

INDEX OF PATENTS

PART 1: LIST OF PATENTEES

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CONTENTS

Section 1

	Page
Erratum (Previous edition)	3
List of Patentees (includes Reissues)	3
List of Design Patentees	1355
List of Plant Patentees	1413
List of Disclaimers & Dedications	1415
Decisions Published in the Official Gazette in 1965	1417

Section 2

Notes Concerning Use of the Classification of Patents	
Listing & Related Reference Publications	1423
Classification of Patents	1425
Classification of Designs	1515
Classification of Plants	1520
Class Titles Arranged in Class Number Order	1521
Class Titles Arranged in Alphabetical Order	1524
Libraries Receiving Current Issues of U.S. Patents	1529
Depository Libraries Receiving Weekly Issues of the Official Gazette of the United States Patent Office	1529
Summary of the Number of Patents Issued Annually 1836-1965	1535
List of Patent, Design, Plant Patent, & Reissue Numbers Appearing in the Individual Issues of the Official Gazette for 1965	1539

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1965 PATENTS ISSUED

(1)

Patents-----	62,864--No. 3,163,865 to 3,226,728 inclusive.
Reissues-----	246--No. 25,707 to 25,953 inclusive.
Designs-----	3,424--No. 199,955 to 203,379 inclusive.
Plant Patents	120--No. 2,464 to 2,585 inclusive.

(1) Includes 6 patents withdrawn.

1965

LIST OF PATENTEEES

This list includes reissue patentees

Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Erratum

Previous Edition

In the "Index of Patents," vol. 1960, page 267, second column, line 2, under the heading "Federal-Mogul-Bower Bearings, Inc.: See—" for "Christensen, Paul M. 2,934,623." read Christensen, Dan A. 2,926,025.; same page 267, second column, line 5, under the heading "Federal-Mogul-Bower Bearings, Inc.: See—" strike out "Martin, Paul S. 2,923,795." & insert the same between lines 15 and 16, under the heading "Federal Pacific Electric Co.: See—" ; same page 267, second column, line 7, under the heading "Federal-Mogul-Bower Bearings, Inc.: See—" strike out "Norden, Alexander 2,923,788." and insert the same between lines 16 and 17, under the heading "Federal Pacific Electric Co.: See—".

A Jack, Inc.: See—
A Mack, Jack C. 3,165,170.
A Krag A/S: See—
 Bakke, Bjorn K. 3,206,901.
A Monforts Maschinenfabrik: See—
 Von Ondarza, Leon Herbert, and Beckers. 3,188,837.
A Wire Products Co.: See—
 Lucas, Joseph N. 3,221,458.
B Vapor: See—
 Ignell, Rolf L. 3,118,233.
B C Packaging Machine Corp.: See—
 Neal, Morris P. 3,300,192.
B and C Engineering Co. See—
 Atherholt, George L. Sr. 3,174,765.
 Atherholt, George I. Sr. 3,193,163.
C B Corp.: See—
 Hitchcock, Arthur A. 3,198,899.
CD Bedding Corp.: See—
 Kamp, Ewald A. 3,205,915.
C E Machinery Ltd.: See—
 Cummins, Peter A. 3,203,506.
CEC Ateliers de Construction Electriques de Charleroi, S.A.:
 Haldimann, Hans R. 3,165,029.
CF Industries, Inc.: See—
 Anderson, Clifford E. 3,184,213.
 Anderson, Clifford E. 3,184,215.
 Anderson, Clifford E. 3,223,111.
 Anderson, Clifford E. 3,226,078.
 Anderson, Clifford E. Downs, and Gulick. 3,192,948.
 Anderson, Clifford E. and Gulick. 3,174,495.
 Anderson, Clifford E. and Lowrey. 3,215,157.
 Ariesohn, Edmond R., Hammerstein, and Shepherd.
 3,190,950.
 Ariesohn, Edmond R., Hammerstein, and Shepherd.
 3,215,823.
 Hergen, James W. and Cove. 3,188,982.
 Hadley, William A. 3,164,168.
 Hadley, William A. 3,186,351.
 Brown, Morris C. 3,170,006.
 Brown, Morris C. 3,174,732.
 Brown, Morris C. and Johnson. 3,167,599.
 Brown, Morris C. and Johnson. 3,181,843.
 Carney, John L. Jr. and Trompeter. 3,190,238.
 Charles, Asa F., and Kemp. 3,173,381.
 Compton, Donald R. and Fitzgerald. 3,186,349.
 Eisenberg, Robert A. 3,194,869.
 Eisenberg, Robert A. and Jameson. 3,188,911.
 Fitzgerald, John B. 3,186,350.
 Fontaine, Robert B. 3,164,787.
 Gibson, Earl D. 3,184,544.
 Goff, William M. Gibson, and Powers. 3,204,029.
 Gulick, Ronald A. and Lowrey. 3,226,082.
 Highley, Wenford and Frey. 3,179,088.
 Hochmuth, William, Lowrey, and Natho. 3,223,380.
 Jepp, Charles W. Jr. and Niemeyer. 3,193,151.
 Jepp, Charles W. Jr. and Niemeyer. 3,225,158.
 Johnson, Eldon A. 3,182,601.
 Johnson, Eldon A. 3,108,738.
 Johnson, Eldon A. 3,213,878.

ACF Industries, Inc.: See—Continued
 Johnson, James W., Jr., and Yopp. 3,211,421.
 Kalert, Ralph E., Jr. 3,174,731.
 Kalert, Ralph E., Jr. 3,179,055.
 Kalert, Ralph E., Jr. 3,188,060.
 Kalert, Ralph E., Jr. 3,218,978.
 Kalert, Ralph E., Jr., and Johnson. 3,189,333.
 Kemp, Willard E. 3,167,026.
 Kemp, Willard E. 3,217,661.
 Kemp, Willard E., and Barbier. 3,194,420.
 Kemp, Willard E., and Barbier. 3,215,473.
 Korte, Alfred C. 3,186,470.
 Korte, Alfred C. 3,193,043.
 Korte, Alfred C. 3,219,272.
 Lowrey, William E. 3,186,681.
 Lowrey, William E. 3,193,248.
 Lowrey, William E. 3,226,080.
 Martin, Charles L., and Brown. 3,169,154.
 Mateer, Robert A. 3,223,954.
 Mowatt-Larssen, Rolf. 3,188,981.
 Mowatt-Larssen, Rolf, and Koo. 3,207,080.
 Myles, Walter E. 3,183,295.
 Natho, Paul J. 3,171,628.
 Natho, Paul J. 3,212,516.
 Newman, Ottis E. 3,189,330.
 Newman, Vernon D., and Barry. 3,222,039.
 Nowlin, Ivan E. 3,222,762.
 Pellnitz, Herman G. 3,221,898.
 Price, William G. 3,164,265.
 Price, William G., and Frederick. 3,175,699.
 Price, William G., and May. 3,164,262.
 Price, William G., and May. 3,164,264.
 Rollins, Dallas W., and Fischer. 3,225,707.
 Smith, Russell F. Re. 25,849.
 Smith, Russell F. 3,198,128.
 Stein, Arnold P. 3,203,235.
 Szwargulski, Alex N., and Niemeyer. 3,202,267.
 Szwargulski, Jesse L. 3,189,331.
 Szwargulski, Jesse L. 3,202,173.
 Szwargulski, Jesse L., and Kalert. 3,215,418.
 Terlecky, Boris. 3,205,834.
 Terlecky, Boris, and Krause. 3,183,853.
 Whitby, Clyde M., and Fontaine. 3,183,497.
 Yopp, John L. 3,206,184.
A.E.C. Societe de Chimie Organique et Biologique, Societe
 Anonyme dite: See—
 Redel, Joseph, and Nicolaux. 3,210,427.
A.E.I. John Thompson Nuclear Energy Co. Ltd.: See—
 Wood, William G. E., and Thomas. 3,213,530.
AEL Development and Research Division, Inc.: See—
 Hawley, George F., and Moulder. 3,224,306.
AEL Food Automation Division, Inc.: See—
 Moulder, Jean E., Hoffinger, and Scherr. 3,224,554.
 Hawley, George F., Murphy, Moulder, Miller, and Crane.
 3,191,357.
 Hawley, George F., Murphy, Moulder, Miller, and Crane.
 3,191,749.
 Scherr, Robert E. 3,174,789.
 Scherr, Robert E., Moulder, Hawley, and Buettner.
 3,191,358.
AG Pro Inc.: See—
 Gribble, Donald J., and Bennett. 3,223,070.
AGA Aktiebolag: See—
 Gerlach, Erwin. 3,165,251.
A.G.S. Development & Sales Corp.: See—
 Aler, Richard P. 3,198,233.
A. I. Steel and Iron Foundry Ltd.: See—
 Boyd, William D. M., and Young. 3,196,510.
A&J Designers, Inc.: See—
 Atwood, Harold T., and Kopp. 3,190,582.
A. J. Industries, Inc.: See—
 Fossard, Thomas E. 3,186,731.
 Ralder, John E. 3,222,082.
 Vanl, James. 3,208,089.
A. J. Mfg. Co.: See—
 Koehler, Albert T. 3,215,064.
A & L Processing Co.: See—
 Amburn, Ray D. 3,170,783.
AMF American Iron, Inc.: See—
 Wolfe, Duane M. 3,202,178.

AMP Inc.: See—

Aksu, Akin. 3,170,746.
 Bennion, David R., and Engelbart. 3,208,052.
 Broske, William F. 3,171,224.
 Broske, William F. 3,173,369.
 Broske, William F. 3,212,534.
 Broske, William F. 3,212,535.
 Broske, William F., and Jaycox. 3,187,500.
 Brown, Malcolm N., and Stark. 3,206,717.
 Cabaugh, Robert F. 3,188,072.
 Cabaugh, Robert F. 3,188,074.
 Cabaugh, Robert F. 3,188,076.
 Cabaugh, Robert F. 3,188,078.
 Cabaugh, Robert F. 3,191,281.
 Cabaugh, Robert F., and Long. 3,188,073.
 Collier, John C. 3,184,877.
 Crockett, David R., and Harris. 3,192,457.
 Dell, Harry J. 3,210,721.
 De Lyon, René. 3,179,738.
 De Lyon, René, and Travis. 3,188,006.
 Demler, Henry W. 3,191,464.
 Demler, Henry W. 3,217,519.
 Dowling, Edward C. 3,215,994.
 Dowling, Edward C. 3,219,986.
 Engelbart, Douglas C. 3,195,117.
 Esser, Wilhelm C. J. 3,181,113.
 Esser, Wilhelm C. J., and Wilm. 3,223,961.
 Evans, William R., and Swengel. 3,192,445.
 Feeser, William C. 3,218,601.
 Floyd, Edwin, Jr. 3,189,983.
 Floyd, Edwin, Jr. 3,216,091.
 Forney, Edgar W., Jr. Re. 25,847.
 Forney, Edgar W., Jr. 3,200,190.
 Forney, Edgar W., Jr. 3,200,364.
 Fritz, William B., and Whitley. 3,221,176.
 Fuller, Glenwood A. 3,168,366.
 Fuller, Glenwood A. 3,222,632.
 Gluntz, Glenn H. 3,173,738.
 Gluntz, Glenn H. 3,187,297.
 Graeff, Norwood C. 3,210,719.
 Hammell, Kemper M. 3,223,962.
 Hartwell, Ronald G. 3,173,734.
 Hartwell, Ronald G. 3,189,962.
 Hatfield, John G. 3,189,868.
 Hatfield, John G., and Trump. 3,200,362.
 Henschen, Homer E. 3,205,468.
 Huber, John H., and Schumacher. 3,179,912.
 Huber, John H., and Schumacher. 3,201,743.
 Irvine, John E., and Osman. 3,205,567.
 Keller, Joseph R. 3,202,959.
 Kinkaid, Robert J. 3,202,954.
 Kinkaid, Robert J. 3,215,975.
 Kinkaid, Robert J., and Frantz. 3,173,737.
 Leonard, George H. 3,214,957.
 Long, Robert A. 3,220,099.
 Long, Robert A., Lovendusky, and Vickery. 3,204,334.
 Mallinson, John C. 3,178,694.
 Mallinson, John C. 3,207,912.
 McFadden, Bruce R., Jarrett, and Shlesinger. 3,206,718.
 Obert, Luciano, and Teagno. 3,184,705.
 O'Keefe, Michael F. 3,219,963.
 Over, William R. 3,174,323.
 Over, William R. 3,177,687.
 Potter, Rossiter E., Ullman, and Fuller. 3,185,952.
 Roberts, Lincoln E. 3,178,689.
 Roberts, Lincoln E. 3,188,599.
 Roberts, Lincoln E. 3,221,294.
 Rueger, Herman. 3,217,319.
 Scheller, Wilfred R. 3,178,674.
 Shannon, Suel G. 3,187,298.
 Shlesinger, Bernard E., Jr. 3,217,283.
 Shlesinger, Bernard E., Jr. 3,217,284.
 Sitz, Gilbert C. 3,184,950.
 Sitz, Gilbert C. 3,191,411.
 Smith, Frank J., and Witmyer. 3,212,316.
 Stark, Frank B. 3,212,050.
 Stark, Frank B., and Laudig. 3,221,290.
 Stoltz, Herbert C. 3,166,114.
 Stull, Robert S. 3,205,568.
 Sweeney, Joseph P. 3,197,745.
 Sweeney, Joseph P. 3,204,329.
 Sweeney, Joseph P. 3,211,916.
 Trump, Robert G. 3,166,369.
 Trump, Robert G. 3,175,179.
 Vickery, John R., Jr. 3,188,075.
 Vickery, John R., Jr. 3,188,077.
 Welmer, Edgar A., Jr. 3,214,722.
 Woolley, Harold O., Jr. 3,178,578.

AMT Corp.: See—

Toteff, George A., and Bacsanly. 3,201,899.

A & P Brush Mfg. Corp.: See—

Pacclone, Joseph. 3,177,038.

AP Parts Corp., The: See—

Osborn, Norton J., and Tabbert. 3,192,593.

A.P.A.W., S.A.: See—

Carpigiani, Paoletto. 3,188,826.

APF Inc.: See—

Muun, Ben. 3,200,526.

APF Industries, Inc.: See—

Kegel, Francis C. 3,202,468.
 Krebs, Glenn F., and Crowdes. 3,200,302.

API Instruments Co.: See—

Crowdes, George J. 3,196,321

A.P.V. Co. Ltd., The: See—

Goodman, Hugh F. 3,216,494.
 Shore, David T. 3,171,746.
 Shore, David T., Royston, and Watson. 3,173,793.
 Usher, John D., and Wright. 3,179,165.

A.R.F. Products, Inc.: See—

Freydmodsson, Bragi. 3,185,947
 Owerke, John R. 3,205,409.

A/S Niro Atomizer: See—

Hohne, Per. 3,195,241.

A/SA. Andersen Staalvarefabrik See—

Andersen, Anders. 3,225,840.

A-S-H Industries, Inc.: See—

Jensen, Robert M. 3,177,636.

A. V. Electronics, Inc.: See—

Auernheimer, Clarence L.

Auernheimer, Clarence L.

A.V.R. Achat, Ventas, Representations, Societe Anonyme: See—

Vilbajo, Jean. 3,174,429.

AWEPA: See—

Weber, Alexander. 3,175,243

Weber, Alexander. 3,193,163.

Aagaard, Georg C. S. Roof structure. 3,173,224, 3-16-65, Cl. 50-4.

Aagaard, Georg C. S. Removable nels. 3,181,664, 5-4-65, Cl. 188-58.

Aagaard, Leif, to National Lead Co. Dispersing agent for titanium dioxide pigment. 3,173,033, 4-12-65, Cl. 106-300.

Aaland, Arnold E., to General Mills, Inc. Multi-tip dispensing device. 3,195,784, 7-20-65, Cl. 22-182.

Aalpoel, Marten G.: See—

Maas, Henricus J., and Aalpoel 3,191,473.

Aaron, Charles, to Cameron Mach Co. Differential drive to surface of individual rewind rolls. 3,188,016, 6-8-65, Cl. 242-65.

Aaron, Charles, to Cameron Mach Co. Automatic variable speed rewind drive. 3,198,453, 3-65, Cl. 242-65.

Aaron, Charles, and J. Fundyk, to Cameron Machine Co. Rewind machines. 3,179,349, 4-2-65, Cl. 242-65.

Aaron, Marvin R., and H. H. Heising, to Bell Telephone Laboratories, Inc. Asynchronous pulse multiplexing. 3,202,762, 8-24-65, Cl. 179-15.

Aaron, Maurice. Tank flushing apparatus. 3,183,526, 5-18-65, Cl. 4-47.

Aarons Bros. Ltd.: See—

Allan, Morris. 3,216,468.

Aase, Duane T.: See—

Hennig, Robert J., and Aase. 208,916.

Aasland, John L., to International Harvester Co. Retaining means for roller chain. 3,172,313, 9-65, Cl. 81-15.

Aasted, Jorgen: See—

Chatelain, Maurice G., Aasted, ad Bensimon. 3,225,351.

Abadjeff, Ivan V. Fabric wall and ceiling supporting means. 3,166,117, 1-19-65, Cl. 160-392.

Abajian, Aram C. Infant's crib. 3,165,760, 1-19-65, Cl. 6-97.

Abate, Joseph, Jr., and M. Dreistat, Sr., to Star Products, Inc. Brush making machine. 3,223,453, 12-14-65, Cl. 300-2.

Abbe, Edward H., M. Berman, A.B. Blankenship, Jr., and E. H. Sills, to General Electric Co. Article handling system. 3,181,713, 5-4-65, Cl. 214-11.

Abbey Electronics Corp.: See—

Bosworth, Seymour, and Zauder. 3,202,953.

Abbey Etna Machine Co.: See—

Ruple, Lewis H., and Drier. 3,170,427

Abbey, Harold G. Bi-directional dent mechanism. 3,164,032, 1-5-65, Cl. 74-527.

Abbey, Harold G. Self-aligning electrical contact shoes for movable carriers. 3,171,005, 2-2-65, Cl. 200-166.

Abbey, Harold G. Electroplating baths. 3,199,343, 8-10-65, Cl. 259-8.

Abbey, Harold G. Key card dispatched conveyor systems. 3,207,337, 9-21-65, Cl. 214-89.

Abbey, Harold G. Key card dispatched conveyor systems. 3,220,534, 11-30-65, Cl. 198-38.

Abbey, John C., and T. E. Hawkins, to Aeroquip Corp. Coupling. 3,202,442, 8-24-65, Cl. 285-3.

Abbey, Lorenzo D.: See—

Maloney, Albert J., and Abbey. 3,174,290.

Abbott, Bennett E., Jr., to Sun Oil Co. Seal and connector assembly. 3,223,959, 12-14-65, Cl. 239-94.

Abbott, Bert F.: See—

Pereus, Joseph H., Abbott, Bacon and MacMillan. 3,222,794.

Abbott, Daniel B.: See—

Brinkel, Edwin F., and Abbott. 3,173,736.

Cameron, Russell J., and Abbott. 3,176,954.

Abbott, Daniel B., and R. J. Kinder, to Ross Operating Valve Co. Device for preventing momentary transmission of pressure through normally open valve. 3,194,266, 7-13-65, Cl. 137-596.16.

Abbott, Elbert V. Collection device for parking fees. 3,181,780, 5-4-65, Cl. 232-1.

Abbott, Frank R. Two-dimensional electromagnetic delay line. 3,179,937, 4-20-65, Cl. 343-100.

Abbott, Gaynor L.: See—

Parker, William J., Butler, Abbott, and Jenkins. 3,165,915.

- Abbott, Harold W., and V. P. Mathis, to General Electric Co. Transistorized step multiplier. 3,177,350, 4-6-65, Cl. 235-152.
- Abbott, Harold W., and H. Raillard, to General Electric Co. Complementary transistor negative resistance relaxation oscillator. 3,185,940, 5-25-65, Cl. 331-111.
- Abbott, Henry H., to Bell Telephone Laboratories, Inc. Signaling arrangement. 3,166,642, 1-19-65, Cl. 179-84.
- Abbott, Henry H., to Bell Telephone Laboratories, Inc. Dial pulse detector. 3,219,762, 11-23-65, Cl. 179-84.
- Abbott, Henry H., A. E. Gebore, and E. von der Linden, to Bell Telephone Laboratories, Inc. Transfer circuit for private branch exchange. 3,178,995, 3-16-65, Cl. 179-27.
- Abbott, Henry H., A. B. Brown, Jr., W. A. Depp, R. D. Fracassi, and R. D. Williams, to Bell Telephone Laboratories, Inc. Data communication system. 3,223,976, 12-14-65, Cl. 340-147.
- Abbott, John A., to FMC Corp. Means for and method of pre-stressing concrete. 3,167,882, 2-2-65, Cl. 50-128.
- Abbott Laboratories: *See—*
- Alder, James E., and Beall. 3,205,889.
 - Bay, Paul G. 3,207,761.
 - Beall, Glenn L., and Bujan. 3,217,710.
 - Beall, Glenn L., and Scislowicz. 3,186,450.
 - Beebe, James H. 3,217,577.
 - Berg, Robert H. 3,217,889.
 - Bujan, Albert F., Ryan, and Loper. 3,209,752.
 - Donnison, George H. 3,192,252.
 - Fager, Earl E., Oliver, Prokop, and Sinclair. 3,218,239.
 - Freiberg, Leslie A. 3,192,238.
 - Freiberg, Leslie A., and Cole. 3,194,821.
 - Freiberg, Leslie A., and Cole. 3,218,341.
 - Freifelder, Morris, and Cota. 3,218,352.
 - Freifelder, Morris, and Kurath. 3,192,237.
 - Freifelder, Morris, and Meltner. 3,194,833.
 - Gleason, Geoffrey I. 3,218,132.
 - Gulbransen, Capron R., Jr., and Zagnoli. 3,178,838.
 - Jeffries, James F. 3,187,019.
 - Kirkland, Walter D., and Oda. 3,198,868.
 - Kurath, Paul. 3,190,895.
 - Ling, Wilfred C. 3,167,299.
 - Ling, Wilfred C. 3,175,555.
 - Nauta, Howard J., and Grasty. 3,217,574.
- Abbott Machine Co., Inc.: *See—*
- Perry, Winthrop L. 3,168,257.
 - Perry, Winthrop L. 3,204,884.
 - Perry, Winthrop L. 3,210,022.
- Abbott, Matthew C., and T. H. Griffin, to Sylvania Electric Products Inc. Drift stabilized amplifier. 3,176,236, 3-30-65, Cl. 330-25.
- Abbott, Olney J., Jr., to Colonial Broach and Machine Co. Pull-down broaching machine. 3,180,231, 4-27-65, Cl. 90-67.
- Abbott, Randle L.: *See—*
- Lamburn, Alan S., and Abbott. 3,164,036.
- Abbott, Richard L.: *See—*
- Stengel, Leonard A., and Abbott. 3,209,038.
- Abbott, Roy W.: *See—*
- Thornton, Raymond C., and Abbott. 3,174,301.
- Abbott, Roy W., to General Electric Co. Air conditioning unit. 3,176,474, 4-6-65, Cl. 62-280.
- Abbott, Terence A.: *See—*
- McPherson, Norman S., Clachan, Tatchell, and Abbott. 3,187,065.
- Abbott, Thomas I.: *See—*
- Yackel, Edward C., and Abbott. Re. 25,885.
- Abbott, Tiley C., Jr.: *See—*
- Gerlach, Richard K., and Abbott. 3,207,911.
- Abbott, William B.: *See—*
- Klepper, Herbert, and Abbott. 3,225,908.
 - Klepper, Herbert, and Abbott. 3,225,909.
- Abbott, William B., to Eltra Corp. Spaceband box for typographical composing machines. 3,225,906, 12-28-65, Cl. 199-22.
- Abbott, William B., and H. Klepper, to Eltra Corp. Justification mechanism for linecasting machines. 3,186,538, 6-1-65, Cl. 199-51.
- Abbott, Wilton R.: *See—*
- Bower, John L., and Abbott. 3,218,911.
- Abbond, Harry I.: *See—*
- Cagnoliatti, Lloyd A., Kellogg, Lafleur, and Abboud. 3,210,155.
- Abdallan, Noubar S.: *See—*
- Shields, Seabough S. 3,190,011.
- Abdallan, Noubar S. and R. V. Dry cleaning solvent purifying apparatus. 3,168,469, 2-2-65, Cl. 210-232.
- Abdallan, Robert V.: *See—*
- Abdallan, Noubar S. and R. V. 3,168,469.
 - Shields, Seabough S. 3,190,011.
 - Martin, William B., and Swett. 3,211,741.
 - Mathews, Charles W. 3,207,789.
 - Mhatre, Madhukar V. 3,226,430.
 - Overby, Lacy R. 3,167,566.
 - Pecina, Richard W., Scislowicz, and Dayton. 3,217,711.
 - Redmer, Wilbert W. 3,167,085.
 - Richards, Richard K., and Vernsten. 3,170,955.
 - Robinson, Ralph M. 3,196,179.
 - Robinson, Ralph M., and Sundberg. 3,194,839.
 - Salem, William F., Jr., and Alder. 3,177,870.
- Abdallan, Robert V.: *See—Continued*
- Schneider, John H., and Beall. 3,217,709.
 - Scislowicz, Henry M. 3,206,073.
 - Scislowicz, Henry M. 3,206,080.
 - Scislowicz, Henry M. 3,216,418.
 - Scislowicz, Henry M. 3,216,419.
 - Shah, Vipin D. 3,207,781.
 - Tadanier, John S. 3,218,340.
 - Tadanier, John S., and Cole. 3,189,606.
 - Tadanier, John S., and Cole. 3,218,317.
 - Zaugg, Harold E., De Net, and Michaels. 3,226,419.
- Abe, Fujio, and J. V. Cauthen, to Burlington Industries, Inc. Stretch control of material in a textile processor. 3,197,848, 2-2-65, Cl. 28-28.
- Abe, Isao: *See—*
- Shirae, Kimisuke, Kobayashi, and Abe. 3,218,565.
- Abe, Shigeo, K. Udagawa, T. Nara, and M. Misawa, to Kyowa Hakko Kogyo Co., Ltd. Method for producing xanthylic acid by microorganisms. 3,211,629, 10-12-65, Cl. 193-28.
- Abe, Zenmon: *See—*
- Aoki, Nobuhiko, and Abe. 3,221,272.
 - Takami, Katsumi, Abe, Matsuura, and Furuhashi. 3,225,211.
- Abeck, Wilhelm: *See—*
- Eichler, Wolfgang, Abeck, and Krone. 3,205,121.
- Abeeg & Reinhold Co.: *See—*
- Haby, George H. 3,169,425.
 - Spiri, Willy H., Maby, and Price. 3,210,821.
- Abel, Edmond L., and J. G. Spanyl, to Burndy Corp. Flexible electrical jumper connections. 3,212,046, 10-12-65, Cl. 339-1.
- Abel, Edward P.: *See—*
- Minsk, Louis M., and Abel. 3,165,412.
- Abel, Heinz: *See—*
- Casty, Richard, Abel, Maeder, and Berger. 3,218,116.
 - Casty, Richard, Berger, Moismann, and Abel. 3,211,514.
- Abel, Martin, to Force Controls Co. Strain gauge. 3,213,678, 10-26-65, Cl. 73-88.
- Abel, Martin L., to Tann Corp. Magnetic proximity switch. 3,172,976, 3-9-65, Cl. 200-87.
- Abel, Martin L., and D. Tann, to Tann Corp. Air bearing. 3,169,807, 2-16-65, Cl. 308-9.
- Abele, Vernon R., and D. R. Sterba, to Fansteel Metallurgical Corp. Snap-action electrical switch with slotted normally unstressed movable contact blade. 3,172,970, 3-9-65, Cl. 200-87.
- Abelin, Rudolf: *See—*
- Lidmalm, Tord N. G., Abelin, and Kilaker. 3,172,830.
- Abelow, Joseph. Aquatic steering device. 3,171,383, 3-2-65, Cl. 115-70.
- Abelsma, Cornelis B., to James Lees and Sons Co. Pressure sensitive streak eliminator for tufting machines. 3,221,683, 12-7-65, Cl. 112-79.
- Abelson, Alvar N., and A. H. Tidd, to Rose Aviation, Inc. Quick connect coupling. 3,218,025, 11-16-65, Cl. 251-149.5.
- Abelson, Louis. Cricothyrotomy needle. 3,182,663, 5-11-65, Cl. 128-305.
- Abelson, Louis. Fracture setting tool. 3,208,450, 9-28-65, Cl. 128-83.
- Abendroth, Hans-Joachim: *See—*
- Jonas, Heinz, and Abendroth. 3,170,957.
- Abendroth, Robert V.: *See—*
- Schmitter, Walter P. 3,187,209.
 - Schmitter, Walter P. 3,196,635.
- Abercrombie & Finch Co.: *See—*
- Linarelo, Domenico. 3,193,961.
- Abere, Joseph F.: *See—*
- Charbonneau, Robert R., and Abere. 3,188,263.
 - Charbonneau, Robert R., and Abere. 3,188,266.
- Aberg, Anders B. Fastener and distance means for tubes and conductors. 3,225,506, 12-28-65, Cl. 52-701.
- Aberg, Lars D., to Aktiebolaget Gotex. Pyrotechnic hand flares. 3,175,493, 3-30-65, Cl. 102-37.8.
- Aberge, Carroll L., and K. D. Sullenger; said Sullenger assor. to said Aberge. Educational device. 3,172,214, 3-9-65, Cl. 35-8.
- Aberle, Earl J.: *See—*
- Lenz, Carl, Aberle, and Orebic. 3,210,822.
- Abermeth, Hubert, to Klockner-Humboldt-Deutz Aktiengesellschaft. Rotary piston internal combustion engine. 3,206,108, 9-14-65, Cl. 230-210.
- Abernathy, Frank W.: *See—*
- Raynolds, David W., Smith, and Abernathy. 3,194,002.
- Abernathy, Roger E., and L. R. Harper, to International Business Machines Corp. Printer system with continuously rotating print wheels. 3,215,070, 11-2-65, Cl. 101-95.
- Abernethy, Ira A., to United States Ceramic Tile Co. Ceramic wall tile assembly. 3,192,097, 6-29-65, Cl. 161-38.
- Abernethy, Ira A., to United States Ceramic Tile Co. Apparatus for securing a plurality of units in abutting relationship with one another. 3,210,237, 10-5-65, Cl. 156-518.
- Abernethy, Ira A., R. W. Vall, H. R. Fechter, and S. J. Cable, to United States Ceramic Tile Co. Mold assembly for forming pregrouted ceramic tile sheets. 3,192,567, 7-6-65, Cl. 18-36.
- Abernethy, Marvin D. Matrix inserter. 3,208,582, 9-28-65, Cl. 199-18.
- Abernethy, Robert K. Container positioning, supporting and stapling jig. 3,178,168, 4-13-65, Cl. 269-296.

- Abert, Charles, to Bell Telephone Laboratories, Inc. Distributed telephone switching system. 3,217,109, 11-9-65, Cl. 179-18.
- Aberth, Oliver G.: *See*—
Andersson, Per L., and Aberth. 3,191,009.
- Aberth, Oliver G., and P. L. Andersson, to Sperry Rand Corp. Check digit verifiers. 3,183,482, 5-11-65, Cl. 340-146.1.
- Abescat, Leopold, J. Blandin, J. Guillot, and E. Stauff, to Etat Français, representé par Le Ministre des Armées, Délégation Ministerielle pour l'Armement (Direction des Poudres, and Nord-Aviation, Société Nationale de Constructions Aéronautiques. Projectile propulsive system with pressure-actuable arming means. 3,205,821, 9-14-65, Cl. 102-49.
- Abildgaard, William H., to Plastomeric Products Corp. Glove mold. 3,170,194, 2-23-65, Cl. 18-41.
- Ability Products Ltd.: *See*—
Thorne-Symmons, Eric. 3,195,157.
- Abilock, Solomon: *See*—
Shottenfeld, Richard, and Abilock. 3,175,041.
- Abiti Power & Paper Co., Ltd.: *See*—
Ewerbring, Lars E. F. 3,220,900.
Eynon, John E. 3,174,632.
- Able, Edward T., to B. K. Sweeney Co. Torque tester. 3,199,344, 8-10-65, Cl. 73-134.
- Able, Edward T., to B. K. Sweeney Co. Torque calibrating device. 3,217,533, 11-16-65, Cl. 73-134.
- Ableson, Arthur E., R. J. Woody, and M. B. Goren, to Kerr-McGee Oil Industries, Inc. Recovery process. 3,180,703, 4-27-65, Cl. 23-14.5.
- Ablett, Harold A., G. E. Childs, P. K. Johnson, and V. A. Kerbs, to United States of America, Army. Cargo ship design for quick loading and discharge. 3,165,211, 1-12-65, Cl. 214-15.
- Ablon, Meyer H., 50% to R. E. Stein. Adjustable three-knife paper cutter and trimmer. 3,198,051, 8-3-65, Cl. 83-446.
- Abocsky, Robert I., to The Bendix Corp. Coincidence mechanism. 3,199,779, 8-10-65, Cl. 235-91.
- Abodeley, Alex J. Convertible top folding cover. 3,175,859, 3-30-65, Cl. 296-136.
- Abolins, Andrew, to Strick Trailers, a Division of Fruehauf Trailer Co. Harness for trailer clearance lights. 3,192,377, 6-29-65, Cl. 240-8.2.
- Abolins, Andrew, to Strick Trailers, a Division of Fruehauf Trailer Co. Clearance light for trailers. 3,196,267, 7-20-65, Cl. 240-8.2.
- Abolins, Andrew, to Strick Trailers, a Division of Fruehauf Corp. Continuous, self-locking means and method of attaching roof sheet to sides of vehicle body. 3,205,001, 9-7-65, Cl. 296-100.
- Abolins, Arnold: *See*—
Weissheimer, Herbert, and Abolins. 3,185,872.
- Abood, Leo G., to Colgate-Palmolive Co. Polymethyl-eniminoalkylamides. 3,185,678, 5-25-65, Cl. 260-239.
- Abouzeck, William, to Sperry Rand Corp. Pulse synchronizing system. 3,174,151, 3-16-65, Cl. 343-103.
- Aboytes, Peter: *See*—
Iannicelli, Joseph, and Aboytes. 3,193,344.
- Abplanalp, Robert H. Over-cap for a pressurized dispenser. 3,215,317, 11-2-65, Cl. 222-182.
- Abplanalp, Robert H. Dispenser for materials under pressure. 3,217,936, 11-16-65, Cl. 222-136.
- Abplanalp, Robert H., and J. C. Pizzurro, to Precision Valve Corp. Tab cap valve actuator for an aerosol dispenser and protective head therefor. 3,185,350, 5-25-65, Cl. 222-182.
- Abraham, Anton, to Wiener Kammfabrik Anton Abraham Komm. Ges. Teasing comb. 3,181,540, 5-4-65, Cl. 132-159.
- Abraham, Edward P., G. G. F. Newton, and C. W. Hale, to National Research Development Corp. Recovery of cephalosporin C. 3,184,454, 5-18-65, Cl. 260-243.
- Abraham, Edward P., G. G. F. Newton, and J. d'A. Jeffery, to National Research Development Corp. Derivatives of cephalosporin C. 3,202,658, 8-24-65, Cl. 260-243.
- Abraham, Edward P., and G. G. F. Newton, to National Research Development Corp. Transformation products of cephalosporin C and derivatives thereof. 3,207,755, 9-21-65, Cl. 260-243.
- Abraham, Edward P., and G. G. F. Newton, to National Research Development Corp. Transformation products of cephalosporin C and derivatives thereof. 3,219,662, 11-23-65, Cl. 260-243.
- Abraham, Edward P., G. G. F. Newton, and C. W. Hale, to National Research Development Corp. Cephalosporin Ca derivatives. 3,226,384, 12-28-65, Cl. 260-239.75.
- Abraham, Frederick W., to Twinay, Inc. Wallboard scoring device. 3,174,225, 3-23-65, Cl. 30-292.
- Abraham, George. Multistable electrical switching means embodying semiconductors. 3,184,602, 5-18-65, Cl. 307-88.5.
- Abraham, George. Multistable circuit employing plurality of parallel-connected semiconductor devices each having more than one PN junction. 3,200,266, 8-10-65, Cl. 307-88.5.
- Abraham, Harry M., 1/2 to J. Howarth, and L. C. Johnson. Clip for paper currency. 3,224,052, 12-21-65, Cl. 24-3.
- Abraham, Leonard G., Jr., to General Electric Co. Pattern recognition systems. 3,213,421, 10-19-65, Cl. 340-146.3.
- Abraham, Milton E., and J. L. Smith, to Armour Pharmaceutical Co. Sunscreening preparations. 3,175,950, 3-30-65, Cl. 167-90.
- Abrahams, Noel, to Normalair Ltd. Air conditioning systems. 3,177,676, 4-13-65, Cl. 62-172.
- Abrahamson, Dean E., and P. D. Senstad, to Honeywell Inc. Nuclear magnetic resonance spin oscillator. 3,172,055, 3-2-65, Cl. 331-94.
- Abramitis, Walter W.: *See*—
Reck, Richard A., Abramitis, and Wilhelmy. 3,178,277.
- Abramitis, Walter W., and R. A. Reck, to Armour and Co. Controlling tobacco sucker growth. 3,223,517, 12-14-65, Cl. 71-2.7.
- Abramo, Anthony E., and P. C. Elsmann, to Ciba Corp. Composition for the management of post-antibiotic enteritis. 3,174,899, 3-23-65, Cl. 167-53.
- Abramo, John G., and E. C. Chapin, to Monsanto Co. p-(Aminoalkyl)benzylamines. 3,203,993, 8-31-65, Cl. 260-570.8.
- Abramo, John G., and E. C. Chapin, to Monsanto Co. Aminoalkyl-aromatic-ethylamines. 3,209,029, 9-28-65, Cl. 260-570.8.
- Abramovitz, Stanley, J. Cherubim, and V. J. Pizzitola, to Industrial Tectonics, Inc. Clutch. 3,211,266, 10-12-65, Cl. 192-88.
- Abrams, Bernard W., to Clevite Corp. Acoustic system. 3,164,659, 1-5-65, Cl. 35-10.4.
- Abrams, Ellis: *See*—
Smith, Robert K., and Abrams. 3,196,071.
- Abrams, Gilbert L.: *See*—
Davidson, Emil, and Abrams. 3,179,300.
- Abrams, Imogene D.: *See*—
Weber, Eberhard E. H., and Abrams. 3,164,186.
- Abrams, Morris, to Arrow Fastener Co., Inc. Tackers and the like stapling machines. 3,182,878, 5-11-65, Cl. 227-83.
- Abrams, Raymond: *See*—
Lord, John G., and Abrams. 3,169,698.
- Abramson, Abraham, to Raylite Electric Corp. Artificial Christmas tree branch construction. 3,167,467, 1-26-65, Cl. 161-24.
- Abramson, Jay J., to The Electric Storage Battery Co. Electric battery. 3,170,819, 2-23-65, Cl. 136-6.
- Abramson, Louis, Jr. Plastic bench-seats. 3,213,570, 10-26-65, Cl. 52-8.
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- Abramson, Paul, R. W. Bennett, and G. R. Stilwell, Jr., to International Business Machines Corp. Electrical communication apparatus. 3,215,984, 11-2-65, Cl. 340-147.
- Abramson, Robert Y.: *See*—
Kelly, Jack J., and Abramson. 3,167,092.
- Abrasive Developments Ltd.: *See*—
Ashworth, Stewart I., and Field. 3,211,101.
- Abrasive Dressing Tool Co.: *See*—
Wellborn, William W. 3,214,965.
- Abromaitis, Andre T., to McGraw-Edison Co. Ultraviolet detector with R. C. means to prevent overheating of the electrodes. 3,196,273, 7-20-65, Cl. 250-83.6.
- Abromaitis, Andre T., A. Leen, and J. B. Johnson, to McGraw-Edison Co. Unidirectional ultraviolet detection systems. 3,207,903, 9-21-65, Cl. 250-83.6.
- Abuzzigno, Samuel A. Safety net for vehicle occupants. 3,169,781, 2-16-65, Cl. 280-150.
- Abatz, Seymour, and J. L. Cifu, Jr., to Sperry Rand Corp. Ford Instrument Co. Digital-to-analog converter. 3,225,345, 12-21-65, Cl. 340-347.
- Absler, Howard K.: *See*—
Wayne, Ignatius R., Pollard, and Absler. 3,197,601.
- Absolon, Eric W., to Avery-Hardoll Ltd. Automatic liquid flow arresting means. 3,174,503, 3-23-65, Cl. 137-393.
- Abson, James W.: *See*—
Wood, Charles W., Clough, Abson, and Murphy. 3,208,734.
- Abt, Clifford F., R. Y. Miner, and A. Spitalny, to American Bosch Arma Corp. Ordnance calculating apparatus. 3,218,438, 11-16-65, Cl. 235-61.5.
- Acara, Nancy A.: *See*—
Breck, Donald W., and Acara. 3,216,789.
- Accary, Andre, and J. Dubuisson, to Commissariat à l'Energie Atomique. Methods for making uranium carbide articles. 3,173,753, 3-16-65, Cl. 23-14.5.
- Accelerated Industries, Inc.: *See*—
Leger, John E. 3,188,259.
- Acciarri, Jerry A.: *See*—
Kennedy, Eugene F., Acciarri, and Bowden. 3,210,435.
- Acciarri, Jerry A., and W. B. Carter, to Continental Oil Co. Purification of aluminum alkyls. 3,218,343, 11-16-65, Cl. 260-448.
- Acco Products: *See*—
Klein, Peter M. 3,176,363.
- Accumulateurs Fixes et de Traction (Société Anonyme): *See*—
Société des: *See*—
Deschamps, Robert M. 3,194,689.
Emerlat, Raymond. 3,193,414.
Jammet, Jean F. 3,183,420.
Jeannin, Robert A. A. 3,203,831.
Plechon, Jean C. 3,186,876.
Seibel, Guy J. L. 3,184,342.
Stanimirovitch, Douchan. 3,172,783.
Stanimirovitch, Douchan. 3,174,879.
Stanimirovitch, Douchan. 3,186,877.
- Accumulatoren-Fabrik Aktiengesellschaft: *See*—
Horn, Lutz, Philipp, Dickfeldt, and Dieberg. 3,214,297.
- Accumulatorenfabrik Sonnenschein G.m.b.H.: *See*—
Jache, Otto. 3,172,782.
Jache, Otto. 3,177,096.

- Accurate Bushing Co.: *See*—
Powers, Vincent J. 3,218,619.
- Accurate Steel Rule Die Manufacturers: *See*—
Scott, Erhardt K. and M. L. 3,182,530.
- Ace Drill Bushing Co., Inc.: *See*—
Henle, John 3,212,181.
- Ace Glass Inc.: *See*—
De Woody, Charles M., Pearce, Mueller, and Egizi. 3,177,341.
- Ace Machine Co.: *See*—
Appleton, Richard L. 3,219,137.
- Achammer, Alfred. Shifting device on transport vehicles. 3,197,023, 7-27-65, Cl. 198-221.
- Achatz, Siegfried: *See*—
Elbi, Josef, Treñl, Jilek, and Achatz. 3,216,714.
- Achey, Norwood. Drainage tile. 3,224,200, 12-21-65, Cl. 61-13.
- Achilles, Günter. Apparatus for compensating unbalance in rotating bodies. 3,177,738, 4-13-65, Cl. 74-573.
- Achin, Gerard R.: *See*—
Thomson, Arthur J., Achin, and Rynhart. 3,194,940.
- Achner, Martin. Electric heating apparatus. 3,173,123, 3-9-65, Cl. 338-304.
- Achner, Martin. Collapsible booth. 3,205,891, 9-14-65, Cl. 128-374.
- Achterhof, Marvin, M. Q. Fetterman, N. L. Havens, and J. F. Whorter, to The Eagle-Picher Co. Homogenized cross linked polyurethanes. 3,192,185, 6-29-65, Cl. 260-75.
- Achterhof, Marvin, and N. L. Havens, to The Eagle-Picher Co. Adhering polyurethane to metal. 3,218,215, 11-16-65, Cl. 156-321.
- Acidos Grastos Limitada: *See*—
Ciocchetti, John E. 3,193,512.
- Acieries de Pompey, Societe des: *See*—
Herzog, Eugene, and Backer. 3,198,622.
- Acim Paper Corp.: *See*—
Heyman, Moses D. 3,168,434.
- Acker, Donald S., to E. I. du Pont de Nemours and Co. Herbicidal composition and method. 3,185,561, 5-25-65, Cl. 71-2.5.
- Acker, Ellsworth G., M. G. Sanchez, and D. E. Kramm, to W. R. Grace & Co. Process for producing hydrophobic and/or organophilic siliceous materials. 3,180,754, 4-27-65, Cl. 117-100.
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- Acker, Eric O. Metal forming machine. 3,216,083, 11-9-65, Cl. 29-6.2.
- Acker, Josef: *See*—
Classen, Hans-Heinrich, and Acker. 3,190,312.
Schonfeld, Paul, Acker, and Classen. 3,179,973.
- Acker, Norman J., to Sunbeam Equipment Corp. Transfer mechanism for heat-treating apparatus. 3,191,919, 6-29-65, Cl. 266-4.
- Acker, Norman J., to Sunbeam Equipment Corp. Furnace transfer mechanism. 3,219,330, 11-23-65, Cl. 266-4.
- Acker, William F., and L. Spiegel, to Honeywell Inc. Control apparatus. 3,178,562, 4-13-65, Cl. 235-92.
- Ackerman, Arthur C. Mass flow meter. 3,201,987, 8-24-65, Cl. 73-231.
- Ackerman, Bernard, to Carlisle Chemical Works, Inc. Manufacture of cellular polyvinyl chloride. 3,197,423, 7-27-65, Cl. 260-2.5.
- Ackerman, Dolletta. Cosmetic dispensing and skin massaging applicator. 3,192,923, 7-6-65, Cl. 128-65.
- Ackerman, Hans-Peter, to Hauni-Werke Korber & Co. K.G. Apparatus for making cigar fillers. 3,205,899, 9-14-65, Cl. 131-23.
- Ackerman, Nathan. Hydropneumatic actuator. 3,172,338, 3-9-65, Cl. 92-11.
- Ackerman, Seymour: *See*—
Moore, Nathaniel N., Perez, and Ackerman. 3,203,261.
- Ackerman, Willis L. Comb honey frame. 3,187,353, 6-8-65, Cl. 6-10.
- Ackermann, Jakob: *See*—
Codignola, Franco, Reni, and Ackermann. 3,184,900.
- Ackermann, Otto: *See*—
Cameron, Frank L., and Ackermann. 3,194,923.
- Ackermann, Walter T., to Radio Corp. of America. Electron tube mounting apparatus. 3,164,115, 1-5-65, Cl. 113-127.
- Ackermann, Walter T., to Radio Corp. of America. Switching device. 3,189,709, 6-15-65, Cl. 200-112.
- Ackermann, Walter T., to Radio Corp. of America. Orienting articles of manufacture. 3,215,238, 11-2-65, Cl. 193-43.
- Ackland, Douglas E., and G. H. E. Wright, to Bristol Siddeley Engines Ltd. Ramjet power plants. 3,174,280, 3-23-65, Cl. 60-35.6.
- Ackley, Charles E., to R. W. Hartnett Co. Capsule sealing method and apparatus. 3,200,556, 8-17-65, Cl. 53-33.
- Acklin, Leo, to Sulzer Freres, Societe Anonyme. Nuclear power system. 3,210,943, 10-12-65, Cl. 60-64.
- Ackroyd, Frederick O.: *See*—
Croft, Arthur, and Ackroyd. 3,171,524.
- Ackworth, John, Ltd.: *See*—
Jennings, Richard A. 3,207,007.
- Acme Air Appliance Co., Inc.: *See*—
Muller, John E. 3,180,374.
- Acme Appliance Mfg. Co.: *See*—
Brydolf, Robert, and Kellems. 3,169,249.
- Acme Ball Bearing & Mfg. Co.: *See*—
Schermmer, Nathan H. 3,191,688.
- Acme Engineering and Mfg. Corp.: *See*—
Bohanon, Hoy R. 3,219,143.
- Acme Highway Products Corp.: *See*—
Crone, Alfred F. 3,180,238.
Crone, Alfred F. 3,186,676.
Crone, Alfred F. 3,217,614.
Crone, Alfred F. 3,217,615.
- Acme Industrial Co.: *See*—
Kozacka, Arthur G. 3,190,151.
- Acme Industries, Inc.: *See*—
Butterfield, Peter, and Gill. 3,166,120.
Lowell, Mahlon A. 3,199,774.
- Acme Machine Works, Inc.: *See*—
Harper, Jay A. 3,165,001.
Harper, Jay A. 3,196,322.
- Acme Mfg. Co.: *See*—
Wexler, Monroe L. 3,171,343.
- Acme Mfg. Co., Inc.: *See*—
Moline, Douglas F. 3,165,132.
- Acme Packing Corp.: *See*—
Lee, Robert L. 3,217,871.
- Acme Process Equipment Co.: *See*—
Holtz, Maurice. 3,224,881.
- Acme Protection Equipment Co.: *See*—
Lewis, Robert D. 3,180,333.
- Acme Steel Co.: *See*—
Hall, Marchand B. 3,194,904.
Kocian, James A. 3,194,541.
- Acme Visible Records, Inc.: *See*—
Hurney, Thomas J. 3,195,254.
Shaw, John S., Dostal, and White. 3,203,116.
Toms, Lloyd M. 3,167,074.
Toms, Lloyd M. 3,167,873.
Toms, Lloyd M. 3,203,748.
- Aconsky, Simon S., to United Aircraft Corp. Scrap recovery device. 3,180,711, 4-27-65, Cl. 23-284.
- Acord, James D.: *See*—
Dryden, Hugh L. 3,205,362.
Dryden, Hugh L. 3,206,141.
- Acosta, Allan J.: *See*—
Kiceniuk, Taras, and Acosta. 3,182,927.
- Acosta, Tracy: *See*—
Cordray, Arthur C., and Acosta. 3,221,780.
- Acosta, Tracy, and A. C. Cordray. Fruit handling mechanism for juicing machine. 3,217,763, 11-16-65, Cl. 146-3.
- Acoustica Associates, Inc.: *See*—
Rod, Robert L. 3,220,258.
- Acoustics Development Corp.: *See*—
Hannula, Leslie A., Schaffer, and Ertl. 3,164,868.
- Acra-Plant, Inc.: *See*—
Williams, Donald E. 3,217,674.
- Acres, Richard L., to W. F. Curlee Mfg. Co. Captive fastener. 3,221,794, 12-7-65, Cl. 151-69.
- Acromark Co. The: *See*—
Heine, William A., Jr. 3,188,944.
- Acrometal Products, Inc.: *See*—
Harris, Edward H. 3,169,157.
Harris, Edward H. 3,194,210.
Steinback, Clarence I. 3,215,362.
- Acton, Ben E., J. F. McGrail, and A. E. Wessel, to The Bunker-Ramo Corp. Electro-optical image producing method and apparatus. 3,218,163, 11-16-65, Cl. 96-1.
- Acton, Daniel D., and G. J. Foss, to Anchor Hocking Glass Corp. Closure cap. 3,215,297, 11-2-65, Cl. 215-43.
- Acton, Geoffrey, to Boosey & Hawkes Ltd. Clarinets. 3,212,385, 10-19-65, Cl. 84-382.
- Acton, Hugh C. Folding table. 3,166,029, 1-19-65, Cl. 108-124.
- Acton Laboratories, Inc.: *See*—
Ferran, Robert J., and Tessicini. 3,187,579.
Mairs, William J., Schneider, and Ward. 3,170,047.
- Acushnet Process Co.: *See*—
Heuston, Philip T. 3,179,469.
Kudriavetz, Peter, Jr. 3,224,224.
- Adachi, Saburo: *See*—
Inoue, Sadatoshi, Wakui, Mushiake, and Adachi. 3,219,955.
- Adachi, Shizuo R.: *See*—
Wile, Daniel D., and Adachi. 3,163,998.
- Adage, Inc.: *See*—
Inoue, Sadatoshi, Wakui, Mushiake, and Adachi. 3,219,955.
Young, Frank M. 3,165,694.
Young, Frank M. 3,200,346.
- Adair, Charles: *See*—
Soucy, Armand J., Jr. 3,174,552.
- Adair, James R.: *See*—
Sieger, Maurice P., and Adair. 3,190,099.
Sieger, Maurice P., and Adair. 3,196,658.
Sieger, Maurice P., and Adair. 3,208,260.
- Adair, Samuel E., to General Motors Corp. Motor energizing circuit. 3,171,072, 2-23-65, Cl. 318-138.
- Adalet Mfg. Co., The: *See*—
Hales, George J., and Collings. 3,180,963.
- Adam, Frank, Electric Co.: *See*—
Hercules, Lester A. 3,189,410.
- Adam, Fritz G., to International Standard Electric Corp. Semiconductor diode having multiple regions of different conductivities. 3,201,664, 8-17-65, Cl. 317-234.
- Adam, Hans: *See*—
Reeber, Rudolf, Adam, and Orth. 3,208,414.
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- Adam, Vaclav, to Vyzkumny a skusebnilecky ustav. Apparatus for shaping hollow members. 3,191,417, 6-29-65, Cl. 72-126.
- Adam, Vaclav, to Vyzkumny a Zkusebni Letecký ustav. Device for shaping and hardening plane surfaces. 3,194,042, 7-13-65, Cl. 72-76.
- Adamant Laboratories (Proprietary) Ltd.: See—
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- Adamczyk, Edward S. Dressing mechanism for abrasive wheels. 3,187,736, 6-8-65, Cl. 125-11.
- Adamec, Oswald T. Solar distillation. 3,190,816, 6-22-65, Cl. 202-234.
- Adamec, Oswald T. Devices for solar distillation. 3,192,133, 6-29-65, Cl. 202-234.
- Adamek, John M., to J. Tobias. Hydraulic pressure automatic propulsion system. 3,185,069, 1-12-65, Cl. 103-161.
- Adamek, Stephen, and E. A. Dudley, to Dunlop Rubber Co. Ltd. Compositions containing butyl rubber and olefin copolymer rubber. 3,200,174, Cl. 260-889.
- Adamek, Stephen, E. A. Dudley, and R. T. Woodhams, to Hercules Powder Co. Sulfur-vulcanizable interpolymers of at least two alpha-olefins and an unsaturated bridged-ring hydrocarbon. 3,211,709, 10-12-65, Cl. 260-80.7.
- Adami, Arthur E.: See—
Poindexter, Allan M., and Adami. 3,219,555.
- Adamjan, Ruben G.: See—
Nabulullin, Faat H., Adamjan, Gertsik, Ushko, Dolgov, Tselov, and Sharanov. 3,222,963.
- Adamo, Robert J., E. A. Greger, F. W. Pierson, and F. W. Pierson, Jr., to said F. W. Pierson and said F. W. Pierson, Jr. Method and apparatus for distributing molten metal and the like. 3,186,040, 6-1-65, Cl. 22-80.
- Adams, Albert, to International Minerals & Chemical Corp. Leaching halite values from langbeinite. 3,215,509, 11-2-65, Cl. 23-312.
- Adams, Albert C., and E. S. Bialog, to Republic Steel Corp. Bundling machine. 3,221,641, 12-7-65, Cl. 100-7.
- Adams, Albert H.: See—
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- Adams, Albert H., and W. F. Olashaw, to General Electric Co. Electric distribution apparatus. 3,170,092, 2-16-65, Cl. 317-120.
- Adams, Alonzo T.: See—
Kueck, Darwin R., Adams, and Froning. 3,192,053.
- Adams, Arley. Modified flight conveyor for oily metal cuttings. 3,191,758, 6-29-65, Cl. 198-174.
- Adams, Arthur R.: See—
Denton, Robert F. 3,223,086.
- Lockwood, Robert A. 3,166,394.
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- Adams Bros. Mfg. Co.: See—
Groves, John A. 3,210,537.
- Adams, Cecil E., to American Brake Shoe Co. Electrohydraulic flow control apparatus. 3,200,832, 8-17-65, Cl. 137-117.
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- Adams, Cecil E., and G. A. Norris, to American Brake Shoe Co. Electronic control circuit. 3,181,035, 4-27-65, Cl. 317-127.
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- Adams, Charles B., and E. A. Silver, to Sperry Rand Corp. Press wheel. 3,181,622, 5-4-65, Cl. 172-519.
- Adams, Charles H.: See—
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- Adams, Charles H., to Monsanto Co. Arresting systems. 3,191,890, 6-29-65, Cl. 244-110.
- Adams, Charles J., to General Electric Co. Switch actuator. 3,175,423, 3-30-65, Cl. 74-568.
- Adams, Charles Q., to United States of America, Navy. Magnetic field detector with a two-core flux gate magnetometer for a D.C. permeameter. 3,209,246, 9-28-65, Cl. 324-43.
- Adams, Charles W.: See—
Taylor, Norman H., Pughe, and Adams. 3,205,344.
- Adams, Chester E., to Standard Oil Co. Tris-halomethyl trimethyl benzenes. 3,168,580, 2-2-65, Cl. 260-651.
- Adams, Clarence W., to Beckman Instruments, Inc. Fluid sampling device. 3,201,994, 8-24-65, Cl. 73-421.5.
- Adams, Clark E.: See—
Kimberlin, Charles N., Jr., Ellert, Adams, and Hamner. 3,203,892.
- Adams, Clark E., and W. F. Arey, Jr., to Esso Research and Engineering Co. Liquid diffusion separation process. 3,193,582, 7-6-65, Cl. 260-593.
- Adams, Clifford B.: See—
Holstein, Alvin W., Adams, and Visos. 3,167,215.
- Adams, Clifford B., to National Rejectors, Inc. Money-actuating devices. 3,186,531, 6-1-65, Cl. 194-10.
- Adams, Dolor N.: See—
Sorkin, Jack L., and Adams. 3,169,065.
- Adams, Dolphus H. Gun rest. 3,191,826, 6-29-65, Cl. 224-5.
- Adams, Donald R. Abrasives. 3,168,387, 2-2-65, Cl. 51-295.
- Adams, Donald R. Process of forming manicure implements. 3,197,294, 7-27-65, Cl. 51-293.
- Adams, Dustin S., to E. I. du Pont de Nemours and Co. Modular synthetic organic filaments. 3,185,613, 5-25-65, Cl. 161-179.
- Adams, Earl F., to Raytheon Co. Pulse compression radar system. 3,176,296, 3-30-65, Cl. 343-17.2.
- Adams Electronics, Inc.: See—
Adams, Stanley A., and Hubert. 3,191,131.
- Adams, Elmer L., deceased, by W. J. Adams, executrix, to Owens-Illinois Glass Co. Method for making plastic articles. 3,170,970, 2-23-65, Cl. 264-94.
- Adams, Ernest P., and H. A. Nussbaum, to Crown Zellerbach Corp. Carton construction and method of closing. 3,165,253, 1-12-65, Cl. 229-33.
- Adams, Floyd S., to Crosby-Frislan Fur Co. Method for making fur-covered brushes. 3,167,356, 1-26-65, Cl. 800-21.
- Adams, Francis V.: See—
Rowley, Russell A., Adams, Clapper, and Hamburg. 3,223,971.
- Adams, George C., to Rollform, Inc. Acoustical ceiling construction. 3,164,230, 1-5-65, Cl. 189-85.
- Adams, George C. Metal pan acoustical ceiling. 3,204,883, 9-7-65, Cl. 52-404.
- Adams, George W.: See—
McDonald, Michael F., Sr., Adams, and Jolley. 3,180,905.
- Adams, Harold A., and J. K. Coates, to Electro-Smog Corp. Crankcase ventilation system control device. 3,181,833, 5-4-65, Cl. 251-121.
- Adams, Harold E., to The Firestone Tire & Rubber Co. Copolymerization of olefins with a $\text{VOCl}_3\text{-AlR}_3\text{-I}_2$ catalyst. 3,205,205, 9-7-65, Cl. 260-88.2.
- Adams, Harold E., to The Nash Engineering Co. Centrifugal pump with gas separation means. 3,213,794, 10-26-65, Cl. 103-5.
- Adams, Harold E., to Nash Engineering Co. Liquid ring and centrifugal series pumps for varying density fluids. 3,221,659, 12-7-65, Cl. 103-5.
- Adams, Harold W., to Reynolds Metals Co. Vibrationless cable construction. 3,204,021, 8-31-65, Cl. 174-42.
- Adams, Harold W., and K. Hirahara, to FMC Corp. Pear peeling method. 3,211,204, 10-12-65, Cl. 146-234.
- Adams, Harry H., and M. E. Lawrence, to Parker-Hannifin Corp. Press. 3,190,214, 6-22-65, Cl. 100-214.
- Adams, Henry J., to The Commonwealth Industrial Gases Ltd. Resuscitator. 3,196,866, 7-27-65, Cl. 128-29.
- Adams, Herbert L., III, to General Motors Corp. Gearless differential. 3,191,458, 6-29-65, Cl. 74-850.
- Adams, Jack, deceased; J. A. Gruschus, executrix. Tractor trailer dumping hopper vehicle. 3,198,579, 8-3-65, Cl. 298-35.
- Adams, Jack J., to The Dow Chemical Co. Method for the preparation of latexes of synthetic resins and for the control of the viscosity of such latexes. 3,177,172, 4-6-65, Cl. 260-29.6.
- Adams, James, Jr., to Raybestos-Manhattan, Inc. Rubber faced belt with fiber traction surface. 3,190,137, 6-22-65, Cl. 74-233.
- Adams, James B.: See—
Adams, Cecil S. and J. B., Bailey, and Walker. 3,226,726.
- Adams, James E., to The Bishop and Babcock Corp. Supporting foot assembly for housings of refrigerators and the like. 3,175,795, 3-30-65, Cl. 248-188.4.
- Adams, James E., to The Bishop and Babcock Corp. Transfer and tapping mechanism for sheet metal fasteners. 3,179,966, 4-27-65, Cl. 10-130.
- Adams, James E., to The Bishop and Babcock Corp. Sheet metal cage nut. 3,189,076, 6-15-65, Cl. 151-41.75.
- Adams, James E., to The Bishop and Babcock Corp. Molding trim attaching clip. 3,189,143, 6-15-65, Cl. 189-78.
- Adams, James E., to The Bishop and Babcock Corp. Body mounting fastener for automobiles. 3,193,237, 7-6-65, Cl. 248-358.
- Adams, James E., to The Bishop and Babcock Corp. Sheet metal hinge clip. 3,204,288, 9-7-65, Cl. 16-172.
- Adams, James E., to The Bishop and Babcock Corp. Front end mounting cage nut fastener. 3,217,772, 11-16-65, Cl. 151-41.75.
- Adams, James E., to The Bishop and Babcock Corp. Vehicle body vibration insulating mount. 3,218,101, 11-16-65, Cl. 296-35.
- Adams, James W., to American Can Co. Process for making high flexural strength paper. 3,180,787, 4-27-65, Cl. 162-163.

- Adams, James W., and H. W. Hoftlezer, to Tee-Pak, Inc. Preparation of hydrolyzed polymer-deposited on cellulosic material and the resulting product. 3,194,727, 7-13-65, Cl. 162—168.
- Adams, John D. Metering liquid dispensing device. 3,178,081, 4-13-65, Cl. 222—456.
- Adams, John F. E., K. G. Gerber, and W. A. Holmes-Walker, to Imperial Chemical Industries Ltd. Process for the production of biaxially oriented polyethylene terephthalate film. 3,177,277, 4-8-65, Cl. 264—210.
- Adams, John H. Adjustable size ratchet handle pipe cutter. 3,163,932, 1-5-65, Cl. 30—101.
- Adams, John J., to The Metal Box Co. Ltd. Method of manufacturing containers. 3,195,427, 7-20-65, Cl. 93—94.
- Adams, John R., Jr.: See—
Smart, Charles L., Salvin, and Adams. 3,206,420.
- Adams, Kenneth D., J. A. Herr, and I. G. Schwartzberg, to The Singer Co. Automatically actuated sewing machines. 3,224,393, 12-21-65, Cl. 112—2.
- Adams, Kirk S.: See—
Roselle, Richard D., and Adams. 3,175,604.
- Adams, L., Ltd.: See—
Voss, Waldemar E. 3,217,736.
- Adams, Leo A.: See—
Friedman, Lawrence S. and I. L., Zaglinski, and Adams. 3,184,169.
- Adams, Leon M.: See—
Kenton, Joseph R., and Adams. 3,168,590.
- Adams, Lester E., to General Motors Corp. Wiring connector. 3,164,433, 1-5-65, Cl. 339—258.
- Adams, Lester R., and B. J. Greenblott, to International Business Machines Corp. Fluid control apparatus. 3,168,897, 2-9-65, Cl. 137—81.5.
- Adams, Lester R., A. F. Collins, E. B. Elcheberger, and M. J. Kelly, to International Business Machines Corp. Address modification matrices. 3,226,686, 12-28-65, Cl. 340—172.5.
- Adams, Loyd: See—
Paul, Lowell A., Adams, and McDonald. 3,176,861.
Paul, Lowell A., Adams, and McDonald. 3,177,027.
- Adams, Madison B., Jr. Cutting apparatus. 3,164,144, 1-5-65, Cl. 125—13.
- Adams-Millis Corp.: See—
Rearwin, Earle W. 3,181,211.
- Adams, Milton: See—
Hess, Charles A., Byal, and Adams. 3,164,854.
- Adams, Nicholas M., to Nalco Chemical Co. Silica sol-masking in galvanizing process. 3,177,085, 4-6-65, Cl. 117—5.5.
- Adams, Norman C.: See—
Wilson, Porter C., and Adams. 3,167,782.
- Adams, Paul R., and M. Rogoff, to International Telephone and Telegraph Corp. Transmission systems. 3,202,764, 8-24-65, Cl. 179—15.
- Adams, Paul R., J. A. Fingerett, and R. von Buelow, to International Telephone and Telegraph Corp. Cumulative digital computing systems. 3,204,088, 8-31-65, Cl. 235—152.
- Adams, Phillip: See—
Beinfest, Sidney, Adams, and Weiss. 3,219,686.
- Adams, Renard P. Automatic strainer. 3,176,846, 4-6-65, Cl. 210—333.
- Adams, Richard F.: See—
Pauls, Theron F., and Adams. 3,205,563.
- Adams, Richard F., to Olin Mathieson Chemical Corp. Heat exchange structure. 3,194,309, 7-13-65, Cl. 165—170.
- Adams, Richard G.: See—
Schatz, Ralph H., Adams, and Smyers. 3,185,659.
- Adams Rite Mfg. Co.: See—
Cantwell, Robert G. 3,175,376.
Eads, Charles L. 3,204,439.
Eads, Charles L. 3,212,308.
Kelly, John E., and Rechberg. 3,171,521.
- Adams, Robert, to Ferranti Ltd. Waveguide termination with magnetic metal walls wherein the curve temperature thereof is exceeded during operation. 3,205,459, 9-7-65, Cl. 333—22.
- Adams, Robert B., to Moore Products Co. Transducers. 3,173,437, 3-16-65, Cl. 137—82.
- Adams, Robert B., to Moore Products Co. Control apparatus. 3,187,763, 6-8-65, Cl. 137—81.5.
- Adams, Robert T., to International Telephone and Telegraph Corp. Demodulator system for angularly modulated signals having improved noise immunity. 3,195,059, 7-13-65, Cl. 329—122.
- Adams, Robert T., and B. M. Mindes, to International Telephone and Telegraph Corp. Logical switching system for input and output signals characterized by various stable frequencies. 3,176,233, 3-30-65, Cl. 328—92.
- Adams, Robert T., and B. M. Mindes, to International Telephone and Telegraph Corp. Frequency stabilized oscillator. 3,176,245, 3-30-65, Cl. 331—175.
- Adams, Robert T., and K. J. Staller, to International Telephone and Telegraph Corp. Time diversity communication system. 3,195,048, 7-13-65, Cl. 325—56.
- Adams, Robert T., and J. B. Harvey, to International Telephone and Telegraph Corp. Signal generator having a controllable frequency characteristic. 3,195,069, 7-13-65, Cl. 331—39.
- Adams, Robert T., and P. S. Magee, to Chevron Research Corp. Borate ester alkylation. 3,223,744, 12-14-65, Cl. 260—671.
- Adams, Robert W.: See—
Holkesvick, Edgar E., Hudnall, and Adams. 3,197,204.
- Adams, Roland R., and T. A. Hoffmann, to Westinghouse Electric Corp. Method and apparatus for feeding tubular articles into a work holder. 3,212,620, 10-19-65, Cl. 198—26.
- Adams, Roman A.: See—
Stone, Joseph J., and Adams. 3,182,224.
Stone, Joseph J., and Adams. 3,202,980.
Stone, Joseph J., Adams, Dahl, and Estock. 3,223,778.
- Adams, Rowland K., and J. R. Cooper, to E. I. du Pont de Nemours and Co. Process of reacting a polysocyanate with a compound having active hydrogen using a tertiary amine N-oxide catalyst. 3,173,896, 3-16-65, Cl. 260—75.
- Adams, Rowland K., and J. R. Cooper, to E. I. du Pont de Nemours and Co. Process of reacting a polysocyanate with a compound having active hydrogen using a tertiary amine N-oxide and hydrogen peroxide catalyst mixture. 3,173,897, 3-16-65, Cl. 260—75.
- Adams, Russell. Bilge pump. 3,191,538, 6-29-65, Cl. 103—70.
- Adams-Russell Co., Inc.: See—
Russell, Lindsay. 3,217,272.
- Adams, Samuel F., and R. J. Guerin, to American Paper Tube Co. Vibration-suppressed bobbin assemblies. 3,167,262, 1-26-65, Cl. 242—46.21.
- Adams, Samuel T., and R. P. Kessler; said Kessler and heirs of said S. T. Adams, deceased, assors. to West Virginia Pulp and Paper Co. Bag closer and sealer. 3,200,558, 8-17-65, Cl. 53—76.
- Adams, Samuel T., and B. P. Zober, to West Virginia Pulp and Paper Co. Process for manufacturing bags. 3,203,323, 8-31-65, Cl. 93—35.
- Adams, Stanley A., and D. Hubert, to Adams Electronics, Inc. Coil assembly. 3,191,131, 6-22-65, Cl. 333—76.
- Adams, Stewart S.: See—
Collin, Ronald A., Michaels, Walker, and Adams. 3,120,110.
- Adams, Thomas E.: See—
Smith, Richard A., Christy, and Adams. 3,181,071.
- Adams, Thomas E., to Associated Electrical Industries Ltd. Oil seal for a rotatable shaft extending into a gas enclosure. 3,170,700, 2-23-65, Cl. 277—3.
- Adams, Thomas E., to Associated Electrical Industries Ltd. Compressors. 3,214,088, 10-26-65, Cl. 230—207.
- Adams, Ul. Fishing device. 3,197,909, 8-3-65, Cl. 43—42.37.
- Adams, Wanda J.: See—
Adams, Elmer L. 3,170,970.
- Adams, Wayne W., and R. M. Hendricks; said Hendricks assor. to T. Garrison. Automatic hay baler trailer. Re. 25,750, 3-23-65, Cl. 214—520.
- Adams & Westlake Co., The: See—
Ehret, Yale W., and Miller. 3,213,286.
Miller, Charles M. 3,220,759.
Miller, Charles M., and Staley. 3,195,848.
- Adams, Whitney R.: See—
McConnell, Albert L., and Adams. 3,215,584.
- Adams, William E., to H. H. Robertson Co. Cable operating means for ridge ventilator. 3,213,776, 10-26-65, Cl. 98—42.
- Adams, William J., and W. Schilling, to Skinner Precision Industries, Inc. Solenoid control valve. 3,172,637, 3-9-65, Cl. 251—85.
- Adams, William J., Jr.: See—
Oldenkamp, Henry A., and Adams. 3,172,440.
- Adams, William L., to General Electronic Laboratories, Inc. Servo amplifier control system. 3,171,073, 2-23-65, Cl. 318—207.
- Adams, Winifred J., B. Ellis, V. Petrow, and I. A. Stuart-Webb, to The British Drug Houses Ltd. 6-methyl steroids and process for producing same. 3,170,935, 2-23-65, Cl. 260—397.3.
- Adamsbaum, Andre: See—
Carpentier, Michel H. G. J., and Adamsbaum. 3,213,452.
- Adamsbaum, Andre, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Apparatus for correlation in radar installations. 3,168,734, 2-2-65, Cl. 343—12.
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- Adamski, Joseph, to Dura Corp. Convertible top mechanism. 3,180,675, 4-27-65, Cl. 296—117.
- Adamski, Richard R. Magnetically actuated toy vehicle and roadbed with coil. 3,206,891, 9-21-65, Cl. 46—235.
- Adamski, Tadeusz W., and B. Kalinowski. Method of and apparatus for grinding hard materials. 3,226,042, 12-28-65, Cl. 241—30.
- Adamson-Alliance Co. Ltd., The: See—
Davies, Sydney. 3,219,750.
- Adamson, Arthur P., and F. M. Clark, to General Electric Co. Distance measuring device. 3,187,585, 6-8-65, Cl. 73—490.
- Adamson, Floyd E., to Westinghouse Electric Corp. Arc welding gun. 3,189,723, 6-15-65, Cl. 219—130.
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- Adamson, Floyd E., and J. E. Frederick, to Westinghouse Electric Corp. Arc-welding apparatus. 3,210,522, 10-5-65, Cl. 219-130.
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Obraski, Richard W. 3,206,973.
- Adcock, Frederick A., to The Raleigh Industries Ltd. and Isle of Man. Pedals. 3,191,457, 6-29-65, Cl. 74-594.4.
- Adcox, L. D. Sorting machine for potatoes and the like. 3,204,765, 9-7-65, Cl. 209-82.
- Addinall, Ramon L.: *See*—
Hines, William G., and Addinall. 3,172,732.
- Addler, John W.: *See*—
Weber, Edward B., Addler, and Volk. 3,175,276.
- Addmaster Corp.: *See*—
Oldenburg, Kenneth F., Kuhne, and Fazio. 3,170,233.
- Addo, Aktiebolaget: *See*—
Bogert, Thure B., and Wilk. 3,217,296.
Uvelius, Karl B., and Wilk. 3,216,856.
- Addor, Roger W.: *See*—
Cannon, Donald S., and Addor. 3,183,148.
- Addor, Roger W., to American Cyanamid Co. Novel carbamates of 5- and 6-membered hetero-sulfur compounds and process for preparing same. 3,193,561, 7-6-65, Cl. 260-327.
- Addor, Roger W., to American Cyanamid Co. Phosphinyl imides and method for their preparation. 3,197,481, 7-27-65, Cl. 260-327.
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Campbell, Sherell E. 3,215,056.
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Campbell, Sherell E., and Raterman. 3,215,793.
Grupe, William F. 3,198,168.
Johnson, Bernard W., and Grady. 3,190,639.
Liller, Richard F. 3,203,395.
Maul, John A., Brugge, and Satyshur. 3,179,046.
Miller, Donald J. 3,188,952.
Owen, Arthur E. J. 3,164,087.
Sallach, Max E., and Weber. 3,191,154.
Schulze, John J. 3,224,327.
Scranton, Robert J. 3,203,628.
- Addressograph-Multigraph Corp., Charles Bruning Division: *See*—
Gunto, Robert L. 3,224,649.
- Addy, Ralph E. Yard and garden tool. 3,215,463, 11-2-65, Cl. 294-19.
- Adebahr, Herbert F.: *See*—
Brown, Isaac T., and Adebahr. 3,165,953.
- Adee, Chester A., deceased, by C. B. Adee, executrix. Impact clutch with sliding key in anvil. 3,208,569, 9-28-65, Cl. 192-30.5.
- Adee, Clarice B.: *See*—
Adee, Chester A. 3,208,569.
- Adee, Raymond A. Disc harrow. 3,193,023, 7-6-65, Cl. 172-311.
- Adee, Raymond A., to Hesston Mfg. Co., Inc. Method of cutting, conditioning and windrowing a crop. 3,224,177, 12-21-65, Cl. 56-23.
- Adelaar, Hans H., to International Standard Electric Corp. Resonant transfer time division multiplex system utilizing negative impedance amplification means. 3,187,100, 6-1-65, Cl. 179-15.
- Adelaar, Hans H., to International Standard Electric Corp. Interconnecting network for a telecommunication system. 3,204,033, 8-31-65, Cl. 179-15.
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Adell, Robert. 3,212,660.
Adell, Robert. 3,212,661.
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- Adelman, Barnet R.: *See*—
Lawrence, Herbert R., and Adelman. 3,166,897.
- Adelman, Barnet R., to United Aircraft Corp. Manifolding of igniters in large engine clusters. 3,170,287, 2-23-65, Cl. 60-35.6.
- Adelman, Barnet R., to United Aircraft Corp. Liner for propellant grains. 3,170,291, 2-23-65, Cl. 60-35.6.
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- Adelman, John W.: *See*—
Smirl, Richard L., Wacławek, Adelman, and Labuda. 3,165,891.
- Adelman, Robert L., to E. I. du Pont de Nemours and Co. Copolymers of ethylene with vinyl esters and alpha-beta ethylenically unsaturated acids. 3,215,678, 11-2-65, Cl. 260-80.5.
- Adelt, Heinz E., to George Gorton Machine Co. Ram alignment method and apparatus. 3,169,449, 2-16-65, Cl. 90-17.
- Adgate, Theodore M.: *See*—
Maker, James H., and Adgate. 3,201,273.
- Adickes, Franz: *See*—
Zeile, Karl, Adickes, and Wick. 3,198,825.
- Adin, Louis E., Jr.: *See*—
Ducote, Behrman A., and Adin. 3,209,081.
- Adinolfi, Michael F., to Empire State Metal Products, Inc. Jig for assembling fabric covered button. 3,214,811, 11-2-65, Cl. 24-113.
- Adirondack Steel Casting Co.: *See*—
Hurtner, Thomas A. 3,190,237.
- Adjustable Fixture Co.: *See*—
Odzwazny, Thaddeus. 3,208,774.
- Adkins, Frederick E., Jr.: *See*—
Garing, Meriwether L., Adkins, and Branigan. 3,207,575.
- Adkins, Harold T., to Curtiss-Wright Corp. High speed generator. 3,173,076, 3-9-65, Cl. 322-47.
- Adkins, Harold T., to Sigma Instruments, Inc. Condition-responsive control circuit. 3,187,204, 6-1-65, Cl. 307-117.
- Adkins, Harold T., and R. I. Schneyer, to Curtiss-Wright Corp. High speed turbo-generator. 3,187,188, 6-1-65, Cl. 290-4.
- Adkins, Malcolm W., to Continental Oil Co. Glass spiral wind-up machine. 3,186,820, 6-1-65, Cl. 65-271.
- Adkins-Phelps Co.: *See*—
Phelps, David M. 3,194,194.
- Adler, Alfred W. System for demonstrating electrical science. 3,203,114, 8-31-65, Cl. 35-19.
- Adler, Aliza B. Collapsible carrier. 3,212,788, 10-19-65, Cl. 280-36.
- Adler, Arthur. Methods for improving pressed properties and characteristics of sintered powder metal compacts. 3,223,523, 12-14-65, Cl. 75-212.
- Adler, Avram G.: *See*—
Hurewitz, Arthur. 3,221,979.
- Adler, Carl: *See*—
Gutridge, Jack E., Borger, and Adler. 3,167,028.
Peterson, William H., and Adler. 3,216,592.
- Adler, Charles, Jr. Rotating anti-collision lights for aircraft. 3,183,480, 5-11-65, Cl. 340-27.
- Adler, Clarence E.: *See*—
Willyard, Roger A., and Adler. 3,168,980.
- Adler, Clarence E., to Toledo Scale Corp. Control mechanism for rotatable shafts. 3,211,020, 10-12-65, Cl. 74-527.
- Adler, Clarence E., to Toledo Scale Corp. Printer. 3,221,645, 12-7-65, Cl. 101-95.
- Adler, Clarence E., F. C. Carroll, and R. C. Loshbough, to Toledo Scale Corp. Condition responsive devices. 3,177,957, 4-13-65, Cl. 177-3.
- Adler, Franklin P., to Pullman Inc. Door post locking means for open side railway cars or the like. 3,165,076, 1-12-65, Cl. 105-378.
- Adler, Franklin P., to Pullman Inc. Trough type center hatch arrangement. 3,167,030, 1-26-65, Cl. 105-377.
- Adler, Franklin P., to Pullman Inc. Pneumatic and gravity hopper discharge arrangement. 3,174,807, 3-23-65, Cl. 302-52.
- Adler, Franklin P., to Pullman Inc. Load retainer. 3,183,855, 5-18-65, Cl. 105-369.
- Adler, Franklin P., to Pullman Inc. Movable bulkhead. 3,191,546, 6-29-65, Cl. 105-376.
- Adler, Franklin P., to Pullman Inc. Split side wall railway car. 3,191,547, 6-29-65, Cl. 105-378.
- Adler, Franklin P., to Pullman Inc. Door assembly for open side railway cars. 3,191,548, 6-29-65, Cl. 105-378.
- Adler, Franklin P., W. Van Der Sluys, and J. E. Candlin, Jr., deceased (by First National Bank of Lansing, administrator), to Pullman Inc. Railway car construction. 3,191,548, 6-29-65, Cl. 105-378.
- Adler, Franklin P., and J. E. Candlin, Jr., deceased (by First National Bank of Lansing, administrator), to Pullman Inc. Railway car construction. 3,191,550, 6-29-65, Cl. 105-404.
- Adler, Harold. Combination film projector and printing apparatus. 3,167,996, 2-2-65, Cl. 88-24.
- Adler, Harold. Instrument for computing time of arrival at a destination. 3,213,544, 10-26-65, Cl. 32-158.
- Adler, Imre, N. G. Erhardt, and R. M. Frank, to Litton Industries, Inc. Transverse drive for reclainer. 3,224,604, 12-21-65, Cl. 214-10.
- Adler, Irving N., 1/2 to Richard Wlodyga. Truncated prism ballast contact lens with indentation and fluid drainage channel at bottom edge. 3,212,097, 10-12-65, Cl. 351-160.
- Adler, Irwin L., and W. G. Timpe, to General Foods Corp. Carbonated ice process. 3,220,204, 11-30-65, Cl. 62-70.

- Adler, Norman R.: *See*—
 Patriquin, George P., and Adler. 3,178,759.
 Adler, Norman R., to Independent Lock Co. Anti-pick lock device. 3,210,974, 10-12-65, Cl. 70-419.
 Adler, Otto E., to Beteiligungs- und Patentverwaltungsgesellschaft mit beschränkter Haftung. Cylinder head. 3,165,095, 1-12-65, Cl. 123-41.82.
 Adler, Robert, to Zenith Radio Corp. Electron beam devices. 3,179,838, 4-20-65, Cl. 315-3.
 Adler, Robert, to Zenith Radio Corp. Electron beam devices. 3,218,503, 11-16-65, Cl. 315-3.
 Adler, Robert, to Zenith Radio Corp. Electron beam parametric amplifier with forward signal and backward idler waves. 3,218,563, 11-16-65, Cl. 330-4.7.
 Adler, Robert, to Zenith Radio Corp. Electron beam parametric amplifier with additional dipole means in pump section. 3,221,264, 11-30-65, Cl. 330-4.7.
 Adler, Robert, and R. L. Cohoon, to Zenith Radio Corp. Parametric amplifier tube. 3,179,895, 4-20-65, Cl. 330-43.
 Adler, Solomon, to Hypo Surgical Supply Corp. Apparatus for producing and contour-molding non-woven fibrous products. 3,173,820, 3-16-65, Cl. 156-369.
 Adler, Stanford L., and W. H. Coulter, to Coulter Electronics, Inc. Automatic coagulometer apparatus. 3,216,240, 11-9-65, Cl. 73-53.
 Admiral Chair Co.: *See*—
 Jaffe, Myron, and Bricker. 3,192,574.
 Admiral Corp.: *See*—
 Arrington, William L. 3,202,882.
 Carlson, Reuben C. 3,181,052.
 Carlson, Reuben C. 3,192,339.
 Carlson, Reuben C., and Marchese. 3,192,494.
 Jenkins, Richard S. 3,200,196.
 Johnson, Arthur R., and Petersen. 3,192,464.
 Kao, Lin. 3,182,122.
 Kao, Lin. 3,182,123.
 Marek, Stanley C. 3,164,873.
 Olson, Thor E. 3,194,080.
 Rogers, Max W. 3,184,550.
 Rogers, Max W. 3,221,092.
 Squire, Herbert D. 3,167,186.
 Squire, Herbert D. 3,191,217.
 Sudges, Richard A. 3,192,507.
 Vistain, James E., Jr. 3,191,940.
 Wolff, Robert A. 3,202,967.
 Wolff, Robert A., and Carlson. 3,192,460.
 Adolphson, Carl: *See*—
 King, Ellis G., and Adolphson. 3,168,511.
 King, Ellis G., and Adolphson. 3,171,810.
 Adolphson, Carl, to Georgia-Pacific Corp. Drilling fluid composition and process. 3,214,373, 10-26-65, Cl. 252-8.5.
 Adomaitis, Domas, to Standard Oil Co. Method of blending polystyrene and graft copolymer of styrene with butadiene polymer. 3,213,159, 10-19-65, Cl. 260-876.
 Ador Corp.: *See*—
 Riegelman, Harry M. 3,199,156.
 Adriaan Honig's Kunstzars-Industrie N.V.: *See*—
 Knots, Jacob A. 3,186,960.
 Adrian, Donald J., to United States of America, Navy. FM-AM correlation radar system. 3,166,747, 1-19-65, Cl. 343-14.
 Adrian, Donald J., to United States of America, Navy. AM radar with noise correlation. 3,195,130, 7-13-65, Cl. 343-12.
 Adrol Electronics, Inc.: *See*—
 Trollo, Andrew E. 3,196,445.
 Advance Chemical Co.: *See*—
 Corning, Leon M., Friedenthal, and Sarafan. 3,168,984.
 Corning, Leon M., Friedenthal, and Sarafan. 3,199,739.
 Advance Food Service Equipment, Inc.: *See*—
 Schwartz, Milton. 3,222,117.
 Advance Mfg. Co. Inc.: *See*—
 Desrosiers, Raymond. 3,201,820.
 Advance Products Corp.: *See*—
 Kraklau, Henry, Jr. 3,221,841.
 Advance Scientific Corp.: *See*—
 Goodman, Donald E., and Murphy. 3,175,695.
 Advance Transformer Co.: *See*—
 Baran, Joseph G., and Feinberg. 3,168,632.
 Baran, Joseph G., and Feinberg. 3,198,914.
 Feinberg, Albert E. 3,193,723.
 Feinberg, Albert E. 3,198,983.
 Feinberg, Albert E. 3,219,957.
 Feinberg, Albert E., and Berger. 3,195,012.
 Feinberg, Albert E., and Czernobil. 3,222,626.
 Schwarz, Elias, and Neiditch. 3,177,455.
 Stake, Godfrey W. 3,173,059.
 Advancecraft Aluminum Industries, Inc.: *See*—
 Nida, Edmund A. 3,197,932.
 Advanced Kinetics, Inc.: *See*—
 Furth, Harold P. 3,167,043.
 Furth, Harold P. 3,187,532.
 Furth, Harold P. 3,196,649.
 Furth, Harold P. 3,225,285.
 Advanced Metals Research Corp.: *See*—
 Ogilvie, Robert B. 3,200,248.
 Advanced Register, Inc.: *See*—
 Erlichman, Irving. 3,209,885.
 Advanced Wyrepak Co., Inc.: *See*—
 Bauer, Gordon L. 3,170,650.
 Advant, Ram, to Hans J. Zimmer, Verfahrenstechnik, Firma. Preparation of spinnable polyesters using thallium catalysts. 3,220,982, 11-30-65, Cl. 260-75.
 Advertising Metal Display Co.: *See*—
 Slaga, Case J. 3,206,921.
 Aebi, Hans: *See*—
 Duerr, Dieter, Aebi, and Ebner. 3,203,855.
 Martin, Henry, and Aebi. 3,177,249.
 Martin, Henry, and Aebi. 3,184,301.
 Martin, Henry, Aebi, and Ebner. 3,165,549.
 Martin, Henry, Aebi, and Ebner. 3,223,721.
 Aellon, Rene: *See*—
 Baum, Sidney J., and Aellon. 3,177,181.
 Aellen, John P., Jr., and R. H. Fuge, to American Can Co. Skived brim cup and blank therefor. 3,182,882, 5-11-65, Cl. 229-4.5.
 Aerazur Construcciones Aeronautiques S.A.: *See*—
 Bernard, Jean-Paul, and Gouyou-Beauchamps. 3,220,673.
 Aereon Corp.: *See*—
 Fitzpatrick, John R. 3,180,588.
 Fitzpatrick, John R. 3,180,589.
 Fitzpatrick, John R. 3,180,590.
 Klammer, William C. 3,209,103.
 Aero-Chatillon Corp.: *See*—
 Sachers, Fritz E. 3,165,925.
 Aerodyne Controls Corp.: *See*—
 Miller, James R. 3,183,321.
 Aerofin Corp.: *See*—
 Stikeleather, Robert M. 3,190,181.
 Stikeleather, Robert M. 3,216,232.
 Aeroflex Laboratories Inc.: *See*—
 Lawrence, Harold C. 3,204,897.
 Lawrence, Harold C., and Hoch. 3,204,912.
 Lawrence, Harold C., Hoch, and Balles. 3,204,911.
 Lawrence, Harold C., Hoch, and Balles. 3,204,913.
 Trott, Timothy. 3,210,462.
 Trott, Timothy. 3,210,468.
 Aer-O-Flo Corp.: *See*—
 Reckers, Donald J., Jump, and Day. 3,204,879.
 Aero-Flow Dynamics, Inc.: *See*—
 Banko, Edward J., and Vultaggio. 3,174,422.
 Forrester, Robert E., and Cornish. 3,166,692.
 Aerojet Delft Corp.: *See*—
 Knip, Dirk C. J. 3,223,235.
 Aerojet-General Corp.: *See*—
 Argyle, Sidney C., and Parker. 3,180,217.
 Baggs, Roland F., and Keck. 3,215,082.
 Barnett, Paul B., and Knop. 3,181,327.
 Beecher, David W. 3,216,594.
 Beecher, David W. 3,224,557.
 Brittain, Edward G., and Stein. 3,182,227.
 Coleal, William A. 3,214,906.
 Corbitt, Howard E. 3,223,859.
 Cox, Robert B. 3,181,937.
 Dodge, Charles H. 3,180,089.
 Edmonson, Robert B. 3,181,363.
 Emigh, Willard F., D'Ooge, and Polackowj. 3,224,628.
 Fox, Paul L. 3,180,214.
 Frankel, Milton B. 3,214,432.
 Funnell, William F. 3,181,675.
 Gary, Wright W., Jr., Isenberg, Jones, and Nader. 3,180,448.
 Golthorpe, Harold C. 3,214,132.
 Gongwer, Calvin A. 3,212,258.
 Gongwer, Calvin A. 3,213,682.
 Gordon, Robert. 3,214,909.
 Graefe, Allen F., and Randolph. 3,215,740.
 Henriksen, Erik K. 3,224,238.
 Hilton, John L., and Squire. 3,225,193.
 Hinson, Foster R. 3,191,678.
 Klager, Karl. 3,187,053.
 Klager, Karl. 3,214,474.
 Kramer, Jack M. 3,224,373.
 Krayenbuhl, Harold A., Stirnman, and Smola. 3,181,897.
 Lemke, Albert E. 3,183,133.
 Lieberman, Irving, and Zernow. 3,220,102.
 Mazelsky, Bernard, and Amey. 3,224,265.
 Ming, Donald L., and Case. 3,224,250.
 Overall, Thomas R. 3,215,102.
 Petre, Philip C. 3,188,957.
 Powell, Richard W., and Harris. 3,220,298.
 Royer, Thurber W., Brower, and Brunetz. 3,184,351.
 Rucks, Edward L., and Grant. 3,189,054.
 Sadownick, Eli M. 3,222,862.
 Sawle, David R. 3,218,802.
 Swain, Robert K. 3,180,088.
 Tew, Richard W., Sane and Geckler. 3,224,143.
 Winkler, Joseph. 3,215,573.
 Wolnez, George I. 3,224,314.
 Aero Metal Products Corp.: *See*—
 Dodegge, Carl A. 3,200,493.
 Aero-Motire Mfg. Co.: *See*—
 Atanasoff, John V. 3,175,395.
 Atanasoff, Theodore B. 3,173,534.
 Baird, John. 3,192,713.
 Becker, Roger T., and W. K. 3,197,578.
 Braun, Edwin C., Jr. 3,175,422.
 Climent, Francis J., and Corbin. 3,200,585.
 Gongwer, Calvin A. 3,165,084.
 Gongwer, Calvin A. 3,204,262.
 Gongwer, Calvin A. 3,204,699.
 Gongwer, Calvin A. 3,206,976.
 Graefe, Allen F. 3,173,910.
 Gross, Urban E., Jr., and Weinstein. 3,170,306.

- Aero-Motire Mfg. Co.: *See*—Continued
 Klager, Karl. 3,192,707.
 Klager, Karl. 3,201,448.
 Machlanski, Sigmund H., and Conway. 3,171,250.
 Meriano, Albert P. 3,204,971.
 Mladjan, John. 3,204,584.
 Nadler, Max A. 3,173,621.
 Oberth, Adolph E., and Bruenner. 3,203,976.
 Petre, Philip C. 3,195,462.
 Wilson, E. Milton. 3,164,454.
- Aeronca Mfg. Corp.: *See*—
 Anspach, Roy L. 3,225,433.
 Anspach, Roy L. 3,226,524.
 Bayer, Joseph, and Patterson. 3,175,937.
 Brunner, John E. 3,167,018.
 Brunner, John E., and Hallum. 3,226,720.
 Hallum, Alton Z. 3,218,973.
 Wiegert, Robert E., and Byrne. 3,223,537.
 Wiegert, Robert E., and Byrne. 3,223,538.
- Aeroprojects Inc.: *See*—
 Bancroft, Dennison, Elmore, Jones, and Maropis. 3,166,840.
 Boyd, Charles A. 3,209,574.
 Boyd, Charles A. 3,209,864.
 Boyd, Charles A., Jones, Kartluke, and McKaig. 3,212,312.
 Boyd, Charles A., Jones, Kartluke, and McKaig. 3,212,313.
 Boyd, Charles A., Jones, and Maropis. 3,209,572.
 Boyd, Charles A., and Kartluke. 3,209,573.
 Jones, James B. 3,203,215.
 Jones, James B. 3,209,447.
 Jones, James B., McKaig, Maropis, and Boyd. 3,210,724.
 Jones, James B., and Tarpley. 3,194,855.
 Maropis, Nicholas. 3,184,842.
- Aeroquip Corp.: *See*—
 Abbey, John C., and Hawkins. 3,202,442.
 Buseth, Richard A., Steinhart, and Kiszko. 3,224,728.
 Cline, William M., and Clemons. 3,167,334.
 Crissy, Charles F. 3,224,794.
 Elsner, Edwin C. 3,203,067.
 Elsner, Edwin C. 3,224,385.
 Elsner, Edwin C., and White. 3,224,803.
 Goodwin, Gordon W. 3,177,018.
 Goodwin, Gordon W., and Denney. 3,215,161.
 Headley, Charles A., Padilla, and Schoppman. 3,205,734.
 Kiszko, Walter. 3,211,178.
 La Marre, Roger R., and van der Velden. 3,191,975.
 Reid, William P. 3,223,426.
 Swick, George E., Jr. 3,205,911.
 Willis, William M. 3,224,400.
 Willis, William M., and Lindsey. 3,180,268.
- Aero Service Corp.: *See*—
 Jensen, Homer. 3,176,308.
 Snyder, Charles H. 3,225,461.
- Aerosol Research Co.: *See*—
 Kuffer, Clarence O. 3,219,069.
- Aerosol Techniques, Inc.: *See*—
 Present, Fred, and Carrion. 3,207,386.
 Prussin, Samuel B., Present, and Shepherd. 3,211,349.
- Aerospace Components Corp.: *See*—
 Kline, Roger E. 3,184,246.
- Aerospace Corp., The: *See*—
 Josephson, Vernal. 3,226,591.
 Rosenman, Leo. 3,181,016.
 Weibel, Erich S. 3,200,268.
- Aerotec Industries, Inc.: *See*—
 Sciafani, Joseph R. 3,198,008.
- Aero-Vac Corp.: *See*—
 Holkeboer, David H., Pagano, Santeler, and Venneman. 3,175,373.
- Aerovent Fan Co., Inc.: *See*—
 Monroe, Homer K. 3,174,681.
- Aerovox Corp.: *See*—
 Goldenpaul, Charles, and De La Fuente. 3,198,329.
 Peace, John G., Jr., and Rogers. 3,197,547.
- Aerpat A.G.: *See*—
 Sellers, Gose B. 3,183,586.
- Aesup, Etablissement: *See*—
 Moret, Michel. 3,181,188.
 Simmen, Robert. 3,166,943.
- Afco-Murray Corp.: *See*—
 Murray, Donald J., and Rutter. 3,205,008.
- Affleck, John H., III, to General Electric Co. Dispenser cathode. 3,176,180, 3-30-65, Cl. 313—346.
- Afco S.A.: *See*—
 Mourey, Jean-Jacques. 3,199,985.
 Schubiger, Gian-Franco, and Rostagno. 3,218,174.
- Afsanick, Julius. Container fabrication. 3,166,995, 1-26-65, Cl. 93—55.1.
- Aftandillan, Victor D., to Cabot Corp. Lewis base stabilization of polymerization catalyst in storage. 3,222,296, 12-7-65, Cl. 252—429.
- Afton, Leonard. Multi-purpose, inherently biased, self-inflatable bellows. 3,201,111, 8-17-65, Cl. 267—1.
- Agarwal, Jagdish C., to United States Steel Corp. Method for introducing coal into a blast furnace. 3,197,304, 7-27-65, Cl. 75—42.
- Agasie, Frank R.: *See*—
 Kosa, Tibor, and Agasie. 3,221,560.
- Agatone, William, to Genesco, Inc. Girdle construction. 3,171,414, 3-2-65, Cl. 128—541.
- Agee, Louis E. Insulated lunch box. 3,213,641, 10-26-65, Cl. 62—457.
- Agency Chiyoda-Ward, The: *See*—
 Sakurai, Yoshimasa. 3,220,111.
- Agency of Industrial Science and Technology: *See*—
 Komamiya, Yasuo, and Sugiyama. 3,193,699.
- Ager, John W., Jr., and T. L. Heying, to Olin Mathieson Chemical Corp. Organoboron alcohols and method for their preparation. 3,166,597, 1-19-65, Cl. 260—606.5.
- Ager, John W., Jr., R. P. Alexander, and T. L. Heying, to Olin Mathieson Chemical Corp. Organoboron mono- and dicarboxylic acids and their preparation. 3,167,584, 1-26-65, Cl. 260—626.
- Ager, John W., Jr., and T. L. Heying, to Olin Mathieson Chemical Corp. Reaction products of decaboranes and acetylenic esters and their preparation. 3,203,979, 8-31-65, Cl. 260—488.
- Ages, Frederik J., to Honeywell Inc. Manifold gas valve. 3,170,485, 2-23-65, Cl. 137—613.
- Ages, Frederik J., to Honeywell Inc. Snap-acting thermostatic valve. 3,204,921, 9-7-65, Cl. 251—75.
- Aggett, Albert H.: *See*—
 Aspy, William L., Jr., and Aggett. 3,177,644.
- Aggett, Albert H., to Eastman Kodak Co. Apparatus and method for debundling filter tow. 3,220,060, 11-30-65, Cl. 19—65.
- Agfa Aktiengesellschaft: *See*—
 Baron, Hans R. 3,185,052.
 Berger, Heinz, and Berghaus. 3,186,841.
 Blochl, Hanns. 3,209,684.
 Bockly, Erich, Löffler, and Muller. 3,177,078.
 Denk, Richard. 3,166,264.
 Elchler, Wolfgang, Abeck, and Krönes. 3,205,121.
 Frost, Paul, and Hennig. 3,204,541.
 Gotze, Johannes. 3,196,017.
 Grabhofer, Herbert, Muller, Posse, and Ulrich. 3,169,863.
 Hackenberg, Hubert. 3,212,421.
 Hennig, Fridolin. 3,216,340.
 Himmelmann, Wolfgang, Gauss, Meckl, and Ulrich. 3,220,848.
 Himmelmann, Wolfgang, Mader, Posse, and Ulrich. 3,168,403.
 Himmelmann, Wolfgang, Ulrich, and Kleist. 3,174,861.
 Himmelmann, Wolfgang, Ulrich, and Meckl. 3,226,234.
 Hofmann, Wilfried. 3,203,331.
 Jakob, Franz. 3,188,933.
 Jakob, Franz, and Knorr. 3,171,339.
 Jakob, Franz, and Spatz. 3,172,345.
 Jakob, Franz, and v. Sybel. 3,220,328.
 Jakob, Franz, and Wagner. 3,182,575.
 Käufer, Helmut. 3,193,411.
 Käufer, Helmut. 3,213,770.
 Kessler, Fritz, Jakob, and Knorr. 3,169,462.
 Kinkel, Ernst, Seitz, and Jerez. 3,178,294.
 Kiper, Gerd. 3,165,989.
 Kiper, Gerd. 3,165,994.
 Kiper, Gerd. 3,169,463.
 Kiper, Gerd. 3,187,655.
 Kiper, Gerd. 3,196,771.
 Kiper, Gerd. 3,198,100.
 Kiper, Gerd. 3,199,428.
 Kiper, Gerd. 3,203,330.
 Kiper, Gerd. 3,205,805.
 Kiper, Gerd. 3,209,666.
 Kiper, Gerd. 3,218,949.
 Kiper, Gerd, and Denk. 3,165,990.
 Kiper, Gerd, and Kaden. 3,190,203.
 Kiper, Gerd, and Kremp. 3,165,996.
 Kiper, Gerd, and Mitsch. 3,200,721.
 Koehler, Franz, and Koenig. 3,188,931.
 Koopke, Gunther, Pelz, and Schellenberger. 3,199,983.
 Kremp, Rudolf. 3,167,180.
 Kremp, Rudolf, and Kaden. 3,183,769.
 Lassig, Wolfgang. 3,219,470.
 Löffler, Karl, and Menzel. 3,189,616.
 Lohmer, Karl, and Kolb. 3,167,430.
 Lohmer, Karl, and Morcher. 3,183,087.
 Menzel, Karl-Heinz, Pütter, and Wolfrum. 3,171,740.
 Menzel, Karl-Heinz, and Ulrich. 3,212,894.
 Mueller, Manfred, and Schulz. 3,198,099.
 Mueller, Manfred, and Schulz. 3,198,101.
 Mulats, Albert. 3,164,077.
 Muller, Manfred, and Schulz. 3,176,598.
 Nassenstein, Heinrich. 3,169,163.
 Neudecker, Karl, and Winkler. 3,165,037.
 Prinsen, Frederik B. A. 3,177,788.
 Püschel, Walter. 3,174,862.
 Püschel, Walter, Wahl, Pelz, Schellenberger, and Löffler. 3,186,840.
 Rebner, Werner. 3,164,470.
 Riebel, Alexander, Klein, Stroh, and Ulrich. 3,215,530.
 Roos, Gunther. 3,220,330.
 Schaum, Gustav, and Haydn. 3,203,795.
 Schaum, Gustav, Haydn, von König, and Seibert. 3,215,528.
 Schulz, Willi, and Muller. 3,208,366.
 Schwab, Richard, Birk, and Käufer. 3,170,382.
 Seizinger, August. 3,164,057.
 Seizinger, August. 3,217,593.
 Strasser, Helmut. 3,224,351.
 Strasser, Helmut, Schuchard, Topel, and Renner. 3,204,542.

- Agfa Aktiengesellschaft:** *See—Continued*
 Von König, Anita. 3,223,524.
 Von König, Anita, and Pfeiffenschneider. 3,212,892.
 Wahl, Ottmar, and Grabhofer. 3,169,879.
 Wick, Richard. 3,170,367.
 Wick, Richard, Paulus, and Niedermeier. 3,174,374.
 Wick, Richard, Pfeiffer, and Neumann. 3,167,381.
 Wick, Richard, Ramsauer, and Roos. 3,165,988.
 Winkler, Alfred, Ernst, and Schröder. 3,171,338.
 Winkler, Alfred, Hofmann, Maas, and Stierstorfer. 3,194,140.
 Winkler, Alfred, and Schröder. 3,169,460.
 Winkler, Friedrich, and Zanner. 3,194,714.
 Winkler, Otto, and Herweg. 3,214,855.
- Aggenbach, Pierre A. M.: See—**
 De Rooij, Abraham H., and Aggenbach. 3,214,458.
- Aggson, Robert E.** Foundation vent. 3,220,079, 11-30-65, Cl. 25-118.
- Aghnides, Elie P.** Slotless aerators. 3,173,614, 3-16-65, Cl. 239-429.
- Aghnides, Elie P.** Aerator structure and legged diaphragm therefor. 3,198,440, 8-3-65, Cl. 239-432.
- Aghnides, Elie P.** Molded water aerators. 3,211,883, 10-12-65, Cl. 239-432.
- Agler, Wave B.** to Pentron Electronics Corp. Expanded metal. 3,165,810, 1-19-65, Cl. 29-62.
- Agnello, Eugene J., and G. D. Laubach,** to Chas. Pfizer & Co., Inc. $\Delta^{1,4}$ -pregnatrienes and intermediates useful in the preparation thereof. 3,190,897, 6-22-65, Cl. 260-397.45.
- Agner, Kjell.** Dispensing device. 3,209,959, 10-5-65, Cl. 222-367.
- Agnese, Joseph M.** Combination furnace, fireplace, broiler. 3,169,518, 2-16-65, Cl. 128-8.
- Agnew, Albert B.** 33 $\frac{1}{2}$ % to W. B. Jaspert. Refractory furnace linings. 3,183,625, 5-18-65, Cl. 50-157.
- Agnew, Kenneth L.** Recording and reproducing the shape of three-dimensional objects. Re. 25,930, 12-7-65, Cl. 156-58.
- Agnew, Stanley A., E. Koch, and F. G. Ferraloli,** to Air Reduction Co., Inc. Shielding gas boxes for vertical welding. 3,221,134, 11-30-65, Cl. 219-126.
- Agnew, Vincent R.** Pneumatic divider and distributor. 3,185,277, 5-25-65, Cl. 193-31.
- Agrafes Francaises et d'Articles Metalliques, Societe des:** *See—*
 Jallinaud, Raymond. 3,179,997.
- Agrashell, Inc.: See—**
 Ayers, Joseph W., and Orlemann. 3,170,764.
 Davison, Brian K. 3,198,332.
- Agrati, Carlo,** to Officine Meccaniche A. Agrati S.r.l. Automatic nut tapping machine. 3,192,543, 7-6-65, Cl. 10-132.
- Agrellius, Kelton C.** to United States of America, Navy. Dual diversity switching unit. 3,166,711, 1-19-65, Cl. 325-304.
- Agren, Bengt Assar,** to E. H. Nordin. Handle for grinding operations. 3,208,307, 9-28-65, Cl. 74-798.
- Agricola Reg. Trust: See—**
 Hacklander, Karl H. 3,207,646.
- Agricultural Laboratories, Inc.: See—**
 Scott, James R., and Bumgarner. 3,168,796.
- Agricultural Research Development, Inc.: See—**
 Tripp, Herman W. 3,181,503.
- Agruss, Meyer S.** Process for treating leucocyanide dye images and product thereof. 3,184,308, 5-18-65, Cl. 96-27.
- Agruss, Meyer S.,** to Miehle-Goss-Dexter, Inc. Sensitive compositions. 3,205,072, 9-7-65, Cl. 96-90.
- Agruss, Meyer S.,** to Miehle-Goss-Dexter, Inc. Photosensitive compositions containing leucocyanides of triphenylmethane dyes. 3,226,233, 12-28-65, Cl. 96-82.
- Aguidisch, Claudine,** to Saint-Gobain, Compagnie de. Preparation of alkoxyalkenes. 3,184,359, 11-16-65, Cl. 260-614.
- Agullar, Hector V., and R. S. Mark,** to Clary Corp. Keyboard switch apparatus. 3,221,113, 11-30-65, Cl. 200-5.
- Agullar, Henry.** Method of orienting and pitting fruit having stems. 3,212,545, 10-19-65, Cl. 146-224.
- Agullar, Henry, and S. A. Minera.** Cherry separator. 3,164,179, 1-5-65, Cl. 148-1.
- Ahara, Howard B.** Lantern stand. 3,199,818, 8-10-65, Cl. 248-156.
- Ahearn, Joseph D.,** to Universal Instruments Corp. Transistor clincher. 3,167,779, 2-2-65, Cl. 1-210.
- Ahern, John E.,** to United Aircraft Corp. High-temperature radiator tube design. 3,219,106, 11-23-65, Cl. 165-134.
- Ahern, William B.: See—**
 Sloan, Edward C., and Ahern. 3,170,797.
- Ahl, Paul F.: See—**
 Olsen, Poul J., and Ahl. 3,203,450.
- Ahlbin, Fred E.** Method of making scissors. 3,164,038, 1-5-65, Cl. 76-104.
- Ahlbor, Valter A., and A. Carlson,** to Aerenco Aktiebolag. Bearing arrangement for rotating bunch rollers in cigar wrapping mechanisms. 3,220,783, 11-30-65, Cl. 308-15.
- Ahlborn, John C.: See—**
 Dille, Roger M., Guptill, and Ahlborn. 3,224,849.
- Ahlbrandt, Andreas,** to Walter Durbeck Papiersackfabriken G.m.b.H. Folding flattened tubes. 3,185,044, 5-25-65, Cl. 93-20.
- Ahlbrecht, Arthur H.,** to Minnesota Mining and Mfg. Co. Fluorinated aliphatic alcohols. 3,171,861, 3-2-65, Cl. 260-633.
- Ahlbrecht, Arthur H., and T. S. Reid,** to Minnesota Mining and Mfg. Co. Aziridine derivatives and polymers thereof. 3,198,754, 8-3-65, Cl. 260-2.
- Ahlemeyer, William L.: See—**
 Krause, James N., and Ahlemeyer. 3,185,383.
 Krause, James N., and Ahlemeyer. 3,199,421.
- Ahlen & Akerlund Forpackning, AB: See—**
 Persson, Karl R. 3,182,886.
- Ahlen, Karl G.,** to Svenska Rotor Maskiner Aktiebolag. Hydrodynamic power transmission with angularly adjustable blades. 3,180,094, 4-27-65, Cl. 60-54.
- Ahlen, Karl G.,** to Svenska Rotor Maskiner Aktiebolag. Power transmission. 3,180,179, 4-27-65, Cl. 74-677.
- Ahlen, Karl G.,** to Svenska Rotor Maskiner Aktiebolag. Fluid and mechanical clutches. 3,207,279, 9-21-65, Cl. 192-57.
- Ahlen, Karl G.,** to Svenska Rotor Maskiner Aktiebolag. Transmission comprising a hydrostatic coupling and hydrodynamic torque converter in series. 3,213,982, 10-26-65, Cl. 192-32.
- Ahlert, Wilhelm, and E. Krüger,** to Elektro-Thermit G.m.b.H. Aluminothermic welding of rails. 3,189,959, 6-22-65, Cl. 22-204.
- Ahles, Lavern J.: See—**
 Leibe, Joseph, and Ahles. 3,190,339.
- Ahles, Lavern J.,** to E. I. du Pont de Nemours and Co. Flat spot resistant pneumatic tire. 3,220,456, 11-30-65, Cl. 152-330.
- Ahles, Lavern J., and J. Zimmerman,** to E. I. du Pont de Nemours and Co. Pneumatic tire and process of manufacture. 3,195,603, 7-20-65, Cl. 152-359.
- Ahlgren, Axel W.,** to Amerock Corp. Window lock. 3,216,756, 11-9-65, Cl. 292-169.
- Ahlgren, Myron, and P. D. Alexander.** Device for closing sacks or the like. 3,175,338, 3-30-65, Cl. 53-390.
- Ahllich, Harold G., R. R. Rady, and G. M. Pinson,** to The Dow Chemical Co. Scrap reclaiming apparatus. 3,205,533, 9-14-65, Cl. 18-12.
- Ahlman, Richard J., K. F. Graumenz, W. H. Jackman, and J. S. Rengert,** to Eastman Kodak Co. Device for loading and unloading a plurality of reels on an arbor. 3,220,662, 11-30-65, Cl. 242-68.
- Ahlstrom, A., Osakeyhtiö: See—**
 Jafs, Daniel. 3,179,159.
 Valtanen, Seppo O., and Punttila. 3,217,987.
- Ahlström, Allan E.** Apparatus for grinding drills. 3,224,146, 12-21-65, Cl. 51-90.
- Ahmuty, George S.** Golf club including grip locating means. 3,198,520, 8-3-65, Cl. 273-814.
- Ahn, Byong H., and S. Cuker,** to Van Norman Industries, Inc. Permanent magnet core galvanometer. 3,210,664, 10-5-65, Cl. 324-151.
- Ahn, Byong H., and S. Silbovitz,** to Keystone Camera Co., Inc. Electric camera control apparatus. 3,197,783, 7-27-65, Cl. 352-176.
- Ahrend-Libra, N.V.: See—**
 Hazes, Johannes H. 3,188,127.
- Ahrens, Claude W.** Rocking animal structure. 3,204,953, 9-7-65, Cl. 272-52.
- Ahrens, Claude W.** Obstacle course playground equipment. 3,211,452, 10-12-65, Cl. 272-58.
- Ahrens, Erhard,** to Electroacoustic Gesellschaft mit beschränkter Haftung. Phonograph pickup for grooved records. 3,201,527, 8-17-65, Cl. 179-100.41.
- Ahrens, Henry A., L. A. Raino, and L. Seide,** to Fairchild Camera and Instrument Corp. Plate for photographic reproduction. 3,205,806, 9-14-65, Cl. 95-85.
- Ahroni, Joseph M., and L. Plug-in type Christmas tree light.** 3,182,185, 5-4-65, Cl. 240-10.
- Ahroni, Lee: See—**
 Ahroni, Joseph M., and L. 3,182,185.
- Ahrons, Richard W.,** to United States of America, Air Force. Cryoelectric circuits. 3,191,063, 6-22-65, Cl. 307-88.5.
- Ahrons, Richard W.,** to Radio Corp. of America. Superconductor circuits. 3,207,921, 9-21-65, Cl. 307-88.5.
- Ahrons, Richard W., and L. L. Burns, Jr.,** to Radio Corp. of America. Television brightness and contrast control circuit. 3,179,743, 4-20-65, Cl. 178-54.
- Ahsmann, Gerardus J. M., and Z. van Gelder,** to North American Philips Co., Inc. Gaseous glow-discharge tube with monocrystalline metal cathode. 3,209,197, 9-28-65, Cl. 313-221.
- Aia, Michael A.: See—**
 Mooney, Richard W., and Aia. 3,205,036.
- Aichele, Ernest O.,** deceased, by M. K. Aichele, administratrix. Plastic metering means. 3,212,131, 10-19-65, Cl. 18-5.
- Aichele, Marie K.: See—**
 Aichele, Ernest O. 3,212,131.
- Aichenegg, Paul C.: See—**
 Hensel, Jack, and Aichenegg. 3,184,377.
- Aichenegg, Paul C.,** to Chemagro Corp. Method of killing nematodes with disulfides. 3,189,519, 6-15-65, Cl. 167-22.
- Aichenegg, Paul C., and C. D. Emerson,** to Chemagro Corp. Process for killing pests with asymmetric disulfides. 3,174,897, 3-23-65, Cl. 167-22.
- Aichenegg, Paul C., and C. D. Emerson,** to Chemagro Corp. Saturated disulfides, fungicides and nematocides. 3,216,895, 11-9-65, Cl. 167-22.

- Aichi Kogyo Kabushiki-Kaisha: *See*—
Ohira, Atsuo. 3,188,991.
Toyota, Shochiro, and Sakakibara. 3,226,013.
- Aichroth, Richard W. Seal. 3,167,322, 1-26-65, Cl. 277—180.
- Aidin, Samuel S. Automatic feeding apparatus for flat, circular articles. 3,168,949, 2-9-65, Cl. 198—30.
- Aigami, Yasuo: *See*—
Kakinoki, Hideo, Kamata, and Aigami. 3,215,644.
- Aiken, Charles B. Scanning apparatus for detecting a radiant energy source. 3,164,724, 1-5-65, Cl. 250—218.
- Aiken, William R. Signalling device. 3,169,241, 2-9-65, Cl. 340—373.
- Aiken, William R. Adjustable signalling device. 3,178,702, 4-13-65, Cl. 840—373.
- Aiken, William R. Tone control circuit for emphasizing low volume high and low frequency signals. 3,182,271, 5-4-65, Cl. 333—18.
- Aiken, William R. Volume changer employing a magnetic responsive resistor and providing a direct or inverse relation of output to input. 3,215,928, 11-2-65, Cl. 323—94.
- Alkins, Glenn A., to Armour and Co. Rendering process. 3,171,847, 3-2-65, Cl. 260—412.6.
- Alleo, Jackson A., to L. P. Frieder. Sound attenuating device and supporting means in a helmet. 3,178,723, 4-20-65, Cl. 2—6.
- Alleo, Jackson A., to L. P. Frieder. Rigid shell helmet and rigging and sound attenuating means therefor. 3,190,973, 6-22-65, Cl. 179—156.
- Alleo, Jackson A., to L. P. Frieder. Chain strap for a helmet. 3,187,342, 6-8-65, Cl. 2—3.
- Aimes, Francis M. Devices for providing hanger support of writing implements in connection with a solid base. 3,178,031, 4-13-65, Cl. 211—60.
- Aimes, Francis M. Calendar. 3,180,045, 4-27-65, Cl. 40—114.
- Ain, Herbert: *See*—
Weiss, Irving. 3,222,681.
- Ainley, Alfred J. to Associated Electrical Industries Ltd. Electric induction heating devices. 3,176,110, 3-30-65, Cl. 219—10.49.
- Ainley, Alfred J., J. A. Wright, and E. Heap, to Associated Electrical Industries Ltd., and The General Engineering Co. (Radcliffe) Ltd. Means for controlling the working temperature in machines operating upon plastic materials. 3,200,878, 8-17-65, Cl. 165—64.
- Ainley, David G., M. Cox, and J. A. Flint, to Power Jets (Research and Development) Ltd. Closed cycle gas turbine system. 3,194,744, 7-13-65, Cl. 176—60.
- Ainsworth, Alan, to United Kingdom Atomic Energy Authority. Remote-control manipulator. 3,219,200, 11-23-65, Cl. 214—1.
- Ainsworth, Cameron, F. C. Blubaugh, L. A. Springman, and J. R. Zapapas, to Eli Lilly and Co. Antacid compositions and method of using same. 3,224,940, 12-21-65, Cl. 167—55.
- Ainsworth, Cameron, and C. W. Ryan, to Eli Lilly and Co. Anticholinergic substituted butyramides. 3,225,091, 12-21-65, Cl. 260—558.
- Ainsworth, John D., to The English Electric Co., Ltd. Polyphase electrical converter equipment. 3,218,541, 11-16-65, Cl. 321—38.
- Ainsworth, Wm., & Sons, Inc.: *See*—
Baur, Fritz. 3,207,243.
- Alorno, Giovanni: *See*—
Costabello, Dino, Merli, Alorno, and Boffa. 3,183,269.
- Alraslan, John. Reversible coat. 3,201,801, 8-24-65, Cl. 2—93.
- Air Balance, Inc.: *See*—
McCabe, Francis J. 3,204,548.
- Air Conditioning Corp.: *See*—
Nickell, Grason T., Glass, and Cheek. 3,224,214.
- Aircoustic Co., Inc.: *See*—
Schutt, Jerome W. Re. 25,948.
Schutt, Jerome W. 3,177,795.
- Aircraft Appliances and Equipment Ltd.: *See*—
Gutkowski, Janusz. 3,209,915.
- Aircraft Armaments, Inc.: *See*—
Barr, Irwin R. 3,224,821.
Reiner, Fred, and Linfield. 3,201,754.
Sauerbrey, Wilmer J. E. 3,226,090.
Knapp, Phillip M. 3,169,191.
Patterson, Robert V. 3,178,758.
Rhodes, William H. 3,190,014.
Strauss, Lewis H. 3,168,611.
- Aircraft-Marine Products, Inc.: *See*—
Potter, Rossiter R., Ullman, and Fuller. 3,185,952.
- Aircraft Mechanics, Inc.: *See*—
Whittingham, John C. 3,180,456.
- Aircraft Precision Products, Inc.: *See*—
Kelly, Thomas N. 3,177,971.
- Aircraft Radio Corp.: *See*—
King, Paul B., Jr. 3,190,975.
King, Paul B., Jr. 3,212,024.
- Aircraft Specialties, Inc.: *See*—
Walker, Glenn L., and Filer. 3,208,489.
- Air Devices, Inc.: *See*—
O'Day, Cortland N., and Sweeney. 3,176,603.
O'Day, James C., and Sweeney. 3,179,125.
Sweeney, George J. 3,217,626.
Sweeney, George J. 3,217,627.
Sweeney, George J. 3,221,633.
Sweeney, George J., and Borzone. 3,205,809.
Sweeney, George J., and Borzone. 3,217,628.
- Aire-Lite Industries, Inc.: *See*—
Lipof, Robert. 3,222,841.
- Air-Flex Corp.: *See*—
Cislo, Casimer J. 3,219,090.
- Air France: *See*—
Bachelet, Gilbert H., and Bruilet. 3,182,379.
- Airguide Instrument Co.: *See*—
Taylor, Howard S., and Powers. 3,217,535.
- Air Heaters, Inc.: *See*—
Muckelrath, Ernest R. 3,201,098.
- Air Laboratory Service Co., Inc.: *See*—
Gunn, Paul C. 3,208,794.
- Air Logistics Corp.: *See*—
Bright, Elvin M. 3,165,569.
- Air-Mite Devices, Inc.: *See*—
Stryker, Seymour F. 3,191,720.
- Air-O-Matic Power Steer Corp.: *See*—
Gray, Homer A. 3,199,414.
- Airotor Vertriebsgesellschaft m.b.H.: *See*—
Kreutzer, Otto. 3,204,165.
- Airpax Electronics Inc.: *See*—
Coughlin, Thomas W. 3,182,151.
Coughlin, Thomas W., and Owen. 3,193,644.
Vlasak, Weldon. 3,164,788.
- Air Preheater Co., Inc., The: *See*—
Bellows, Richard, and Groves. 3,217,789.
Bloss, Harold E., and Flurschutz. 3,208,509.
Conde, James. 3,216,488.
Hall, Irvin G., and Casagrande. 3,216,486.
Hazzard, Noel D. 3,209,058.
Kurtz, Orville C., and Thompson. 3,216,095.
Moscardini, Arthur. 3,193,336.
Specia, Ello J. 3,216,485.
- Air-Pressure Damp-Proofing Services, Inc.: *See*—
Black, Andrew F. 3,185,396.
- Air Products and Chemicals, Inc.: *See*—
Beitchman, Burton D. 3,179,626.
Beitchman, Burton D., and Erner. 3,168,483.
Beitchman, Burton D., and Erner. 3,192,187.
Beitchman, Burton D., and Krause. 3,179,628.
Carlson, Floyd E., Frigg, and Levin. 3,212,128.
Carlson, Floyd E., Frigg, and Swedberg. 3,215,581.
Cornelius, Edward B., and Cosgrove. 3,194,755.
Cornelius, Edward B., Craig, Cross, Shabaker, and Field. 3,173,883.
Cross, Willis J., Jr. 3,213,011.
Duelp, Louis C., Jr., and Mills. 3,189,559.
Erner, William E. 3,167,387.
Erner, William E. 3,177,223.
Erner, William E. 3,197,476.
Farkas, Adalbert, Hersh, and Mascioli. 3,167,518.
Farkas, Adalbert, Hersh, and Mascioli. 3,167,555.
Flank, William H., McEvoy, and Shalit. 3,207,702.
Flinn, Richard A. 3,211,361.
Gaumer, Lee S., Jr. 3,173,778.
Gaumer, Lee S., Jr. 3,210,951.
Geist, Jacob M., Claitor, and Cost. 3,181,306.
Geist, Jacob M., Woolfenden, and Zeitz. 3,205,679.
Geist, Jacob M., and Zeitz. 3,188,824.
Green, Harold A. 3,193,526.
Green, Harold A. 3,205,083.
Harding, William A., and Hindin. 3,179,498.
Harding, William A., Michael, and Shalit. 3,213,156.
Harding, William A., and Shalit. 3,207,699.
Hindin, Saul G. 3,215,562.
Hindin, Saul G., and Shalit. 3,213,033.
Krause, Jack H. 3,212,966.
Kurzynski, Edward F. 3,169,161.
Kurzynski, Edward F. 3,194,650.
Kurzynski, Edward F., Jones, Reider, and Speary. 3,198,436.
Lady, Edward R. 3,210,950.
Lorz, Waldemar, Mills, and Shalit. 3,202,725.
Maerker, John B., Shalit, and Weiss. 3,207,802.
Maerker, John B., and Weiss. 3,178,486.
Mascioli, Rocco L. 3,166,558.
Mascioli, Rocco L. 3,193,515.
McEvoy, James E., and Milliken. 3,194,636.
McEvoy, James E., and Shalit. 3,174,881.
McEvoy, James E., and Shalit. 3,212,938.
Miller, Frank. 3,213,096.
Mills, George A. 3,168,368.
Oakes, Merwin D. 3,170,849.
Schilling, Clarence J. 3,210,948.
Steltz, Philip D. 3,215,813.
Talvenhelmo, Gerhardt. 3,212,937.
Thomas, Edmund P., and Ness. 3,212,280.
Woolfenden, Brian K., and Petersen. 3,208,106.
Zeitz, Kenneth, Geist, and Lashmet. 3,199,804.
- Air Reduction Co.: *See*—
Stoecker, Robert L. 3,166,971.
- Air Reduction Co., Inc.: *See*—
Agnew, Stanley A., Koch, and Ferraioli. 3,221,134.
Anderson, Nelson E. 3,201,562.
Anderson, Nelson E. 3,213,261.
Anderson, Nelson E. 3,220,629.
Balcar, Frederick R., Marancik, and Hodges. 3,190,941.
Benner, Charles E. 3,192,536.
Benner, Charles E. 3,212,101.
Brady, Joseph S. 3,175,932.
Crowe, Bernard F. 3,214,405.

Air Reduction Co., Inc.: See—Continued

- Dennis, Wolcott. 3,191,393.
 Dixler, Daniel S. 3,214,291.
 Dixler, Daniel S. 3,219,475.
 Dorsak, John W., and Van Denberg. 3,187,744.
 Dorsch, Karl E. 3,215,814.
 Duron, Paul. 3,181,473.
 Fishbein, Leon, and Crowe. 3,172,877.
 Fritzsche, Peter R., and Glardi. 3,218,183.
 Fukushima, Osamu, and Matsubayashi. 3,211,685.
 Glassman, Irvin. 3,170,281.
 Granata, Anthony J. 3,213,634.
 Greene, William J. 3,179,786.
 Greene, William J. 3,191,111.
 Greene, William J., and Daggett. 3,199,016.
 Hoffman, Joseph K. 3,211,714.
 Iceland, William F. 3,204,081.
 Krantz, John C., Jr. 3,216,897.
 Lawrence, Joseph S. 3,174,294.
 Maghotta, Frank A. 3,201,366.
 May, Harold L., and Hay. 3,213,877.
 Muller, Albert. 3,178,552.
 Miller, Henry A., Jr. 3,190,287.
 Moore, George L. 3,218,362.
 Neeley, Arthur N., and Frantz. 3,213,112.
 Omilian, Francis A., Jr. 3,185,334.
 Rendos, John J. 3,187,514.
 Saito, Hideo, and Mizutani. 3,174,208.
 Shiraishi, Makoto. 3,193,651.
 Simon, Harry, and Maglio. 3,171,061.
 Tanabe, Kenichi, Saito, and Ashikaga. 3,170,973.
- Air-Shields, Inc.: See—**
 Andreasen, Christian B. Re. 25,871.
 Richter, Harold K. 3,167,658.
- Airspace, Inc.: See—**
 Axelsson, Folke A. 3,203,042.
- Air Techniques, Inc.: See—**
 Kauer, George C., Jr., and Brooks. 3,175,572.
- Air Technology Corp.: See—**
 Clapp, Roger E. 3,195,397.
 Kelley, Joseph P. 3,200,394.
- Airtex Products, Division of United Industrial Syndicate, Inc.: See—**
 Hicks, William J. 3,224,377.
- Airtron, Inc.: See—**
 Nielsen, James W. 3,221,395.
 Wantuch, Ernest. 3,187,277.
 Wantuch, Ernest. 3,212,028.
- Aisawa, Shiro: See—**
 Price, Wilton T., and Aisawa. 3,166,978.
- Aisen, Arnold. Straight edge. 3,178,826, 4-20-65, Cl. 33-107.**
- Aishima, Itsuho: See—**
 Tsunoda, Yoshio, Kobayashi, Aishima, Takashi, and Fujimoto. 3,207,734.
- Aitchison, Arthur C.: See—**
 Perdue, Jack, and Aitchison. 3,188,026.
- Aitken, Roxburgh R., L. M. Dadson, and T. J. Meyrick, to Imperial Chemical Industries Ltd. Process for coating substrates with compositions comprising vinyl chloride polymers and polyisocyanate modified polyesters of aliphatic acids and diols with carbon: oxygen content of at least 5:2. 3,120,215, 10-5-65, Cl. 117-76.**
- Aitken, Roxburgh R., L. M. Dadson, and T. J. Meyrick, to Imperial Chemical Industries Ltd. Coatin and adhesive compositions comprising vinyl chloride polymers and polyisocyanate modified polyesters and aliphatic acids and diols with carbon: oxygen content of at least 5:2. 3,210,439, 10-5-65, Cl. 260-859.**
- Aitken, William H., to Remington Arms Co., Inc. Sprocket retaining means. 3,181,902, 5-4-65, Cl. 287-53.**
- Aitken, William H., to Remington Arms Co., Inc. Saw chain connection. 3,204,672, 9-7-65, Cl. 143-135.**
- Aizawa, Bunji, and N. Katagiri, to Toshiba Denki Kigu Kabushiki Kaisha. Liquid fuel burners. 3,169,519, 2-10-65, Cl. 126-96.**
- Aizawa, Tatsuo. Automatic electronic control system in the continuous printing and ammonia gas developing machine for sensitive papers. 3,174,420, 3-23-65, Cl. 95-77.5.**
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- Aja, Rudolph. Band saws for cutting meat and bone and means to clean such saws. 3,208,487, 9-28-65, Cl. 143-158.**
- Ajax Flexible Coupling Co., Inc.: See—**
 Brumagin, Thomas H. 3,211,289.
- Ajax Magnethermic Corp.: See—**
 Shearman, Wilbur E. 3,184,226.
 Shearman, Wilbur E. 3,221,379.
 Tama, Mario, and Shearman. 3,187,394.
- Ajax Mfg. Co., The: See—**
 Ehlert, William A. 3,183,699.
 Kull, Albert R. 3,180,123.
 Kull, Albert R. 3,183,532.
 Kull, Albert R. 3,183,533.
 Ware, Ben F. 3,184,943.
- Ajem Laboratories, Inc.: See—**
 Arnold, Orlan M., and Evans. 3,166,082.
 Arnold, Orlan M., and Harbin. 3,173,879.
 Evans, Dewey M., and Koepke. 3,221,538.
 Evans, Dewey M., and Kosar. 3,197,020.
 Hackethal, Waldemar F., and Umbricht. 3,214,669.
 Jamison, Robert M. 3,168,596.
 Jamison, Robert M., and Arnold. 3,194,544.
 Jamison, Robert M., and Panzica. 3,170,965.
 Jamison, Robert M., and Umbricht. 3,205,641.
 Johnson, Willard L., Millhiser, Sorensen, and Kosar. 3,192,677.
 Solet, Louis. 3,178,008.
 Umbricht, Emil. 3,170,333.
 Umbricht, Emil. 3,179,387.
 Umbricht, Emil. 3,187,883.
 Umbricht, Emil, and Koepke. 3,215,260.
- Ajinomoto Co., Inc.: See—**
 Akabori, Shiro, and Izumi. 3,203,905.
 Iizuka, Hiroshi, Katsuya, Shio, Komagata, Otsuka, Yamada, and Ishii. 3,222,258.
 Itaya, Minoru, Umabayashi, Okuda, and Takeda. 3,218,181.
 Kageyama, Hiroh, Okamoto, Iida, and Ohno. 3,185,703.
 Komachiya, Yoshioki, Takesada, and Sakurai. 3,211,784.
 Matsui, Toshinori, Nishimura, Ide, Okada, Kameyama, and Tsunoda. 3,174,906.
 Motozaki, Shin-ichi, Ohno, Komori, and Dazai. 3,174,986.
 Okada, Hiroshi, Takinami, Tsuru, Shio, and Tsunoda. 3,164,531.
 Sasaji, Ichiro, Hara, Tatsumi, Seki, Akashi, and Ohno. 3,213,106.
 Tatsumi, Susumu, Sasaji, and Ohno. 3,182,079.
 Takahashi, Masahiro, Miura, Okumura, and Ishida. 3,198,712.
 Tsuchiya, Yoshio, Hayashi, Kato, Yoshikawa, Mori, and Miyasaka. 3,215,687.
 Tsuchiya, Yoshio, Takenishi, Kato Mori, and Yoshikawa. 3,201,388.
- Ajinomoto Kabushiki Kaisha: See—**
 Shiro, Toruo, Okumura, Tamagawa, Tsunoda, Takahashi, and Motozaki. 3,222,257.
- Ajioka, James S., to Hughes Aircraft Co. Broadband waveguide slot radiator with mutually coupled slots of different perimeters and orientation. 3,183,511, 5-11-65, Cl. 343-771.**
- Ajioka, James S., to United States of America, Navy. Low side lobe pillbox antenna employing open-ended baffles. 3,212,095, 10-12-65, Cl. 343-780.**
- Akabayashi, Hiroshi, and H. Negishi, to Nissan Kagaku Kogyo Kabushiki Kaisha. Process for manufacturing α -sulphoxyisobutyric acid and α -hydroxyisobutyric acid. 3,198,829, 8-3-65, Cl. 260-458.**
- Akabori, Shiro, and Y. Izumi, to Ajinomoto Co., Inc. Method of preparing a Raney nickel optically active hydroxy acid hydrogenation catalyst. 3,203,905, 8-31-65, Cl. 252-430.**
- Akaboshi, Michihiro, T. Kominami, S. Fukuda, and K. Uragami, to Kurashiki Rayon Co., Ltd. Apparatus for mixing a relatively viscous liquid with a relatively non-viscous liquid. 3,186,803, 6-1-65, Cl. 23-285.**
- Akai Electric Co. Ltd.: See—**
 Atsumi, Katsuya. 3,197,210.
 Ohtsu, Koichi. 3,167,264.
- Akai, Saburo: See—**
 Atsumi, Katsuya. 3,190,970.
- Akamatsu, Kiyoshi: See—**
 Tsunoda, Yoshio, Taneda, Akamatsu, and Matsui. 3,184,281.
- Akanuma, Kaneo: See—**
 Wada, Toshiya, Yoshino, Akanuma, and Taguchi. 3,207,636.
- Akashi, Takekazu: See—**
 Sasaji, Ichiro, Hara, Tatsumi, Seki, Akashi, and Ohno. 3,213,106.
- Akashi, Tsuneo, and M. Tobita, to Nippon Electric Co. Ltd. Manganese zinc ferrite containing vanadium pentoxide, silicon dioxide, and indium trioxide. 3,169,115, 2-9-65, Cl. 252-62.5.**
- Akelreb, David. Premium holding package. Re. 25,781, 5-18-65, Cl. 206-47.**
- Akerfors, Ingvar, to Casius Corp. Ltd. Plant for manufacturing cellular concrete products. 3,204,315, 9-7-65, Cl. 25-105.**
- Akerman, Iwan E. R.: See—**
 Lowler, Erik, and Akerman. 3,191,854.
- Akerman, Iwan E. R., to Atlas Copco Aktiebolag. Two stage screw rotor machines. 3,209,990, 10-5-65, Cl. 230-143.**
- Akers, Carol C.: See—**
 Daniel, Elbert H., Akers, Mitchell, and Forsyth. 3,190,828.
- Akers, Edward G.: See—**
 Wilson, Woodrow S., and Akers. 3,193,392.
- Akers, John N. Apparatus for distilling non-potable water to produce potable water. 3,224,948, 12-21-65, Cl. 202-192.**
- Akers, Richard J., Jr. Double-acting reversible wrench. 3,175,433, 3-30-65, Cl. 81-57.**
- Akhalaya, Mikhail G., V. S. Kasoolin, G. V. Astafiev, S. I. Babkin, A. N. Butsev, T. V. Kalinina, and G. I. Tatishvili. Instrument for suturing esophagus to intestine or stomach. 3,193,165, 7-6-65, Cl. 227-18.**
- Akhtar, Mohd: See—**
 Betts, Max W., and Akhtar. 3,212,854.

- Akima, Hideaki, to Canon Camera Co., Ltd. Photographic printing apparatus. 3,177,764, 4-13-65, Cl. 88-24.
- Akin, Alfred A., Jr., to D. P. Bushnell. Mounting for telescopic sight. 3,222,022, 12-7-65, Cl. 248-205.
- Akin, George A., to Eastman Kodak Co. Production of unsaturates by the non-uniform mixing of paraffin hydrocarbons with hot combustion gases. 3,178,488, 4-13-65, Cl. 280-679.
- Akin, Phillip A. Electrical protective system. 3,174,143, 3-16-65, Cl. 340-213.
- Akin, Phillip A., to Northrop Corp. Optical display device. 3,181,170, 4-27-65, Cl. 346-108.
- Akin, Phillip A. Shutter-operated photoelectric switch. 3,205,866, 9-7-65, Cl. 250-229.
- Akin, Welling T., and I. Van Schoick, to The B/W Controller Corp. Automatic work pressure control system. 3,223,180, 12-14-65, Cl. 173-7.
- Akin, William M., to Laclede Steel Co. Deformed steel wire. 3,214,877, 11-2-65, Cl. 52-644.
- Akino, Hiroshi: See—
Sogawa, Toru, Akino, Watanabe, Zumi, Sonohata, and Shiga. 3,203,769.
- Akita, Sadao: See—
Kinoshita, Shukuo, Tanaka, Uda, and Akita. 3,220,929.
- Akiyama, Tadashi: See—
Sato, Takehiko, and Akiyama. 3,182,457.
- Akkerman, Antony M.: See—
Van Proosdij-Hartzema, Elizina G., van Leeuwen, and Akkerman. 3,218,319.
- Akkerman, Antony M., and J. F. Michels, to Combinatie Voor Chemische Industrie Nederlandsche, N.V. 1-(alkoxyphenyl-alkyl)-2-imidazolinones, 2-imidazolidinones and 2-pyrimidinones. 3,184,460, 5-18-65, Cl. 260-251.
- Akkerman, Antony M., H. Kofman, J. F. Michels, and G. de Vries, to Nederlandsche Combinatie voor Chemische Industrie, N.V. 5-phenyl-5-(2-pyrazyl)-hydantoin. 3,192,211, 6-29-65, Cl. 260-250.
- Akmenkalns, Ivars G., to International Business Machines Corp. Driver circuit. 3,193,691, 7-6-65, Cl. 307-88.
- Akmenkalns, Ivars G., to International Business Machines Corp. Tunnel diode switching circuit. 3,200,257, 8-10-65, Cl. 307-88.5.
- Akro-Mills, Inc.: See—
Walter, Ernest W. 3,200,983.
- Akron Brass Co.: See—
Allenbaugh, George G., Jr. 3,198,477.
- Akron Standard Mold Co.: See—
Bailey, Harold G., and Hale. 3,221,364.
Bishop, Earl L., and Sabo. 3,178,331.
Goodwin, Winchel J. 3,204,109.
Kastner, Edward C., and Dugger. 3,219,338.
Shilts, Richard L. 3,207,648.
- Aksens, Ola: See—
Pettersson, Johan B., Aksens, Jacobsen, and Hammer. 3,202,501.
- Aksnes, Nils, P. C. Smith, and O. Sunde, to Drammens Glassverk. Apparatus for breaking off and removing glass sheets from an advancing band of glass. 3,194,464, 7-13-65, Cl. 225-96.5.
- Akst, Harold, to Burroughs Corp. Multi-contact manually-operated electric switch with lever actuating means. 3,187,120, 6-1-65, Cl. 200-16.
- Aksu, Akin, to AMP Inc. Plugboard assembly. 3,170,746, 2-23-65, Cl. 339-18.
- Aktieselskabet National Industri: See—
Lange, Emil. 3,197,596.
Lange, Emil, and Ingvaldsen. 3,197,593.
- Akustische U. Kino-Gerate Gesellschaft m.b.H.: See—
Görke, Rudolf. 3,172,498.
Görke, Rudolf. 3,222,463.
Görke, Rudolf, and Schuster. 3,204,031.
Pless, Ernst. 3,219,765.
Weingartner, Bernhard. 3,201,516.
Weingartner, Bernhard. 3,218,579.
Weingartner, Bernhard. 3,223,782.
- Akwell Corp.: See—
Povlacs, Lawrence. 3,190,055.
- Alaback, Glenn J., to Whirlpool Corp. Clothes dryer cabinet construction. 3,218,732, 11-23-65, Cl. 34-133.
- Aladdin Industries, Inc.: See—
Bramming, Carl. 3,193,126.
Lyman, Harold T., Mason, and Bogardus. 3,204,208.
Mason, Francis G. 3,181,093.
- Aladdin Ladders, Inc.: See—
Wagner, Quentin V., and Dettloff. 3,199,627.
- Aladdin Mfg. Co.: See—
Smith, Robert W. 3,184,201.
- Alam, Bernard D. Curing tubes for vulcanizing apparatus. 3,187,384, 6-8-65, Cl. 18-45.
- Alamac Knitting Mills, Inc.: See—
Thal, William. 3,171,484.
- Alamance Industries, Inc.: See—
Keziah, John W., Sr. 3,194,030.
- Alas, Raigo: See—
Paterson, Patrick J., Alas, and Leavitt. 3,226,059.
- Alaska Juneau Gold Mining Co.: See—
Cain, Clifford G. 3,195,916.
- Alaskaug, Inc.: See—
Miller, Robert W. 3,207,242.
- Albanes, Nicholas J., and M. P. Langendorf, to International Business Machines Corp. Multiple station selection system. 3,222,460, 12-7-65, Cl. 179-100.1.
- Albatros Zwavelzuur-en Chemische Fabrieken, N.V.: See—
Van Es, Adrian C. 3,169,853.
- Albee, Percy F., Jr., to O-Panel Corp. Picture screen and mounting therefor. 3,213,925, 10-26-65, Cl. 160-829.
- Albeni Corp.: See—
Alissandratos, Tacko D. 3,173,547.
- Alber, Norman E., and W. E. Smith, to Clevite Corp. Extruding fibers having oxide skins. 3,216,076, 11-9-65, Cl. 22-200.1.
- Alber, Peter: See—
Sangl, Michael, and Alber. 3,197,701.
- Alberani, Julius: See—
Cowles, Warren H., Alberani, and Ensinger. 3,171,420.
- Alberani, Julius, to Holley Carburetor Co. Force balance system. 3,215,346, 11-2-65, Cl. 235-200.
- Alberani, Julius, to Holley Carburetor Co. Pressure ratio device. 3,219,309, 11-23-65, Cl. 251-28.
- Albermarle Paper Mfg. Co.: See—
Hodgson, Reginald H., and Thomas. 3,179,314.
Pyle, Edwin H., and Swallow. 3,190,539.
- Albers, Gus A., and W. G. Schumacher, to Chemetron Corp. Metal transferring process and apparatus. 3,184,578, 5-18-65, Cl. 219-146.
- Albers, Teunis. Automatic spray washing device for cows. 3,183,890, 5-18-65, Cl. 119-159.
- Albers, Teunis. Screw conveyor-trough structure. 3,215,257, 11-2-65, Cl. 198-204.
- Albersheim, Walter J., to Spencer-Kennedy Laboratories, Inc. Temperature compensating device having a thermistor in the grid-to-cathode biasing circuit of the amplifier. 3,173,110, 3-9-65, Cl. 333-18.
- Albert Air Conveyor Corp.: See—
Albert, Douglas. 3,180,689.
Albert, Douglas. 3,223,457.
- Albert, Donald J., to Eastman Kodak Co. Laminated tape structure. 3,194,717, 7-13-65, Cl. 161-113.
- Albert, Douglas, to Albert Air Conveyor Corp. Horizontal pressure tank construction. 3,180,689, 4-27-65, Cl. 302-52.
- Albert, Douglas, to Albert Air Conveyor Corp. Pneumatic fluidizing means. 3,223,457, 12-14-65, Cl. 302-53.
- Albert, Frank P., and L. W. Bleker, to Union Tank Car Co. Transfer car. 3,201,021, 8-17-65, Cl. 228-49.
- Albert, Harry E.: See—
Garvey, Benjamin S., Jr., Albert, and Whiton. 3,226,371.
Goshorn, Roland H., Albert, Buchholz, and Whiton. 3,188,304.
Haines, Paul G., and Albert. 3,207,794.
- Albert, Harry E., to The Firestone Tire & Rubber Co. Substituted phenylenediamine-alkyl halide condensation products. 3,196,180, 7-20-65, Cl. 260-570.5.
- Albert, Harry E., to The Firestone Tire & Rubber Co. Use of substituted phenylenediamine-alkyl halide condensation products of antiozone agents in rubber. 3,208,067, 9-28-65, Cl. 260-45.9.
- Albert, Harry E., and P. G. Haines, to Pennsalt Chemicals Corp. Process for the manufacture of storage-stable alkylated bisphenol elastomer antioxidant. 3,221,060, 11-30-65, Cl. 260-619.
- Albert, Martin. Polishing machine. 3,172,137, 8-9-65, Cl. 15-97.
- Albert, Paul A., and K. Foster, to Westinghouse Electric Corp. Production of thin glass oriented magnetic materials. 3,165,428, 1-12-65, Cl. 148-111.
- Albert, Paul M., to Ex-Cell-O Corp. Apparatus embodying plural light paths for measuring the turbidity of a fluid. 3,177,760, 4-13-65, Cl. 88-14.
- Albert, Willard S.: See—
Boyer, John L., Albert, and Ross. 3,183,376.
- Albertelli, Frank U. Finger tab for archers. 3,217,334, 11-16-65, Cl. 2-21.
- Alberti, Robert E., and A. C. Martyn, to Caterpillar Tractor Co. Package of annular seals. 3,198,323, 8-3-65, Cl. 206-46.
- Albertini, Sauro: See—
Bertoglio, Guido, and Albertini. 3,196,839.
Bertoglio, Guido, and Albertini. 3,209,453.
- Alberts, Claes Y. H.: See—
Brannfors, Sten H., and Alberts. 3,224,203.
- Alberts, Edward J., to Essex Wire Corp. Power plug. 3,171,703, 3-2-65, Cl. 339-61.
- Alberts, Ralph P.: See—
Sorensen, Phillips N., and Alberts. 3,185,808.
- Alberts, Thomas W., to Pennsalt Chemicals Corp. Meat processing. 3,177,080, 4-6-65, Cl. 99-108.
- Albertson, Bruce E.: See—
Jorgensen, Michael V., Albertson, Michaels, and Turner. 3,210,584.
- Albertson & Co., Inc.: See—
Perham, James A. 3,210,892.
- Albertson, Fred W., Jr., and F. W. Albertson, Sr. Electric rail switch and control system. 3,219,816, 11-23-65, Cl. 246-255.
- Albertson, Fred W., Sr.: See—
Albertson, Fred W., Jr., and F. W. Albertson, Sr. 3,219,816.
- Albertson, Noel F., to Sterling Drug Inc. 1-benzyl-2,5-bis-(chloromethyl)pyrrolidine and acid-addition salts thereof. 3,202,675, 8-24-65, Cl. 260-313.
- Albertson, Orris E., to Dorr-Oliver Inc. Anaerobic digestion of waste sludges. 3,226,317, 12-28-65, Cl. 210-6.
- Albertson, Victor N.: See—
Swenson, William E., Ruhland, and Albertson. 3,164,199.