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LIBRARY
BOSTON ARCHITECTURAL CENTER

June 1956

INVENTORY OF PRINTED OR MIMEOGRAPHED ITEMS
Written Between 1927 - 1956 by
R. BUCKMINSTER FULLER or his Close Associates

Concerning His Philosophy of
COMPREHENSIVE, ANTICIPATORY DESIGN-SCIENCE
and the Technical Strategy of its Economic Realization and
Socio-Industrial Assimilation

Item #	Title and Subject	Number of Pages	Date	Price if Available
1.	THE NEXT TWO BILLION CUSTOMERS A Foreign Policy for the United States. Resume with charts of Address. Given before U. S. Export Advertising Association, Monthly Luncheon, Hotel Shelton, N. Y., N. Y.	mimeo 9 inc. chart	2/27/52	\$1.00
2.	TOTAL THINKING Dymaxion epistemology; Essay by B. Fuller Black Mountain College, July 1949	" 11	1949	1.00
3.	AUTONOMOUS DWELLING FACILITY Strategy of its Design realization. Resume of project conducted at Institute of Design, Chicago, Feb. 1949	" 3	1949	.35
4.	PREVIEW OF BUILDING Formal announcement of Geodesic structural strategy. Resume of lecture by B. Fuller at University of Michigan, "A Mid-Century Conference on Housing", April 1949	" 16	1949	1.25
5.	COMPREHENSIVE DESIGNING Vital statistics and energy economics. A talk given before the Faculty Club of the Massachusetts Institute of Technology, Jan. 19, 1950. Published in TRANS/FORMATION Magazine 1950.	" 6 inc. chart	1950	.75
6.	TRIAL BALANCE INVENTORY (TBI) The gadget package for the Autonomous Dwelling Facility, May 1949	" 3	1949	.35
7.	UNIVERSAL REQUIREMENTS OF A DWELLING ADVANTAGE "	16	1927	1.25

Item #	Title and Subject		Number of Pages	Date	Price if Available
8.	DESIGN FOR SURVIVAL - PLUS A talk by B. Fuller, Jan. 26, 1949: being the occasion of the first formal meeting at the Illinois In- stitute of Technology to consider the inauguration of a program to convene the abilities of Science, Engineering and Design in the realization of single family dwelling units through the aug- mented advantage of the Industrial Com- plex, - an advantage heretofore unique- ly avoided by the proclivities of the housing tradition... probable political economic world events leading up to the establishment of shelter mechanics at high- est military priority and the subsequent adoption of the high priority air deliver- able structures in a series of world em- ergencies and catastrophies - finally es- tablishing generalized flyable structures as the primary world industry	mimeo	10	1949	\$1.00
9.	EARTH, INC. by B. Fuller General accounting of a world around economics. Definitions of Industrial- ization and Industrial "Wealth".	booklet	20 with chart	1946	2.00
10.	FLUID GEOGRAPHY by B. Fuller Synergetic historical patterning arising from the evolution of the science and technology of water and air borne vessels. Hypothesis of an oceanically secreted archaeology which will better explain man's world around history. Published in THE AMERICAN NEPTUNE, April 1944.	booklet	28 with map	1944	2.00
11.	DESIGNING A NEW INDUSTRY by B. Fuller Strategy of the development of the air deliverable, high industrial priority dwelling facility, - its world around logistics. Resume of a lecture de- livered by B. Fuller to engineering staff of Fuller Houses, at Wichita, Kansas, Jan. 26, 1946	booklet	42	1945	1.00

The following nine items by or concerning the work of
R. Buckminster Fuller
are contained in the STUDENT PUBLICATIONS of the
School of Design of North Carolina State College,
Raleigh, North Carolina

Item #	Title and Subject	Number of Pages	Date	Price if Available
12.	<p>TENSILE INTEGRITY by Bruno Leon, offset <u>Student Publications, Vol. 1, #2 -</u> Spring 1951 Editorial on B. Fuller, Energetic Geometry, Geodesic struc- tures, and philosophy, with illus- trations of Energetic Geometry, and Fuller Research Foundation, Canadian Division, 49' Geodesic, and Kid Brewer Geodesic house plans by J. W. Fitzgibbon. Comments on B. Fuller's Energetic Geo- metry by Duncan Stuart and Manuel Bromberg</p>	6	1951	\$1.00
13.	<p>THE 90 PER CENT AUTOMATIC FACTORY by offset B. Fuller: the generalized case and its application to the manufacture of cotton. Also DEPLOYMENT and folding package concept of B. Fuller, by Sherman Pardue. North Carolina State College School of Design repeats the Trial Bal- ance Inventory problem of the Chicago Institute of Design (See #6) <u>Student Publications, Vol. 2 #1, Fall 1951</u></p>	11	1951	1.50
14.	<p>4-D TIMELOCK (4-D: Four Dimensional) offset by B. Fuller, Sept. 1927. Chapters 10, 11, 12. Reprinted by <u>Student</u> <u>Publications, Vol. 2, #3, Spring 1952</u> Chap. 10, REVOLUTION IN DESIGN; IN- DUSTRIAL ARTS vs. SELFISH CREATION; NEW SCALE AND THE TIME DIMENSION, Chap. 11, BUILDING 'FROM THE INSIDE OUT' AS OPPOSED TO BUILDING 'FROM THE OUTSIDE IN' Chap. 12, ABSTRACT DESIGN, HARMONY AND FOURTH DIMENSIONAL CONTROL; illus. of 4-D control: B. Fuller's 20' Discontinuous Compression (Tension Integrity) mast.</p>	11	1927	1.50
15.	<p>Buckminster Fuller Geodesic issue offset <u>Student Publications, Vol. 3, #1,</u> <u>Fall 1952</u> THE ARCHITECT AND AGRICULTURE by B. Fuller: outline for Fuller Pro- ject at School of Design, N. C. State Jan. '53. Photographs and articles by students and faculty of Fuller's Geodesic, Tension Integrity, Octetruss, 'roll-up' mast structures; Geodesic Cotton Mill; Ford Geodesic Dome, Museum of Modern Art "Bubble House", etc.</p>	21	1952	3.00

Item #	Title and Subject		Number of Pages	Date	Price if Available
16.	ARCHITECTURE FROM THE SCIENTIFIC VIEWPOINT by B. Fuller, from Symposium New York Univ., May 12, 1939. Reprinted by Student Publications, Vol. 3, #3, Spring 1953.	offset	4	1939	\$1.00
17.	NO MORE SECOND HAND GOD (poem) by B. Fuller, April 9, 1940. Reprinted Student Publications, Vol. 4 #1, Fall 1953. Photo p. 32, B. Fuller 270 identical strut Tension Integrity: Fuller Project Univ. Minn. Nov. '53. THE ARCHITECT AND AGRICULTURE - by K. Goldfard and J. Kina, 2 p. text, 2 p. illus. Fuller Project N. C. State College, Jan. '53	offset	9 1 4	1940 1953 1953	1.50
18.	FLUID GEOGRAPHY: A PRIMER FOR THE AIROCEAN WORLD (1st Edition AMERICAN NEPTUNE April 1944) Reprinted Student Publications Vol 4, #2 Winter 1954 with four color supplement of the Dymaxion Projection of the Raleigh Edition of the AIROCEAN WORLD MAP 24" x 36".	offset	8 with map	1944	\$5.50
19.	SKY-EYE by Margaret Lemle, reporting B. Fuller Geodesic Radio Telescope Model for Dr. Bowen of Australia. Made at Tulane Univ. Feb. '54. Illus. Student Publications. Vol. 4, #2 Winter 1954	offset	2	1954	
20.	CONSIDERATIONS OF A CURRICULUM by B. Fuller: for a Graduate School of Design at North Carolina State College as requested by N.C. State School of Design preparatory to the possible establishment of a graduate school. Student Publications, Vol. 4, #3. Oct. '54	offset	5	1954	1.00

21.	COMPREHENSIVE DESIGN II by B. Fuller, Harvard Engineering Society Bulletin, Nov. '52	offset	4	1952	
22.	Letter to the Editor of Encyclopaedia Britannica Dome airlifts result of an antici- patingly planned quarter-century Dymaxion strategy and development (See reprint 11A)	mimeo	2	11/9/54	.20

Item #	Title and Subject	Number of Pages	Date	Price if Available
23.	Letter to Griffiss Air Force Base, U.S. Air Force Research and Development Command Basic theory of B. Fuller search. Evolution of a technique of acceptance of programs of Dymaxion modifications for special government uses without loss of initiative.	mimeo 4	5/27/55	\$1.50
24.	An authoritative autobiographical letter B. Fuller. Pre-Dymaxion 1895-1927	14	1/7/55	\$1.50
25.	AIROCEAN WORLD PLAN by B. Fuller Comprehensive economic world design strategy	20 inc. 8 p. charts and illus.	June 1955	\$2.00
26.	RICHARD BUCKMINSTER FULLER TRAVELLING EXHIBIT Order of 16" x 20" photographs, plus maps, economic charts. Over 100 items 1927 - 1956	7	March 1956	\$.75
27.	Letter to Mr. X Synergetic-Energetic Geometry coordinates energy behavioral relationships	1	4/15/55	\$.10
28.	Excerpts from B. Fuller's early RESEARCH AND DEVELOPMENT OF ENERGETIC GEOMETRY	3	1944	\$.30
29.	FLOW DIAGRAM INTO TOMORROW: Prediction by Energy Economics of Post World War II industrial events. Letter by B. Fuller to Gerard Piel (now publisher of "Scientific American", who, in 1942, was Science Editor of "Life" Magazine and had introduced Henry Kaiser to B. Fuller.) "The N. W. Ayer advertising agency asked Mr. Henry J. Kaiser, 'What are we going to do with all this when the war is over?' He asked me to answer. This is what I said..." in 1942 - much of which has transpired in the subsequent 13 years.	9	11/13/42	\$1.00
30.	Technical prediction of trends consequent to energy economics: <u>energy technology</u> . Series of letters by B. Fuller written during World War II in Washington, D.C., while Head Mechanical Engineer of Engineering Division, U. S. A. Board of Economic Warfare, and later as Special Assistant to the Deputy Director of the U.S.A. Foreign Economic Administration. Total 154 pages.			\$16.00

Item #	Title and Subject	Number of Pages	Date	Price if Available
30. (Cont.)	Letter of Transmittal	1	1/10/44	
	Table of Contents	2		
	Digest of Proposal	1	8/14/44	
	To V. Thorndike, J. Walter Thompson Co. Dwelling machines in contradistinction to prefabricated house	4	7/17/44	
	STUDY OF SUITABILITY OF U.S. PREFABRICATED HOUSES TO THE EUROPEAN EMERGENCY NEEDS by R. B. Fuller. Published by U.S. Foreign Economic Administration, 1944. G-3310-nobu	91	1944	
	To K. Stowell, Editor, ARCHITECTURAL RECORD England takes the initiative in mass production dwelling	1	3/28/44	
	Speech to Federal Architects Dwelling machine defined as incidental instrument to service industry.	2	2/22/44	
	To Elmer Davis, Director, Office of War Information Publication of plans for a transcendental industry as an accelerator of war effort	3	2/9/44	
	To J. Stevens, Vice President, Guston-Bacon Co. Engineering Principles governing the design of dwelling machines and its industry; the use of rubber therein.	13	12/30/42	
	To J. E. Hains, Manager, Air Contition-Controls Division, Minneapolis Honeywell Regulator Co. Component mechanics of aircraft applied to dwelling machines	2	12/14/43	
	To W. J. McGolderick, Vice-President in charge of Aeronautical Engineering, Minneapolis Honeywell Co. Technical industry of emergence of scientific dwelling machine	10	12/10/43	

Item #	Title and Subject	Number of Pages	Date	Price if Available
30. (Cont.)	To Louis Marlio, President, French Academy of Sciences; pre-war Director, French Aluminum Cartel, now with the Brookings Institute Conversion of war-scrapped European aluminum stocks for shells for dwelling machines	mimeo 2	11/30/43	
	To Louis Marlio Specific technical advantages of properties of aluminum in dwelling machines	" 2	11/15/43	
	To Alfred Bossom, Director, British Building Mission to North America. Arguments in favor of converting England's aircraft technology to production of dwelling machines	" 5	11/11/43	
	To V. Frank Coe, Director, Office of Economic Programs Foreign Economic Administration Prognostication that dwelling machine industry instead of aircraft industry will pace emergence from present war, as did automobile industry from last war. This was written by B. Fuller in argument against thoughts propounded by Lockland Curry, Deputy Director of F. E. A. and special consultant to the White House on economic policy. L. Curry argued that auto industry should pace post-war economic development and should be fostered by government policy.	" 4	11/2/43	
	To Alex Taub, Chief Engineer, Board of Economic Warfare 1943-1944 activities, Resources Conversion Program, and Mechanical Engineering Section. Includes excerpts from the Commencement Address of Milo Perkins, Executive Director, Board of Economic Warfare, before graduating class of Swarthmore College, Swarthmore, Pa., May 25, 1942	" 9	2/1/43	
	To A. C. Shire, Assistant Chief Engineer, Board of Economic Warfare Memorandum on results of the two-day conference on Resources Conversion at Cosmos Club, Washington, D. C.	" 6	1/20/43	

Item #	Title and Subject	Number of Pages	Date	Price if Available
30. (Cont.)	To Alex Taub Only one substitution to be made - <u>How for What</u> ; a discussion of specific functions of engineering in certain phases of economic war- fare.	mimeo 5	12/31/42	
31.	PROJECT NOAH'S ARK #2 by B. Fuller The broad ramifications of the potential significance of Geodesic structures...could function as an economic and social Noah's Ark.	mimeo 23 pages charts & illus.	July 1950	\$2.50
32.	To Gyorgy Kepes, Professor of Design Massachusetts Institute of Technology, Synergetics of Design Science: co-education of children with adults as auditors	"	12/20/54	.40
33.	Form letter: "There must be no sales promotion..." Synergetic economics and ethics of B. Fuller and Dymaxion development strategy	"	1	.40
34.	To Mr. X and reply "No 'sales' or 'promotion' of Geodesic structures" Synergetic economics and ethics of Design Science strategy...policing the Design Science frontieering activities	"	5/18/56	.10
35.	Letter from Roberto Mango notifying B. Fuller of "Grand Prize" Award of Tenth Triennale of Milan, Italy, for B.Fuller's two paperboard Geodesic Domes. Award presented by a jury from 17 countries.	"	1/26/55	.10
36.	Letter to B. Fuller from Graduate Class in Architecture, Massachusetts Institute of Technology...At quarter century mark of history of B. Fuller's Design Science under- taking.	"	6/17/55	.10
37.	To D.D. Canfield, U.S. Department of Commerce World realization of dwelling machines	"	6/4/55	.30
38.	To A.O. Stanley, Editor, Dun & Bradstreet's INTERNATIONAL MARKETS World realization of dwelling machines	"	9/16/55	.20

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39.	To R. E. Cummings, Massachusetts Institute of Technology, Project Lamplight Economics of maintained initiative	mimeo	2	1/11/55	\$.20
40.	To Director of Military Personnel, Headquarters, U. S. Air Force Personnel of maintained initiative	"	2	4/7/55	\$.20
41.	INDUSTRIAL LOGISTICS AND DESIGN STRATEGY by B. Fuller, illus. published in the Univ. of Penna. Engineering School TRIANGLE Magazine.	offset	4	Nov. 1952	\$1.00
42.	To Dr. R. E. Emberson, Associated Universities, Inc. Synergetic-Energetic Geometry into Geodesic structures. Discussion of Geodesic radio telescopes up to 2,000 feet diameter	mimeo	6	4/29/55	\$.60
43.	Geodesic Structure Classification Sheet		1	April 1955	\$.10
44.	Comparative Chart of Behavior Characteristics of Geodesic Structures, Feb. '49 - Dec. '53	"	1	1954	
45.	To Brig. Gen. H. E. Watson, U. S. Air Force, Commander, Air Technical Intelligence Center Recent geodesic structures	"	4	4/11/55	\$.40
46.	VERBAL REPORT OF A STUDY ON IMPROVEMENT OF SHELTERS FOR MARINE AVIATION, "Dome Day" talk, Quantico, Va., Aug. 4, 1954 by Col. H. C. Lane, Head, Aviation Logistics and Materiel Branch, Headquarters, U. S. Marine Corps, at a demonstration before Dept. of Defense officials, news and broadcasting representatives. (see 11A)	mimeo		8/4/54	\$2.00
47.	FINAL REPORT: A STUDY OF SHELTER LOGISTICS FOR MARINE CORPS AVIATION by Col. H. C. Lane, Head, Aviation Logistics and Materiel Branch, HQ, USMC, approved by Lt. Gen. W. O. Brice, USMC, Assistant Commandant of the Marine Corps (Air).	booklet illus.	114	June 1955	\$10.00
48.	News Release quoting 114 page FINAL REPORT: A STUDY OF SHELTER LOGISTICS FOR MARINE AVIATION by Col H. C. Lane. Comment by B. Fuller	mimeo	1	6/23/55	\$.10

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49.	To Mr. X, X Aircraft Company Capsuled energetic environment valves distributed by airplanes or controlled missile, parachuted into location ready for occupancy	mimeo	3	5/9/55	\$.30
50.	News Release LARGEST RIGID PLASTIC STRUCTURE IN HISTORY, 55' Geodesic radome, two photos. By B. Fuller	"	6	8/21/55	.60
51.	To Mr. Ake H. Huldt, Commissioner General, Halsingborg, Sweden 1955 Exposition World realization of dwelling machines	"	2	1/13/55	.20
52.	To Brig. Gen. H. E. Watson, U.S. Air Force, Commander, Air Technical Intelligence Center "Minni-Earth", dynamic World Town Plan around bottom of world's airocean. 50 foot diameter MINNI-EARTH as proposed deposition and display of world data gathering of the Geophysical Year 1957-1958 (See "Schedule of B. Fuller's Lectures and Projects" Univ. of Minn. 1954-'55-'56)	"	11	4/19/55	1.10
53.	To J. L. Rodgers, Director, Molded Products Dept., Bakelite Company Discussion of favorable results accruing to industrial cooperation with Dymaxion development	"	3	1/14/54	.30
54.	To Tyler Rogers, Owens-Corning Fiberglas Company Discussion of favorable results accruing to industrial cooperation with Dymaxion development	"	3	11/24/53	.30
55.	To Walter Paepcke, Chairman of the Board, Container Corporation of America Discussion of favorable results accruing to industrial cooperation with Dymaxion development	"	3	9/19/54	.30
56.	THE CARDBOARD HOUSE by B. Fuller, Yale Univ. Architectural School "Perspecta- 2" Magazine Report on Yale University Fuller Project Oct.-Nov. '52	offset	4	1952	.40

Item #	Title and Subject	Number of Pages	Date	Price if Available
57.	Case history on a specific technique of application of general Dymaxion development to paperboard domes for mass reproduction	13	March 1954	\$1.30
	Field Trip Report to Forest Products Laboratory, Madison, Wis. 6 pages 3/23/54. Subject: corrugated paper	"		.50
	Field Trip Report to Institute of Paper Chemistry, Appleton, Wis. 5 pages, 3/24/54. Subject: corrugated paper.	"		.50
	Supplement to Field Trip Report 3/24/54. Letter from R. C. McKee, Container Division, Institute of Paper Chemistry, 2 pages, 4/27/54	"		
58.	Telegram to R. W. Porter, Editor, Board Products Publishing Company Case history of Dymaxion development	1	2/18/54	\$.10
59.	To Mr. X, X Paper Company Specific case history of Dymaxion development	2	11/15/54	.20
60.	To Mr. X, X Corporation Specific case history of Dymaxion Development. "No tricks - no intrigue. Enter by the front door or don't enter at all."	2	4/8/55	.20
61.	J. W. Fitzgibbon, Executive Vice President Geodesics, Inc. and Synergetics, Inc. to paper manufacturer. Specific case history of Dymaxion development	3	2/5/55	.30
62.	To Mr. X, X School of Art, and Mr. X's reply Ethical responsibilities of the initiative momentum in evolutionary realization of a Comprehensive, Anticipatory Design-Science	5	2/11/55	.50
63.	To Dean Buford Pickens, School of Architecture Washington University, St. Louis, Missouri Ethics of Design Science	8	1/8/55	.80

Item #	Title and Subject	Number of Pages	Date	Price if Available
64.	To James W. Fitzgibbon, Executive Vice President Geodesics, Inc. Case histories of Design Science initiative and protective actions of specific proprietary developments and technical strategies	3 mimeo	9/29/54	\$.30
65.	To Donald W. Robertson, Patent Counsel, Subject: Octet Truss Policing the Design Science frontiers	" 8	1/8/55	.80
66.	Martin Wagner to U.S. Marine Corps; B. Fuller to D. W. Robertson, Patent counsel; U.S. Marine Corps to Martin Wagner Policing the Design Science frontiers	" 1 3 1	11/15/54 Nov. '54 12/9/54	.50
67.	To D. W. Robertson, Patent Counsel Subject: outwardly tensed Geodesic tent Policing the Design Science frontier	" 4	12/6/54	.40
68.	To Mr. X, X Plastic Company Subject: radio telescope geodesic mounting Policing the design Science frontiers	" 3	11/10/4	.30
69.	U.S. Patent 1,633,702 of R.B. Fuller Stockade Building System		6/28/27	
70.	U.S. Patent 1,634,900 of R.B. Fuller "Stockade" manufacturing system, structural shape forming by air blown wet fibrous aggregate around and inside of streamlined mold forms		6/5/27	
71.	U.S. Patent application filed on Original 4-D House by R.B.F.		4/1/28	
72.	U.S. Patent 2,101,057 of R.B.F. Dymaxion Transport Unit (car)		12/7/37	Regulation U.S. Gov't. Price
73.	U.S. Patent 2,220,482 of R.B.F. Phelps Dodge Refining Corp. bathroom		11/5/40	\$.25 Each.
74.	U.S. Patent 2,343,764 of R.B.F. Dymaxion Deployment Unit (DDU)		5/7/44	
75.	U.S. Patent 2,351,419 of R.B.F. Dymaxion Deployment Unit (DDU)		6/13/44	
76.	U.S. Patent 2,393,676 of R.B.F. Dymaxion Cartography		1/29/46	

Item #	Title and Subject	Number of Pages	Date	Price if Available
77.	Canadian Patent 448,064 of R. B. F. Dymaxion Cartography		1946	
78.	U. S. Patent application filed on Fuller House Serial 655,801		3/20/46	U. S. Gov. Price \$.25 each
79.	U. S. Patent 2,682,235 of R. B. F. Geodesic structures		6/29/54	
80.	Canadian Patent 512,422 of R. B. F. Geodesic structures		1954	

81.	LIVE BOOK SQUAD The Mobile "shelf" plus a rotating reserve on home shelves of R. Fuller	15 mimeo	May 1955	\$1.50
82.	To Major George J. King, Division of Public Information, Headquarters, U. S. Marine Corps The Marines have in Geodesic domes a double-barreled weapon: one barrel for the hot war and one barrel for the cold war.	6 "	9/24/55	.60
	Letter of response from Major G. J. King, USMC	1 "	Nov. '55	.10
	Letter from Brig. Gen. F. H. Wirsig, Director of Information, Headquarters, U. S. Marine Corps Commenting favorably on "double-barrel" aspect of Geodesic domes and philosophy	1 "	11/7/55	.10
83.	To J.S. Bonebrake, Cleveland Chapter American Institute of Architects Economics of healthily maintained search and Design Science initiative	1 "	9/16/55	.10
84.	To Colonel X, X Military and Air Attache, Legation of X, Washington, D.C.; by J.W. Fitzgibbon, Executive Vice President, Geodesics, Inc. Functions of a service performed by Geodesics, Inc.	4 "	9/20/55	.40
85.	ANOTHER EVENING WITH BUCKMINSTER FULLER by B. Fuller, script for educational TV program on KETC, St. Louis Synergetic energetic education... Case history of Washington University Fuller Project "Flying Seed Pod" Geodesic Dome.	7 "	12/20/55	.70

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86.	<p>DESIGN SCIENCE by B. Fuller mimeo</p> <p>The function and strategy of effectiveness of the individual amongst the massive political and economic entities...the individual's scientific, technical and design ingenuity as the sole realizer of otherwise only "potential" wealth.</p> <p>Identification of the fundamental lever of age old politics. Present obsolescence of politics by the individually accomplished Design Science effectiveness.</p> <p>Inventory of world economic-social factors and the relationships of Design Science thereto as the only possible emancipation of mankind from heretofore fundamental inadequacies and deficiencies.</p>	11	June 1956	\$1.50
87.	<p>To Doctor Jonas Edward Salk, Director of the Virus Research Laboratory, Department of Bacteriology, School of Medicine, University of Pittsburgh, Penna.</p> <p>A Tribute...the Comprehensive, Anticipatory Designer...the Comprehensive, Anticipatory Wisdom...step-up and step-down frequency patterns..."by principle I mean regenerative behavior patterning"...conscious participation by man in the evolutionary patterning mutations of universe.</p>	7	May 1956	2.00
88.	<p>To Major George J. King, Press and Magazine Branch, Division of Public Information, Headquarters, U. S. Marine Corps.</p> <p>Marine Corps' three-and-one-half-year National Defense services lead in constituting air deliverable Geodesic structural environment controls as integral components of the spearhead weapons package...the USMC's inadvertant acquisition to their weapon: the hot and the cool war barrels (see #85). The cool war barrel outshooting the hot war barrel may dispense with need for the hot barrel... Geodesic structures on four world fronts 1956-1957 as (1) U.S. Air Force first line of National Defense at North Polar Defense Early Warning Line; (2) an international science outpost of the International Geophysical Year, at South Polar; (3) U.S. Marine Corps' spearhead offensive weapon of environment controlling in a potential swift retaliatory offensive anywhere one half way around the world;</p>	6	July 10 1956	.70

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88.	(Cont.) (4) U.S.A. Commerce and State Department's hottest outpost of the cold war in Kabul, Afghanistan at a 1956 International Trade Fair.....all the above available from the Geodesics, Inc. and Synergetics, Inc. shelf as result of one-third century individual initiative without any government or private subsidy whatsoever.	2	6/6/56	\$.20
	To Passport Division, U.S. Department of State, Washington, D.C. mimeo Geodesic domes and Foreign Policy... Case history of development and installation of two Geodesic paperboard domes at the Tenth Triennale, Milan, Italy, 1954, and subsequent international acclaim (See #13-A). In 1954 Passport Division swiftly issued passport. 1954 case cited as precedent for comparable government cooperation in 60-day production, air-delivery and installation of 100' Geodesic dome as U.S. Pavilion at 1956 International Trade Fair, Kabul, Afghanistan.			
	To Robert Warner, Director Southeast Asia Branch, Office of International Trade Fairs, U.S. Department of Commerce, Washington, D.C., by James W. Fitzgibbon, Executive Vice-President, Geodesics, Inc. The Royal Afghan Ambassador to U.S.A., an engineer by education, expresses spontaneous enthusiasm for 100' Geodesic as U.S.A. Pavilion at Kabul's International Trade Fair of 1956, thus validating assumption of many Geodesic supporters that Geodesic structures would be welcomed as a fundamental inclusion in U.S. industrial statesmanship.	1	6/12/56	.10
89.	To D.W. Robertson, Patent Counsel Discussion of difference between tensily and compressively exaggerated structures...Discovery of tensional function of universe as finite and comprehensive to an infinity of included and reciprocally accommodating islands of compression...Relative flexibility of structures predicated upon relative dimensional magnitudes in respect to radial and circumferential events...Hierarchy of structures within structures -- men do not build structures with "materials", men do employ sensorially apprehendable modular dimensioning in formulation of	7	12/9/55	.70

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89. (Cont.)	persistently regenerative systems (structures) by employment of infra-sensorial persistently regenerative systems (structures - chemical) whose regenerative principles are taken from the hierarchy of persistently regenerative systems operative infra and ultra as well as within the sensorial frequency spectrum of man's perceptive tuneability.			
90.	THE FULLER RESEARCH FOUNDATION by B. Fuller The origin and progressive phases of Comprehensive, Anticipatory Design Science originating in 1927 as 4-D, and developing in 1928 as Dymaxion, and in 1946 as Fuller Research Foundation...its objectives and unique functions.	mimeo 5	1950	\$.50
91.	INVENTORY OF PRINTED OR MIMEOGRAPHED ITEMS Written Between 1927 - 1956 by R. BUCKMINSTER FULLER or his Close Associates Concerning His Philosophy of COMPREHENSIVE, ANTICIPATORY DESIGN-SCIENCE and the Technical Strategy of its Economic Realization and Socio-Industrial Assimilation	17	June 1956	1.70
92.	INVENTORY OF REPRINTS AND OVERRUNS OF PUBLISHED ITEMS CONCERNING R. BUCKMINSTER FULLER, Dymaxion, Geodesic Structures, Synergetic Geometry, Fuller Research Foundation	5	June 1956	.50
93.	COMPREHENSIVE, ANTICIPATORY DESIGN SCIENCE by B. Fuller Outline of a one-third century experiment.	6	6/22/56	1.00
94.	To Dean X, School of Architecture, X University Conditions governing possible university or other engagements of B. Fuller: legal, economic, ethical...philosophy and strategy governing initiation of industrial prototyping in entirely new classes of complex end productsstrategy of initiation of self-discipline leading to effectiveness as comprehensive prime designer or associates of the latter, or a comprehensive, anticipating design scientist.... the looming ethical requirements of effectively cooperative comprehensive, anticipatory design scientists.	mimeo 8	6/30/56	.80

Item #	Title and Subject	Number of Pages	Number of Pages	Date	Price If Available
95.	<p>News Release: Design Aims - Home Style Research Foundation. Geodesic Dwelling</p> <p>An ecological experiment... an evolutionary change in B. Fuller strategy of development of controlled environments... strategy of development of the invisible seclusion of a comprehensive environment control and the subconsciously operative organic services.</p>	mimeo	4	6/30/56	\$.40
96.	<p>To Sam Chambliss, Chambliss Publication Service, Severna Park, Maryland</p> <p>Definition of the Comprehensive Prime Designer...description of the functions and experience patterns which clearly distinguish the physical species formulated by comprehensive prime designers... differentiation of craft and industry characteristics, clarification of borderline cases...Fuller's strategy of designing a new industry and elevation of borderline craft industry structural functions to advance high priority industrialization... tendency of small percentage of unbalanced personalities to join up with pioneering activities at early stages for personal exploitation of dramatic prescience as personally harvestable and certainly surprising within their personal community. Fortunately this percentage of early joiners is small but annoyingly diverting to the comprehensive prime designer. If weathered, the annoying factors tend, however, to fortify the comprehensive prime designer with theretofore non-adequately anticipated fundamental factors and appropriate anticipatorily disciplines dealing with generalized cases and large and complex psychological factors of which those specialized cases are at the roots.</p>	"	9	7/13/56	.90
97.	<p>Waterocean and Airocean Worlds - with two maps. Differentiation between the fundamental "grand strategies" governing main economic exploitation of his progressively established abilities to master these two oceans. The fundamental reorientations are so epochal as to cause one to be namable as the "Old World" and the other as the "New World".</p>	offset	4	July 1956	.50

Item #	Total and Subject	Number of Pages	Date	Price If Available
98	AIR OCEAN World Planning and 4 page folder of Mimeo-sketches by R.B. Fuller and photo of Geodesic Dome External Airlift by two U.S. Marine Corps Helicopters	mimeo & offset 5	July 1956	\$.75
99	Copy of Cablegram to James Fitzgibbon from John Dixon in re Geodesic Dome - U.S. Pavilion at Jeshn Trade Fair Kabul, Afghanistan	mimeo 1	Aug. 25, 1956	.10
100	Letter of Tom Hall Miller, American Embassy - Kabul, Afghanistan - in re Jeshn Trade Fair.	offset 1	Sept. 13, 1956	