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Eliel Saarinen and Raymond Loewy: Immigrants and Indigenous Design Innovation

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Eliel Saarinen and Raymond Loewy: Immigrants and Indigenous Design Innovation

Lisa S. Banu, Ph.D. Design History













Eliel Saarinen at Cranbrook

Bloomfield Hills, Michigan

Cranbrook Dining Hall Window

Demonstrates Principle of Organic Design

Whole has the appearance of consistency but parts deviate (the window metal tracery in this example)



THE LEADING THOUGHTS OF THE CRANBROOK DEVELOPMENT

Education is not only the teaching of knowledge, but above all the planting of the seed of a lifelong accumulation and digestion of knowledge - through self-education. The earlier the proper seed is planted in the young mind, the stronger will its roots be, and the more fruit of a true Culture will it bear.

However, the young mind cannot be receptive for Culture in its truest sense unless the eyes are opened, for the first: to see the richness of Nature, to desire for understanding of her construction, oganic life and inner meaning; and, for the second: to learn to understand and appreciate human art as a true expression of human life. In other words: the mind must learn to dwell with the problems that belong to the realms of Science and art. Science is the investigation of existing values that are created by Nature. Art is the creation of new values during the progress of human evolution. The principles that govern the construction and the evolution in Nature are made evident through Science. And in understanding the principles of "Nature's art", one senses the stronger - those of human art.

"The Leading Thoughts on the Cranbrook Development"

Saarinen's Mission Statement for Design Education, 1925

Director. Cranbrook School, Birmingham, Michigan.

Mr. Eliel Saarinem, My dear Saarinen: Would you write to me such a letter concerning the Fellowship that I might show it to people who could help with the buildings and industrial equipment of the School? If these people felt that ten worth-while architects thoroughly approved and would like to see them help it might smooth our way a little, because I imagine many material men and manufacturers fear that were they to commit themselves to a radical architects venture like, this they might atagonize the "field" and refuse.

> I am sending a request similar to this to the ten architects I consider leaders whom the others follow.

Needless to say I should deeply appreciate a candid expression from you in any event.

Frank Lloyd Wrig Taliesin, Spring Green, Wisconsin, August 30th. 1932.

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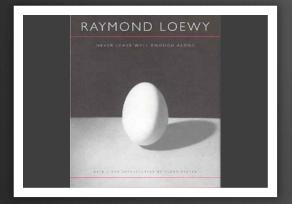
Letter from Frank Lloyd Wright, April 30th, 1932

PRESENT RATE OF SALARIES & EXPENSES

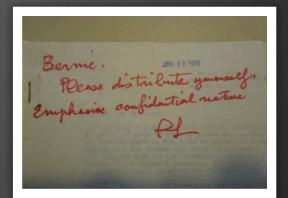
Jan. 1, 1934 - to July 1, 1934

P	er Month	Per Year
Mr. Milles	400.00	4,800.00
Mrs. Saarinen	100.00	1,200.00
Rentals	70.00	840.00
Tuition (children)	13.55	162.50
Watchman (& uniform	60.00	720.00
Insurance	99.04	1,188.48
Mr. Saarinen	600.00	7,200.00
Mr. Raseman	400.00	4,800.00
Wingerden	100.00	1,200.00
Office Supplies	35.00	420.00
Telephone and Telegraph	57.00	684.00
Printing and Publicity	50.00	600.00
Traveling Expenses	3.00	36.00
Repairs and Maintenance	0.00	
Black	110.00	1,320.00
Bell	83.33	1,000.00
Witt	83.53	1,000.00
Materials	56.66	680.00
Alterations to buildings	10.00	120.00
Maintenance of Grounds	55.00	660.00
Auto Service	25.00	300.00
Heat, Light and Power	340.00	4,080.00
Water	13.33	120.00
Librarian's Salary	83.33	1,000.00
Library Supplies & Expense	6.60	80.00
Rebinding and Repairing Books		
Photo Department	80-00	960.00
Books and Magazines	50.00	600.00
Museum Salaries	15.00	180.00
Museum Acquisitions	15.40	185.00
Sepeshy	133.33	1,600.00
Fredericks	41.70	500.00
Loan Fund	90.00	1,080.00
Exhibitions and Entertainments	50.00	600.00
Academic Department	60.00	720.00
Detroit City Plan - Salary		
and expenses	75.00	900.00
		\$41,535.98

Salaries and Expenses 1934













Raymond Loewy

Hagley Archives, Delaware



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AKRON, OHIO BEACON JOURNAL Circ. D. 137,893 - S. 142,171

MAR 21 1951 SYDNEY J. HARRIS

Loewy's Bragging Spoils His Be

FORT WAYNE, IND. NEWS-SENTINEL Circ. D. 81,292

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INDUSTRIAL DESIGN

A NEW ART FORM .

FIRST DRAFT OF A BOOK INTENDED FOR YOUNG PEOPLE INTERESTED IN THE 1.D PROFESSION

1968

Nagar Wair Con.



PREFACE Explain early life . Bazining of corner. What I.D does for the world, for the standard of living, for improvement of the public a tester, for consumere, To make like essist. 15 years. If so, 100% of all scientific and Technological advancements occurred since 1937 (chech) (1946 to 1966 Persign name) a quet pernter, a good sculptor, of orestonan of gains greate that mostagueces through shear talent and aesthetic autunition This does not opply to holustrial design, a nuccessful design in this new art form is the endresult of ... - with (hossit from any mainling proces) INTRODUCTION In many paragraphs the evolution of the Ponfession is assertated by grounds from my own argumention. The mount is samply that my own experiences are von auch those of other my. colleagues, and that it applies to atter countries as well. Builder It enobles me to give facture accounts board upon design realities and actual experience. There shall be allustrations from 1.0 products from ather Countries and frate leading dissigner from leading american and ather designess. In ather words, I shall endereum to proposite what I. I have to demonstrate what is fundative design and why its flats upon the cution all my to villeuse covers the entire world effects. But wounder to do so I must present thet only its beneficial tilenter but also its mistakes. Thus we can realistically appraise its real contributions Considers, even if he stays, there are serious chances that our fossition may deteriorate further and foster. That is where I will have to be must careful. I must try not to let every cent I have go down the drain trying to pluy butombs holes. It wouldn't take long for me to be writed out.

but all this would have to be done without Bill as leave. I have no chart in the last of what Barney would be would be as a single of the start of the start of the start of the start of the series of the start of the series of

another prosibility is that if a menger, with such from as I and M for instance, they are very strong in selling which is an weakest point. Our business is imputant, about Twice their volume, I am told, therefore it could be very desirable to them. So it might be wanterble and I would like you to give it a thought, I understand that I might see may income reduced (even if the business of the new see my income reduced (even if the business of the new

Personal letter dated 1958, describing plans for the possible liquidation of RLI Hearst's International Combined with

HERBERT R. MAYES Supervising Editor RICHARD E. BERLIN President

FRANK ELTONHEAD Art Editor

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August, 1950

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T HOME WITH MOHAMMED JOHN KOBLER
HE TWO-WEEK PLAN FOR WINNING A MAN MARY JANE SHOUR
ROM LIPSTICKS TO LOCOMOTIVES RAYMOND LOEWY
The state of the s
EATURES





Mr. Loewy says: "When the ordinary American cook attempts complicated recipes, it is time for a quick exit or sodium bicarbonate."

FROM RAYMOND LOEWY'S RECIPE BOOK

CHAMPAGNE AND PEACHES: Place a nice juicy peach, previously peeled, at the bottom of a tall glass. Half fill with cracked ice, and add a jigger of Grand Marnier, Crush the peach slightly, and fill the glass with iced champagne. Drink while very cold.

COFFEE CARAMEL SAUCE: Take a pound of granulated sugar, 1/4 lb. of butter, 2 pints of heavy

cream. Place in copper pan, blend well, and let cook cream. Place in copper and let cook until it reaches the consistency of fudge, Add a table. until it reaches the ton.

specific and a half cup of very specific and a half cup of very specific and the spoonful of real values a while. In order to very strong coffee, Let simmer a while. In order to test the strong collee. Let shim to be strong consistency, pour a drop on a buttered plate and feel consistency, pour a drop on a buttered plate and feel consistency, pour a urop out to prace and feel with your fingers. It should be quite firm but not with your fingers, garantels. Sauce should but not with your inners. It is a sauce should be served and bard—like chewy caramels. Sauce should be served rather hot over good vanilla or coffee ice cream.

SHERBET: Prepare a mixture of 1/2 apricot nectar, SHERBET: Thepare 1/2 pineapple juice. Add plenty of good champagne, a dash of fresh lime juice, and freeze in an ice-cream freezer. It is delicious,

Another simple recipe for anyone interested in a demonstration of complete happiness in this world of ours. I use it quite often and find it refreshing:

Take a good-size live dog fast asleep, preferably an Irish setter. Place gently, as close to its nostrils as possible, a large chunk of liverwurst. Sit back and

Stage One: At each intake of breath, the scent of the sausage slowly permeates the unconscious brain of the subject until it reaches the boundaries of semiconsciousness. Then the nostrils begin to quiver

Stage Two: Lashes begin to flutter, saliva oozes out and breathing evolves into sniffing.

Stage Three: Subject suddenly realizes the reality of the dream and in a violent convulsion lunges at morsel and swallows in one gulp.

Stage Four: This final stage is the most interesting one for the expert to watch as it greatly varies according to individual dogs. Setters ordinarily express their utter bewilderment by sitting up and staring blankly-unable to decide what to do next. They remain there, unconvinced that such ecstasies exist outside the world of dreams,

recognized for well over fifty years as the classic treatment for hepatose, are in reality too familiar to require enumeration. Among its well-known properties are its action as an anti-toxic-desinterocolic vehicle for the arto-ami-benzo-steral contained in-"

It then proceeds to enumerate, in three thousand well-chosen words, the well-known properties of ZA-ZAPAR. It is cute reading for places where reading matter is scarce, such as bathrooms. The literature is usually available in the medicine cabinet of the

Modernistic furniture is one of the many everyday commodities that need the attention of intelligent designers. Do you like modernistic furniture? Can you live happily with it? Good, I am delighted for you, and it satisfies me no end—as a modern designer and as a modern man. As far as I am concerned, it makes me sick, and I'd rather live in a thatched-roof cottage on Cape Cod. There is nothing worse than bad modern. Bad modern represents about ninety per cent of the output, and it is tragic-tragic and unfair to the multitude of young, contemporary Americans who yearn to be up to date and to live

with their times. Young married couples who consider past styles as dead and who courageously invest a great part of their savings in modernistic furniture are poor, misguided kids who discover in a few years that there is no style deader than bad modern. Then it is too late; they are stuck with the dreary stuff. They have traded their precious savings for an arty mess of module-system junk. The module system is a wonderful idea of the bright avant-garde of contemporary designers. It is also called flexible furniture. Every piece, whether a commode, a bookcase, a bedside table, a buffet, a desk, or whatever, is of a same, standardized dimension, or module. You can permute, arrange, and combine the units any way you like. People of imagination and physical restlessness can juggle the pieces around in infinite variations so a poor setup can be transformed in a matter of minutes into another layout just as poor. I have seen countless versions of the masterly flexible furniture, and I must say that it all has a feeling of dreadful sterility.

It is a pity that there are so very few good pieces available, for we can't go (Continued on page 114) decided to have a truly utilitarian bed-room in his New York apartment. Re-duced to essentials, a bedroom need not be large. It should comprise a bed, a chair, a door, and a window. Torben liked to read in bed. So he took a room the size of a large closet and painted it all in white-enamel paint. The floor was waxed, and the window had frosted glass. In one corner was a hospital bed lacquered in white, crank and all. A dentist's floodlight projected a cone of bluish light over the exact spot at which en would hold his reading matter. operating room's tubular stool, also white

I saw it once and felt depressed for

This poor dear, a delightful young Swede, disappeared during the war while crossing the Pacific aboard a transport One day he could not be found anywhere. Strangest of all, every single-piece of his clothing, personal effects, equipment, and weapons had vanished too, and no one had any idea of what had happened. A most functional disappearance.

To sum up this modern-furniture business, I think most of it is awful. I know this statement may get me into pienty of trouble. All I ask from my potential executioners is the favor of not being quoted out of context. I am all for modern-design furniture in theory. I own many delightful examples of it, and my only regret is that there is so intitle that is any good. Bad modern is just as ugly as the revolting type of furniture that the trade calls "borax." r'or the reader unfamiliar with it, let us say that borax is sold in enormous quantity throughout the country by cneap furniture stores, Heavy-handed in design, overstuffed, gaudy, and over-styled, it is the essence of furniture vulgarity. Almost always covered with loud, sleazy fabrics, it is loaded with golden curlicues and polychromatic reliefs and usually sold to the lowest-income group in staggering quantities. To many recently arrived immigrants, still obsessed by tne misery of their desolate backgrounds, it represents materialistic splendor. They ouy the stuff ravenously; take snapshots of the family, sunk in upholstered American luxury, and mail them to the Old

To me, bad modern is just as horrid as borax, whether its perpetrators like it or not. Let's hope that someday the designers of modern furniture will think of it in a different vein-in terms of gracefulness and charm; pieces that will belp make the home a cozy place to live dissection lab or a dog hospital, but more

As for lighting, could we have it less engineeringly perfect? Could we retain pales of penumbra, realms of firelight and golden halo? Let's have contrasts, coziness, and warmth.

To realize fully the extent of the fluorescent catastrophe, one has only to travel to Latin America. I am thinking of a small village in Havana I revisited after ten years. It used to be delightful, especially at night when the colorful fruit shops were aglow with blond light. It was sunny and gay. Every color retained its brilliance. It was an orgy of saffrons, apricots, mandarins, and magen-

on living forever with poor copies of Chippendale, Sheraton, or French Provincial. pendale, Sheraton, or French Provincial.
What we need are a few inspired designers with far more than a system, or a knowledge of modern materials and technology. The prime requisite is an understanding of charm, of the so-called amenities of life, a flair for the human, instead of a dryly logical concept of home surrous areas talent in this direction. signers have shown talent in this direction, and several Scandinavian artists have grasped the idea. Unfortunately, the latter's Nordic creations do not seem to blend well into the stream of American life. They look best in Oslo, in Jönköping, in Malmö. In Philadelphia they are lost; in Little Rock they are poison.

NOTHER pitfall into which some of the A modernistic decorators have fallen, with an acceleration of three G's, is bad lighting. Being rational gentlemen, they have decreed that illumination, in order to be logical, must be evenly distributed, without high lights or shadows; in other words, it must be diffused. So we have been flooded with that dismal invention called "daylight fluorescent lighting." This unfortunate discovery produces a ghastly bluish halo that makes any healthy person look absolutely livid. When it is used in a white kitchen with all-white equipment, you expect to see Daddy stretched on the white-enamel table ready for the post-mortem. Junior seems to have caught a bad case of bubonic plague, and Mother looks ready for the embalmer. The steak, when served, appears very, very gangrenous. Coffee is horrid, and the mashed potatoes are a mass of blue-gray putrescence. It is all efficient, ghastly, and logical. How-

The living room is flooded with the The living room is flooded with the same fluorescent lighting, and the regimented module furniture stands at attention—all chrome knobs bright subtions. Chairs are rigidly functional and covered with some orange or poion-green fabric as a tribute to color. A low-coffee table with spindly legs and an experiment of the color of the control of the color of amoeba-shaped top introduces the freeand some work of art. Probably an elongated black panther, Or it may be a Nubian slave in gold turban ecstatically proffering another black ashtray.

Cubistic bookends keep Forever Amber.

and the Manatee from falling over each other under the standardized stare of a Van Gogh in lithograph. (There is an-other Van Gogh across the room—the ineluctable sunflowers in a white frame.)

From a theoretical viewpoint, the lighting is perfect: no shadows, no eye-strain, no dark areas. The furniture is strain, no dark areas. The turniture is efficient: all drawers, all shelves, all closets; no wasted space, no unnecessary projections. The heating is perfect, too No wasteful fireplace, but a diffused, evenly distributed temperature. No warm glow, no cool corner. Everything has been levelized at its logical base, reduced to its simplest technical expression. It is a wonderful machine to live in

BEFORE the war, I had a topflight Swedish designer. He had exquisite taste, and he designed many lovely things for us. However, once in a while he would go on a functional binge that would lead to extraordinary results. He

tas. It sparkled with joy. Now the whole village is standardized to the level of lividity, like other villages of Peru, Nicaragua, Chile, and Venezuela. The sliding-rule gents have done their damage. I doubt that their souls will ever fluoresce in peace.

ITTLE, if anything, has been written This is one of the most fascinating aspects of the new profession, and one to which I often attract the attention of our designers. The sensory aspects of the normal human being should be taken into consideration in all forms of design. Let's take the perfect Coca-Cola bottle, for instance. Even when wet and cold its twin-sphered body offers a delightful valley for the friendly hold of one's hand-a cozy and luscious feeling. It is interesting to watch the almost caressing, affectionate manner in which the average teen-ager fondles his Coke

Or you may watch his daddy holding in his gently cupped hand the lovely globe of a snifter brandy glass. He warms it up lovingly, firmly pressing the stem against the sensitive inner part of his forked and outstretched middle fingers.

Chewing gum is another example. After a few minutes, the gooey mess loses practically all its flavor. Yet the addict keeps on chewing it for hours. This may act as a release from some sort of frus-tration. Under the masticator's deliberate and masterly will, the resisting body of chicle finally yields and flattens out into complete subservience, and this pleasant victory occurs at the rate of thirty defeats every minute. A defeat that is cruel,

under the pressure of the master's crushing molars. Each mastication is an assertion of victory over animated matter. One might almost say "living matter," as chicle possesses a combination of mal-leability, warmth, moistness, resiliency, and intimacy of contact.

These and many others are examples of sensory designing of sorts. All happen to be very successful products.

Sensory design can go too far, however. Take, for example, the new types of de tion between New York and Florida in about 1940. These trains included the latest type of coaches, with re-clining seats that were very comfortable. The armrest between seats could be folded up, and when two seats were fully reclined they became, more or less, a double bed. After a while, it turned out that many young couples had discovered this characteristic-what with a nice dinner, a few drinks, the prospect of sunny Florida, the lights off, and the friendly cooperation of a fur coat spread out fully!

Before long, the railroad found in its mail numerous letters from shocked passengers who objected to this unadvertised form of travel comfort. So we had to install an electric light bulb under every other seat; a type that could not be conveniently turned off by the amorous

YNDOUBTEDLY that persistent light is a desirable inconvenience, but not so most of life's little annoyances. Maddeningly enough, most of them could be ironed out immediately, with no help from the industrial designer, To list a

Ayres Lafayer .invites you... Come to see Lafayette's newest department store—Ayres' Lafayette in the new Market Square Shopping Center—opening tomorrow at 11 a.m. Come to see one of the most beautiful stores in the country—with interior plan and decor by Raymond Loewy of New York. Come to see a wonderful array of fashions and furnishings keyed to casual livingfor men, for women, for juniors, teens and children, and accessories for the home. Come to shop for at Ayres' Lafayette shopping is easy, shopping is fun. Our watchwords: the famous Ayres' traditions of friendliness and courtesy, integrity and service. A Guide to Ayres' Lafayette

1972 Opening of Ayres Department Store From Scrapbook

Raymond Loewy and The Bittersweet Taste of American Design

low to cook like a	How to consume like a	Raymond Loewy	How to Design
esigner?	designer?	Recipes	New dishes?
1. Why have a Chapter on Cooking?	Design and Philosophy	1. Sausages	Recipe Rescue and
Recipes in Ladies Home Journal		2. Candy	Developing New Recipes
 Appeal to women? 	Historical Culinary Metaphor:	3. Cake	
- Project lifestyle?	Adolf Loos	4. Ice-cream	Smithsonian 1975
		5. Daiquiris	Dave Butler Memo 1976
2. Reviews of NLWA	Metaphorical Method of Design	6. Lipstick	Industrial Design 1979
	Lakoff and Johnson	7. Army Barracks	1968 Unpublished Text
3. Interpretive problem		8. Mayo over peaches	
	Contemporary Design Uses	9. Burgers	Critique of Loewy Legacy
4. Different from Design Theory	1. Jerszy Seymour	10. Strawberry Shortcake and Cold	Victor Papane and Gui
(MAYA principle)	2. John Maeda	spot 1934	Bonseippe
Interpretations of design theory	3. Steve Jobs	11. Trashcans and Trains 1937	
		12. Helen Peter's Eyelashes and the	
5. Different from Design History	Philosophical uses of digestion	MAYA principle	Task: Design your dish.
(personal history and motivation)	metaphors	13. Swiss Cheese on Rye	How do you digest life?
	1. Baudrillard		
6. Interpretation of historians	2. Zizek		Lesson Plans
	3. Bennett		
			Shortcake in Dhaka
	Food examples demonstrate:		
	A. The priority of experience over		Consuming Modern Desig
	theory. Continuity of aesthetic,		
	gastronomic and literary taste		Personal Enthography
	B. Shared dishes and experiences		1. Use of culinary metaphor
	personal preference versus shared		cross cultural method (Loe
	metaphorical taste.		in Dhaka)
	Loewy's Recipes for success [and failure]		2. Use of culinary metaphor
	ianuicj		as inspiration (consuming modern design)
			3. Experience design and
			multisensory issues of taste

Future directions....

Pappy:

Eliel Saarinen's Design Strategies and Organic philosophy

Refrigerators (and Blenders):

The Cold Case of Designing the Modern American Woman

National Museum of American History Archives, *Appliance Recipe Collection:* GE, Frigidaire, Sears, Hamilton Beach, Sunbeam etc.