributed copies of the Addendum to the Self-Survey Report prepared in connection with North Central Association accreditation. For the information of the Board, he reviewed the status of NCA accreditation, i.e. that on February 10-11, 1959 the school was examined; in April, 1959, the secretary of the NCA had written that the school was not being accredited because of curricular deficiencies in general education, but that instead of having to wait the customary three years before being re-examined, the school could submit a progress report as an addendum to the self-study report when the deficiency had been remedied. The Addendum to the Self-Survey Report had been submitted on February 26, 1960.

ROTC. The question of required ROTC was brought up. President Vandervilt reported that within the past month he had received a telegram from the Adjutant General of the Department of the Army which announced important changes to be made in ROTC curriculum, effective in the fall of 1960. According to the Army, the changes would decrease greatly the number of hours required by ROTC. Full detail on the changes probably would be provided soon by the Department of the Army.

Monthly Reports. Mr. Steinbauer entered the meeting and distributed the monthly reports as follows: Summary of Budget Appropriation and Disbursements, as of February 29, 1960; Balance Sheet, February 29, 1960; Mill Levy Building Fund, as of February 29, 1960; Experimental Plant, Summary of Budget Appropriation and Disbursements, as of February 29, 1960; Dining Hall, from January 31, 1960 through February 27, 1960;

March 11, 1960

Statement of Income & Expense, Canteen, covering period January 19, 1960 through February 19, 1960; statement of Income & Expense, Mines Park, as of February 19, 1960; Mines Park, Summary of Budget Receipts and Disbursements, as of February 19, 1960; Statement of Income & Expense, Prospector Park, as of February 19, 1960; Statement of Income & Expense, Mines Bradford Hall & New Dormitory as of February 19, 1960; Statement of Income & Expense, C.S.M. Houses - Group #1, as of February 20, 1960; Statement of Income & Expense, C.S.M. Houses - Group #2, as of February 19, 1960; Statement of Income & Expense, Mines Park Houses - 29-36 inclusive, as of February 19, 1960; Summary of Budget Receipts and Disbursements, Mines Park Houses, 29-36 inclusive, as of February 19, 1960; Statement of Income & Expense, C.S.M. Houses Group #1 & Mines Park Houses, 29-36 inclusive, as of February 19, 1960; Statement of Income & Expense, Associated Students of the Colorado School of Mines, Inc., February 29, 1960; Budget Period, Associated Students of the Colorado School of Mines, Inc., February 29, 1960; and the Athletic Association, Summary of Budget Appropriation and Disbursements, as of February 20, 1960.

Budget, 1960-61. Mr. Steinhauser distributed copies of a comparative budget statement as of March 11, 1960 for years 1958-59 through 1960-61. He pointed out that the budget request was \$2,087,235 for a total operating budget of \$2,657,829 and that the legislature had provided an appropriation of \$1,674,990 which reduced the 1960-61 operating budget to \$2,267,443. The preliminary budget expenditures prepared on the basis of budget committee studies totaled \$2,270,069. This total reflected the normal automatic civil service salary increases but did not reflect any increases in faculty salaries. It was pointed out that the indicated receipts exceeded the summary of proposed budget expenditures by approximately \$17,400.

President Vandervilt reviewed a general plan for salary increases for teaching and nonteaching faculty which amounted to \$54,949. Since only \$17,400 was available in the present summary of proposed budget expenditures, a further readjustment of the preliminary budget expenditures would be necessary to provide for the salary increases if they are to be adopted.

The Board approved the general method of arriving at the proposed budget totals and instructed the administration to prepare final budget figures on the basis of the preliminary analysis and plan for salary increases for the further consideration of the Board.

The meeting recessed for lunch, after which it resumed in the President's Office.

Science Building Location. Mr. Steinhauser reported on a conversation he had had with Mr. Buell about the possibility of the school acquiring Mr. Buell's property. Mr. Steinhauser stated



that Mr. Buell was adamant in his desire to retain the property. It was agreed that it was important that a decision be reached on location and the building contract let by the end of the year.

Clay Pit Area. Mr. Steinbauer reported that he had talked with Mr. Parfet who had said he was optimistic about a trade being arranged. Mr. Steinbauer had advised Mr. Parfet that we were very anxious to go ahead with plans for construction.

Distribution of Reports. The following reports were distributed:

Second Semester Enrollment, 1959-60.

Scholarship Summary, Second Semester, 1959-60.

Experimental Plant Budget, 1960-61. Mr. Steinbauer reported that the Experimental Plant had had its own funds up until a year ago when the mill levy was abolished. A request had been made for \$43,000 to replace the mill levy fund. The amount of the appropriation made was \$30,000.

The work done under the 1959-60 Experimental Plant budget was reviewed. The projects carried on under this budget are (1) publication of the Mineral Industries Bulletin; (2) research on coking coals; and (3) prospector service.

It was recognized that some adjustment would have to be made in these services under the new appropriation.

The question was raised as to whether money saved by eliminating Experimental Plant services could be transferred to the operational budget of the school. Following a discussion, including a review of the statute, it was the consensus of the Board that appropriations for the Experimental Plant must be budgeted and used for that purpose.

President Vanderwilt stated that at a future meeting he and Mr. Crabtree would have definite recommendations to make on revision of services performed by the Experimental Plant.

National Science Foundation. President Vanderwilt reported that the National Science Foundation had approved a grant of \$17,820 toward a "Summer Science Training Program for Secondary School Students." Research grants awarded to members of the faculty included \$15,000 for research on the Pikes Peak batholith by Dr. Robert M. Hutchinson and \$32,400 granted to Dr. John S. Rinehart for research on stress waves in fracturing of rocks.

The meeting recessed at 2:30 p.m.

---

Secretary

March 11, 1960

Golden, Colorado  
April 8, 1960

The Board of Trustees met in regular session on April 8, 1960, at 8:30 a.m., in the President's Office at the Colorado School of Mines.

Present: Messrs. Coors, Johnston, Parker, and Stockmar.

Absent: Mr. Fenwick.

President Vanderwilt attended the meeting.

Dr. Parker, President of the Board, presided.

Bills against the SCHOOL OF MINES TAX FUND, SPECIAL APPROPRIATION, and the MILL LEVY BUILDING FUND were examined and allowed as set forth on the following pages, Nos. 2 through 14, inclusive.

## SCHOOL OF MINES TAX FUND

## FACULTY PAYROLL - Voucher #1354

508	Axtell, James C.	426.28
509	Ayler, Maynard	393.64
510	Babcock, Henry A.	476.38
511	Badgley, Peter C.	461.52
512	Bainbridge, Douglas	533.90
513	Barb, Clark F.	645.90
514	Bartunek, Paul F.	522.15
515	Bauman, Victor W.	389.48
516	Bisque, Ramon E.	387.58
517	Bloom, Harold	369.46
518	Brennecke, Fritz S.	599.39
519	Dryner, Leonid	382.01
520	Burdick, H. Dean	569.61
521	Burger, William V.	556.24
522	Campbell, Frank R.	481.09
523	Carpenter, Frederick	497.96
524	Carpenter, Robert H.	521.79
525	Chapitis, William J.	422.49
526	Coke, John H.	555.36
527	Compton, W. D.	432.01
528	Conroy, Bernetta	364.59
529	Cook, George S.	381.54
530	Crowder, Troy F.	672.13
531	Darden, James	428.13
532	Darnell, Byron	289.13
533	Devias, Joseph E.	440.43
534	Day, Robert E.	386.76
535	Duske, Walter H.	581.75
536	Erhart, Harold H.	575.51
537	Edwards, Kenneth W.	299.85
538	Epis, Rudy C.	373.81
539	Ferrell, Edward F.	363.27
540	Fisher, Edward G.	401.42
541	Fletcher, Hilbert E.	436.10
542	Fox, Leland S.	358.11
543	Fritts, Paul J.	375.92
544	Frost, Hildreth, Jr.	432.05
545	Frush, Charles O.	493.65
546	Fry, Frances L.	326.30
547	George, John N.	353.27
548	Gibbons, Madeleine	348.66
549	Gosman, Albert L.	452.64
550	Gross, Clara C.	395.36
551	Grosvenor, Hiles E.	440.71
552	Gusy, Wilbur J.	356.59
553	Gutzman, Raymond R.	435.78
554	Hall, James L.	315.08
555	Hancock, John W.	369.47
556	Harthemeier, L. W.	506.45
557	Hasbrouck, Wilfred F.	376.83
558	Hann, John D.	459.51
559	Hayes, John R.	525.39
560	Hebel, Ivan L.	513.09
561	Hepworth, Malcolm T.	437.97
562	Hollister, John C.	674.94

April 6, 1960

## SCHOOL OF MINES TAX FUND

## FACULTY PAYROLL - Voucher #1354

563	Houghton, Augustus S.	398.30
564	Hughes, Richard V.	629.76
565	Hutchinson, Robert M.	503.42
566	Johnson, Don H.	396.22
567	Johnson, George W.	459.20
568	Johnstone, James G.	429.58
569	Jones, John M.	357.15
570	Jordan, A. Raymond	746.90
571	Jurney, William H.	519.55
572	Keating, Paul H.	499.09
573	Kelly, T. A.	554.87
574	Kelsey, Harry E.	442.10
575	Kent, Harry C.	345.99
576	Kline, John V.	498.44
577	Klugman, Michael A.	423.18
578	Koehler, Edward C.	181.86
579	Kuhn, Truman H.	1,033.44
580	Lafferty, Michael H.	311.04
581	Laubach, Winton	269.62
582	Lefaire, George W.	527.28
583	Lantz, Oscar	385.94
584	LeRoy, Leslie W.	831.12
585	Long, V. Allan	602.19
586	Lucas, George B.	417.13
587	March, Donald C.R.	374.87
588	Marshall, Scott J.	445.52
589	Mateer, Warren D.	387.98
590	Mathews, Frank S.	513.83
591	Merideth, George T.	623.33
592	Herrin, James	466.85
593	Milich, Dale	332.16
594	Moore, Fred E.	362.61
595	Morgan, Lyman W.	525.47
596	Nordquist, Carl G.	421.14
597	Ogden, Lawrence	401.49
598	Osborn, Robert B.	455.47
599	Parker, Ben H., Jr.	324.95
600	Parkinson, Lata J.	711.81
601	Paynter, Thomas E.	483.39
602	Pearson, Robert S.	358.11
603	Pegis, Anton G.	453.68
604	Peters, William R.	475.00
605	Pierce, Albert L.	353.65
606	Pohrte, Theodore W.	424.64
607	Poola, H. Gordon	748.11
608	Freston, Ronald D.	507.40
609	Prince, Lawrence J.	452.42
610	Pugh, Bill R.	415.15
611	Richtmann, William M.	499.83
612	Rinchart, John S.	819.20
613	Rodgers, Paul A.	468.13
614	Rowland, David A.	331.88
615	Sankovitz, James L.	402.43
616	Schieltz, H. Cyril	558.94
617	Shull, Charles M., Jr.	416.83