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The Emotional Side of Mercedes-Benz Swatch's Flair for the Provocative Zip Puts the Zip Back into lomega

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Volume 2, No. 2, Fall 1996

Putnam's Lawrence J. Lasser on Design

Hear what the CEO of one of the nation's has to say about design.

The Right Stuff

lomega gives true meaning to the term to hold all your "stuff."

2

Design Time

After the Swiss watch industry fell on hard

The Language of Visual Metaphors

Try this fascinating abstract painting exercise to find out what you really think.

22

Driving Emotions

A recognized leader in automotive luxury and engineering, Mercedes-Benz focuses on emotional satisfaction in its new car promotions.

Ten Tips for Writing an Effective Design Brief

To get a design project off on a solid footing, corporate managers should provide a design brief. Here are ten tips on what to include.

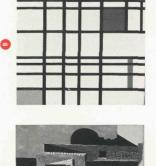


Design and Business Classic

Often called the most successful packaging

fear along perforation. Fold, add postage and return to the Corporate Design Foundation.

Please tell us about yourself:



the following questions about the

please use this card to answer

Quiz Response Card

paintings (see page 16), and tell us about yourself and your company. Responses will be tabulated

and reported in the next edition

of @ Issue.





Department Job Title

> represents a different airline. Which one do you 2. Now imagine that each of the paintings choose to fly with, and why?

organization you actually do work for? 3 Which picture represents the

hese companies. Which one do you choose to work 1. You have three job offers, one from each of for, and why?

candidate for President of the U.S. Which one would 4. Imagine each of the paintings represents a /ou vote for, and why?

Approximate Annual Revenue

Country

State

City

Country of Birth Age (Optional)

Sex (Optional)

Location of Corporate Headquarters

Approximate Number of Employees

Type of Business

Please tell us about your company:

reating a brand. Extending brands. Repositioning brands to address a changing marketplace. These are all business challenges that are often addressed by design – and covered in this edition of *alssue*. Our CEO A interview with Putnam Investments' Zes Lawrence J. Lasser talks about why financial-services companies are paying more attention to design. Then read about how Mercedes-Benz is reshaping its marketing message for the youthful, baby-boom generation. Find out why necessity forced the invention of low-cost plastic Swatch wristwatches, and how design 1 excellence keeps the company ticking. Want ten tips on writing an effective Design Brief? Turn how the Zip drive to page 30. Then learn, technology-driven changed Iomega from a niche supplier into a customer-focused company for the portable computing market.

Putnam's Lawrence J. Lasser On Design

President and CEO Lawrence J. Lasser has not only led Putnam Investments to top performance in management of more than \$150 billion in mutual fund and retirement assets, he has recently overseen the redesign of its headquarters and corporate literature. Here he is interviewed by Peter Lawrence, chairman of the Corporate Design Foundation.

s CEO, you have championed quality design at Putnam. Could you explain why you feel design is important?

To be a truly great company, it is necessary to be world-class in everything you do. Not merely at the front line where customers see you, but in everything. What we say to clients about who we are is reflected in the look of our letterhead and advertising, in the look of our offices and in the way people are treated as professionals. The office environment is an important element of the image a company projects to the outside. What is often underestimated is the image projected to our own employees – which employees, in turn, project back to customers in their pride and enthusiasm. This image also influences a company's ability to attract new people.

You recently hired an architectural firm to redesign Putnam's headquarters in Boston. Could you comment on your design brief to them?

We talked about our personality as a firm to Elkus Manfredi. I said that I wanted to project it and advance it, but I absolutely did not want to do anything different from what we are. I wanted people to walk in here and capture the spirit of the company in the way it looked – not to misrepresent ourselves, not to be something we weren't, not to make architectural statements that said more about the architect and designers than it did about the company.



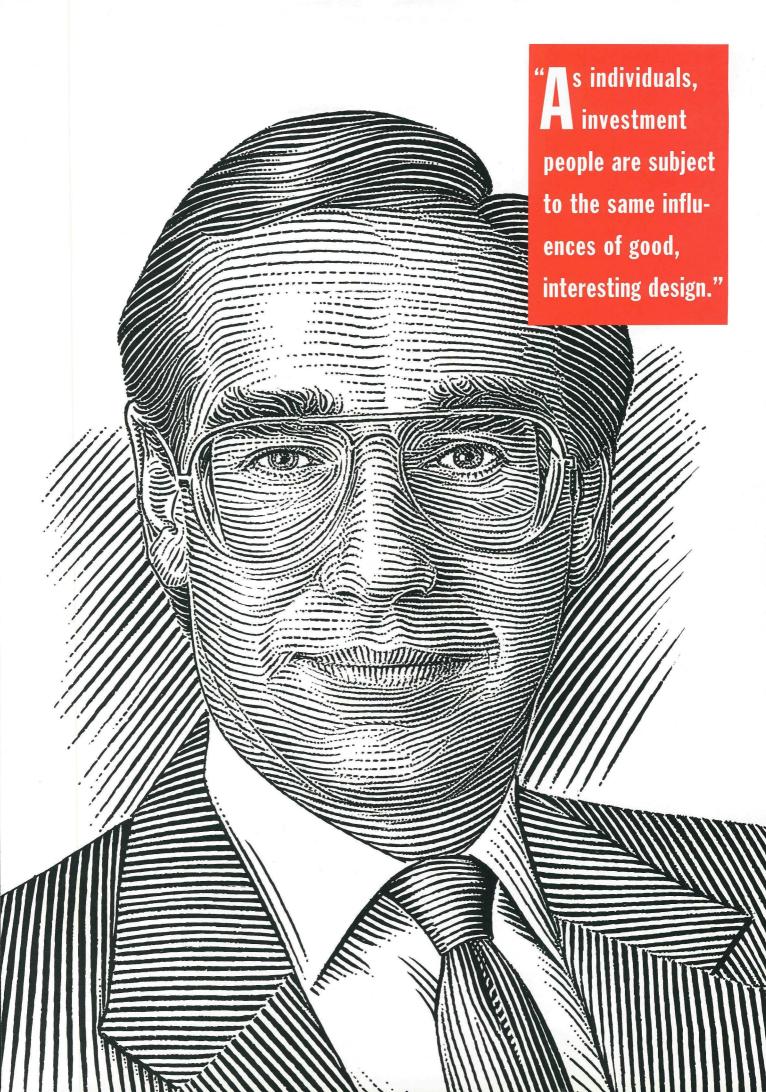
As president and CEO of Putnam Investments, Lawrence J. Lasser is responsible for one of the nation's oldest and largest money management firms, handling equity and fixed income investments, both domestically and internationally, for more than six million individual and over 450 institutional clients. Joining the company as a security analyst in 1969, he worked his way up through the ranks, becoming CEO in 1985. Prior to Putnam, he had served as a research associate and faculty member at Harvard Business School.

How does a company find a design style for itself?

In the course of my business life, I have visited many corporate offices and have seen countless examples of people trying to be what they are not in their design. Around Boston, many try to duplicate the English club look. I think it is important that we first articulate what we are and then try to design around that personality, rather than take a design and say "maybe people will think we're old conservative Yankees." We have that in our heritage and are proud of it, but that is not what we are today. With few exceptions, including Putnam, the financial sector has paid little attention to the design of its communications

materials. Why has that been the case?

Historically, financial services have had an overwhelming emphasis on investment results as the driver of everything. That is No. 1, and everything else is secondary. Only in recent years has marketing, as it is broadly defined, been introduced into financial services. There have been one or two exceptions – American Express, Merrill Lynch, Fidelity maybe, but in general, marketing has been absent. It's an industry that has been driven by investment professionals and secondarily by sales people. You sold and you produced. Marketing slipped through the cracks. Sales people perhaps didn't have a refined understanding of the elements that go into communications, including design.



What prompted the financial services sector to pay more attention to marketing and design in recent years?

Competitiveness and the growing size and profile of the industry. Not so long ago, people who saved and invested typically bought 100 shares of this, 100 shares of that. Now those traditional investing habits have been displaced and replaced by mutual funds. The mutual fund industry, which used to be very small, has literally exploded in size and become more competitive. In an increasingly crowded market, communications and advertising become ways to rise above the crowd and distinguish yourself.

Has the proliferation of

company-sponsored 401(k) plans had an impact?

This is a big growth area. Employee communications are an important aspect of company-sponsored 401(k) or defined contribution plans. A company will contract with a supplier like Putnam to manage its 401(k), but then it has to communicate with employees to explain its plan and encourage them to participate. One way that we acquired the wonderful list of clients we have is by demonstrating our communications skills, in the form of written materials, videos and other means,

In the investment business are there legal constraints that work against effective design?

Yes, one example is the prospectus, issued by publicly held companies as well as mutual funds. This is a fascinating communications dilemma in our business, and a universal problem. The prospectus is overwhelming. It's the most boring, ponderous thing to read. Yet its contents are largely mandated by

n an increasingly crowded market, communications and advertising become ways

you disclosure on fees, historical performance, etc. Even most people at Putnam can't make much out of these prospectuses. We know, anecdotally and statistically, that the overwhelming majority of people do not read the prospectuses. They discard them. Even so, mutual funds must mail shareholders a prospectus not only before they purchase a fund, but annually. We spend millions of dollars in terms of legal, printing and postage costs doing these things.

Are regulatory agencies trying to remedy this?

The SEC and regulatory agencies are constantly battling over how much to say. One theory is that the more information you make available, the more informed and riskaware the investor. The other supports summarizing and saying less in the hope that people will actually read the prospectus. There are some good experiments underway, but the typical product is still the traditional one.

The prospectus is a dilemma of design, presentation and communication weighed against degrees of disclosure. There's a real opportunity here to persuade the government to make changes, but in fairness to them, there would surely be cases of people cutting corners if too much flexibility was allowed. It might lead to

> misleading disclosure. It's a big problem.

What were the reasons behind Putnam's recent redesign of its communications program?

With our growing range of products and the great growth experienced by our industry, it was becoming increasingly difficult to differentiate ourselves. The intermediaries, brokers and financial advisors who recommend our products and

law to give investors the legal assurance of full disclosure. The purpose of the law, to me, is valid and necessary. It protects investors in terms of a level playing field by ensuring that everybody understands what they are buying. Today nobody can file a lawsuit and say he didn't know because it's all there somewhere. But try to find it. If you attempt to be creative, you violate the standards. Creativity is not allowed.

On the mutual fund side, the law says that a stockbroker cannot call up and persuade you to buy a mutual fund without first sending you a prospectus that gives

to rise above the crowd and distinguish yourself."

> receive our sales material were being overwhelmed with competitive materials. This made it all the more important that ours stand out, not simply as provocative design, but as workman-like sales tools that would enable them to do their jobs more easily and with greater ability to give their customers an understanding of what they were doing.

What was the scope of this project?

We had approximately 70 funds when we initiated the redesign project. Today we have nearly 90. Each requires us to do annual and semi-annual report mailings

to our shareholders. We also develop packages of sales support materials. These are not unique funds; they can be grouped into categories. We needed an integrated design program. Initially, we thought of the design as packaging, but our designers showed us that we were talking about content as well. I don't think we totally understood this at first. Carbone Smolan Associates, the world-class designers we hired, helped us understand that we needed

a more comprehensive program. If Putnam was to have a new look, we had to go beyond mutual fund literature and first talk about our logotype and bring more parts of the company into an integrated look, so that we could project a consistency and rationale for what we were doing in all our markets. The design didn't need to be identical, but it needed to be consciously related.

"The prospectus is a dilemma of design, presentation and communication weighed against degrees of disclosure."

Have you been able to measure the program's success? It's hard to measure except anecdotally, but it's been very successful. People comment on the literature. They notice it. They use more of it than ever before, and customers react favorably to it.

Can you comment on corporate annual reports? Do you think your analysts and fund managers are influenced in their decision-making by their visual

> impressions of the material? As individuals, investment people are subject to the same influences of good, interesting design. Maybe more so than other people, typical analysts are inundated with materials – some things they have to look at because it's their job, but there's a lot that is discretionary. Like a welldesigned book cover, things that attract their attention are more likely to be picked up.

How did this redesign change

your approach to presenting information?

We went from a one-off technique to a literature system that has elements of sales support attached to everything. Visually, we started with two objectives: First, we wanted to differentiate ourselves. In this industry, everybody is still doing the same thing: the straight, photographic approach – retired couple sitting on the porch, walking down the beach holding hands, the graduation shots, and the lovely baby pictures. We wanted to break through the clutter of all that and be able to get both the intermediary's and the investor's attention.

Our second objective was to simplify. We wanted to simplify the language by getting rid of jargon, and make our literature visually inviting and user-friendly. In this industry, companies typically jam as much as they can into every piece, thinking more is better. We took the opposite approach, saying let's give people something they can comprehend and absorb. We used vivid colors and icons. We changed the size of the literature so that even if it sat on a pile of competitors' information, it would stand out. We added white space, we tiered information so that key phrases and key messages were highlighted, so that if you just read the headlines and subheads you got a story. Collectively, the whole thing became much less intimidating.

Can design be used to make financial reports more useful to analysts?

Corporate financial materials have special design requirements because there are a lot of numbers. The way the numbers are organized and presented can make them easier to work with and more useful.

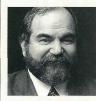
Mutual funds are confronted with different yet similar challenges. Our materials are directed to nonprofessional individual investors. In our communications with them, we must convey fairly complex financial concepts and results, with implications for what they may mean for the future. We also have to deal with the exacerbating complications of regulatory limits that define how we say things, what we say, even the words we can use to describe things. Design has provided a major way for us to communicate clearly and convincingly what is sometimes pretty archaic stuff.

Do you see design playing a bigger role in business today? As marketing plays a greater role in the business of every company and increasingly in institutions such as hospitals, colleges and law firms, design as an element in the marketing package becomes much more important. There is hardly a part of society today that does not have something that is the equivalent of a marketing department. That wasn't the case until recently. So, I would say yes, design will play a bigger role.





With consumer focus groups requesting a powerful yet portable storage drive that would hold all their "stuff," Iomega went back to the drawing board and returned with the colorful and friendly Zip drive, which has set a new standard in transportable data.



Martin Beck Chairman, President and CEO, Fitch PLC As CEO of Fitch PLC, Martin Beck focuses on developing strategic business opportunities for clients worldwide.

S tepping up to the podium at a design conference last October, Iomega CEO Kim Edwards shocked his audience by remarking: "Yup. Another formal namby-pamby academic presentation on the importance of design...success to be gauged on how many arcane awards were won from arcane magazines for beauty and elegance." Pausing, he growled: "The hell with that. I'm here to talk about the real world. The world in which competitors are lurking, poised to stomp your guts. And the consumers are sophisticated, highly discretionary buyers with plenty of choices on which to spend their money. And they don't understand nor want to understand your technology."

Edwards should know. Recognition of what the "real world" wants led Iomega to introduce the hottest computer peripheral in the marketplace today – the Zip drive. Compact, colorful and affordably priced, Zip is a refreshing departure from the usual bland beigecolored high-tech equipment. What's more, the success of the Zip drive, which provides transportable computer memory storage, saved the money-losing company from likely demise.

Edwards is credited for much of this turnaround. Before he joined the company in late 1993, he recalls receiving a copy of Iomega's mainstay product, the Bernoulli Box. Resembling a gray shoebox with a hole in the front, the storage unit could hold 150 megabytes of



President and CEO, lomega Corporation Joining lomega in 1993, CEO Kim Edwards adopted a consumer-focused, marketing-oriented strategy which helped turn the failing company around.

information on one disk – or the equivalent of 107 floppies – and operate 10 times faster. Trouble was, as Edwards quickly discovered, the 52-page manual was hard to decipher and its \$500-\$600 unit price and \$100 disk price unlikely to attract impulse buying by consumers. One of Bernoulli's biggest customers was the U.S. Navy, which appreciated the fact that it was designed to withstand 14-foot swells and indirect military hits – not exactly a key selling point for typical consumers. To make matters worse, in the early '80s SyQuest Corporation grabbed much of Bernoulli's market with a cheaper, faster alternative that quickly gained popularity with Macintosh

Kim Edwards

users, particularly graphics and publishing professionals.

By the time Edwards signed on with Iomega, the 13-year-old company had just reported losses of almost \$18 million and its stock was at an all-time low. Edwards turned to Fitch Inc., the

Columbus-based design company he had worked with in his previous job running Gates Energy Products' rechargeable battery business, for help. Iomega's survival clearly depended on a new product and Edwards was determined to introduce it at the November 1994 Comdex, the semiannual computer dealers' expo where the industry's hottest new products are unveiled. "We were given less than eight months to come up with a new product, identity and positioning to show at Comdex," recalls Fitch vice president Spencer Murrell. "Iomega simply had no choice. It was fast going down the tubes."

n fact, Edwards wanted a product that would not only take back share from SyQuest, but actually create a new market category, with Iomega laying claim to nothing short of the next generation of floppy disk replacement. Edwards explains, "Shifting the industry paradigm would not be enough; Iomega had to smash the paradigm. This is a segment that had measured itself in [only] hundreds of thousands [of unit sales] a year. Shifting would be gaining share from the competing types of removables. Smashing would be chasing the real opportunity."

So began the race. The short lead time to Comdex made it difficult for Fitch to implement its normal process of "discover, define, design and deliver." Instead, Fitch and Iomega found themselves thrown into all those phases concurrently. Even while initiating preliminary customer research to find out what users wanted in computer storage, Fitch was testing Iomega prototypes with focus groups. Led by industrial designer Murrell and graphic designer Jaimie Alexander, the Fitch team launched into a crash course about Iomega. They interviewed more than 35 Iomega senior management people, cutting across corporate disciplines; talked to buyers throughout Iomega's various distribution channels; and set up exhaustive focus groups which eventually connected the designers with 1,000 people using computers in Fortune 1000 companies, government and at home. "Part of our discovery process was to gather the information informally – asking a lot of questions of every knowledgeable user that we encountered," explains Murrell. Fitch was so determined to get an understanding of those computer user needs that, prior to focus group sessions, it provided disposable cameras so participants could document a day in their lives with technology.

The interviews provided a disturbing picture of Iomega's prospects. As things stood, the company had a limited customer base, and that market was showing signs of saturation. Portable computing was booming and Iomega had no product for the category. The company had virtually no retail presence. Perhaps most discouraging, people were bored by the idea of computer storage. "They hated it. It was like insurance.

Packaging, Old and New

lomega's revamped packaging (right) presents a hierarchy of information, clearly identifying the brand and product names, storage capacity, what the product looks like and key selling points.





You have to have it, but who wants to think about it," says Alexander. "But where we found they got excited was in having their 'stuff' near ready access. Data was an off-putting technological term. But they talked about their stuff the way they talked about the things on their desk and they really responded to the idea you could make it more organized, accessible and portable."

"Stuff," rather than data storage, became the rallying cry behind Fitch's brand positioning strategy and colloquial approach to design. It humanized Iomega and made for a powerful point of difference in an intimidating technology-driven marketplace. It spoke to a wide cross-section of people logging on, whether computer professionals, regular users or kids.

hile much of that early research was invaluable in defining corporate positioning, other feedback from focus groups was causing sleepless nights. With the company already behind on product tooling deadlines, consumers told Fitch they hated the initial prototypes created by Iomega's engineers. The top-loading CD-player-like devices, they said, took up too much desk space and weren't easy to access the disk. Teachers laughed off the design, predicting students would have the lids ripped off in days. With about four months until Comdex, it was back to the drawing board, and Iomega's engineers didn't think it could be done. "When we questioned whether it was do-able, Kim made our options pretty clear," says Alexander. "'No Comdex, no company, no choice.'"

Edwards responds: "Product development is not an intuitive process. Of course this hurt morale at Iomega. Their first reaction was 'You gave us a clean slate to work with and now at the eleventh hour there are parameters.' So we took key engineers to focus groups so they could see end users directly."

Clearly the tide had changed at Iomega and, given the overnight success of the Zip, perhaps hereafter in the larger computer industry as well. Iomega had changed from a technology-driven company where engineers determined the marketplace to a marketingsensitive organization guided by consumer demand.

With little time left, the Fitch team – with its invaluable focus group research – scrambled to shepherd the design process. "It came straight from the consumer," describes Murrell. "They didn't like using the door design; they were much happier sticking something in

Zip, Ditto and Jaz Drives

IOMEGA

9

Bold colors and a very portable size distinguish lomega's storage drives for the consumer market. The indigo-colored Zip drive is touted as "The one drive for all your stuff." Ditto is used primarily for file duplication and backup as opposed to transporting information and Jaz utilizes one gigabyte of memory, allowing for the huge demands of multimedia applications.

Logo Makeover

To create a stronger, simpler and friendlier identity, the old logo (left) was replaced with a dotted "i" literally breaking out of its box to emphasize the personal and suggest the empowerment of users.







"Stuff" Marketing Campaign In advertising and promotional materials, lomega used popular jargon to speak to consumers in a friendly, unintimidating voice.



Early Prototype

The CD-player-type model was an early favorite with designers, but as lomega got ready to retool machinery to manufacture this version, consumer focus groups told them it took up too much desk space and would be too easy for kids to break.

Compact and Affordable

Named for its speed and agility, the Zip drive is about the size of a compact CD player and weighs around a pound, fitting easily into a briefcase or purse. Its comfortable price has made it affordable to small business and home office users.



Distinctive Disk

ń

The "clipped" corners of a Zip disk give it an easily recognizable shape, while labels are branded with both the Zip and lomega names and 100 megabyte capacity.

Designed to Sit Flat or On Its Side

Tiny padded feet make it easy to stand the Zip on its side or lay it flat. A grooved path on the side houses the cord to keep it from dangling loose.

See-Through Window

Zip's see-through window lets users see which disk is inside without removing it from the drive.

Zip Accessories

lomega's complete line of accessories, with clear logo markings even on the SCSI cables, helps retailers extend sales through cross-merchandising.



a slot." So Fitch adapted streamlined versions of the Bernoulli Box, and for greater desktop efficiencies, made the designs usable standing or flat. They included a window so users would know if a disk was already in place. They made the drive units stackable with other new Iomega products. (While the Zip was Iomega's top Comdex priority, Fitch was simultaneously creating two other designs for the company's Jaz and Ditto products.)

etting Iomega's engineers to back Fitch's designs was easy. Now came the hard part. "We'd worked out most of the troublesome details. It was time to address the big issue of color – subject of countless

conversations, arguments and head shaking," says Murrell. "In many ways the industry ignores color. They say make it gray, beige or white, that's what consumers want and expect. We almost fell into that recidivist path until, in a late night fit of inspiration, boredom or whatever it was, we painted a model blue. We felt all along that it was critical for the Iomega products to stand out from their own environment. They had to make a statement that they were really different from the competition. The color clinched it."

Indigo for Zip, mauve for Jaz, forest green for Ditto. Having agreed to such

a bold visual statement, there was little preventing Iomega from creating an unconventional identity in its communications as well. Even the Fitch team dropped their more conservative product-information-driven ideas to finally embrace ad agency Dahlin Smith White's tagline "Because it's your stuff." Alan Reighard, senior vice president/group account director at the Salt Lake City-based ad agency, says, "There may have been some hesitation but it was important that first year to develop a personal, aggressive brand personality. We had to change the perception of storage technology, which was old and boring."

Likewise, that personal, aggressive brand personality was expressed through Iomega's new logo, packaging, Web site and direct mail campaign. Even Fitch's naming of the brands, as Alexander describes "like dog names; something you'd like to bring home with you," reflected Iomega's new user-friendly corporate sensibility.

"Everything came together literally minutes before the Comdex show opened. It was amazing to see it all in one place," recalls Alexander. "Sometimes it felt like we had been a heartbeat away from failure."

Which hardly proved to be the case. After Zip's late 1994 debut, at \$200 for a drive and \$20 per disk, Iomega had the highest increase in share value of any stock on the NASDAQ, New York and American Stock Exchange in 1995. In less than three years, Iomega soared from \$2 to \$150 in real terms, before stock splits. There was an immediate backlog in orders and Iomega scrambled to ship one million units in less

> than 11 months. There are now more than three million Zip drives in use. The real challenge, of course, will be to maintain that momentum and convince computer manufacturers to install Zip drive units in their machines. Some companies, including Packard Bell, IBM, Acer and Hewlett-Packard, have joined with Iomega to include the Zip on high-end models or as a backup option.

Describing the Zip experience as "reinventing a company through design," Edwards adds, "I don't know how else you can sell in a consumer marketplace without understanding

product design and usage. You have to know what the end user wants. The critical factors are aesthetics and usability, and how that interfaces with things like packaging, advertising, even price points. It's a very broad set of thought processes that affect one another."

If Iomega is any example, those processes can have immediate, dramatic impact on a company – and an industry.

"People talk about repositioning a company as if it is only a marketing problem. The product is a big part of repositioning. The reality is they are one and the same," says Fitch CEO Martin Beck. "It's taken quite a while for senior management in corporate America to fully realize products and services are linked together. Kim Edwards understands this. You can change your world pretty quickly through product design. It's one of the most powerful tools to get your message across."

\$1200 1000 800 600 400 200 0 '90 '91 '92 '93 '94 '95 CUMULATIVE TOTAL STOCKHOLDER RETURN, ASSUMING THE INVESTMENT OF \$100 ON DECEMBER 31, 1990

STOCK PERFORMANCE

Zip's Impact

The introduction of the Zip drive in November of 1994 had an immediate and profound impact on lomega's stock value. S watch was born out of necessity. In the 1970s, the Swiss watchmaking industry was plunged into a deep crisis. After centuries of dominating the watch business, the Swiss were jolted out of complacency by Asian manufacturers who were carving deep inroads into traditional markets with the introduction of low-cost, good-quality quartz watches. Swiss watches, which a few years earlier had accounted for about 50% of the market, plummeted to about 12%. Hong Kong and Japan had pushed Switzerland into third place, and Taiwan, China and South Korea were quickly catching up. Jobs in the Swiss watchmaking industry were in a free fall, dropping from over 90,000 jobs to less than 40,000. Something had to be done.

With the country's two largest watchmakers – ASUAG and SSIH – nearly insolvent, Swiss banks turned to Zurich-based Hayek Engineering, headed by Nicholas G. Hayek, to conduct an analysis. Hayek reported that the largest market and most growth potential was in the low-price segment – not at the luxury level, of which the Swiss owned 97% market share – and recommended

Design Time

Not long ago, people bought watches the way they purchased dinnerware – one for everyday use and one for formal occasions. Swatch changed all that by revolutionizing the reason we wear watches. Much more than a timepiece, a Swatch is an inexpensive fashion accessory that we can change according to our mood and activities.

1983 Swatch Design While well-made and inexpensive, the first Swatch was plain, black and graphically subdued. that Swiss watchmakers take the offensive, competing head-on with Asian manufacturers by producing high-quality, low-cost plastic analog watches. What's more, Hayek emphasized radical changes were necessary if the Swiss watch industry was to survive.

"We could retreat no longer. We had to have a broad market presence," says Hayek, who became the CEO and the major stakeholder of SMH, a company formed by the merger of ASUAG and SSIH.

What followed was one of the 20th century's most spectacular industrial comebacks. Throwing off entrenched traditions, Swatch (Swiss + watch) completely reinvented the industry – from the technology to public perception of what watches were all about.

Recognizing that manufacturing processes used by Swiss watchmakers for over 200 years would not solve the problem, the original Swatch project team of technicians, designers and marketing specialists abandoned conventional methods and searched for a completely new, integrated solution based on meeting defined marketing objectives – namely, to maintain the high-quality standards associated with Swiss brands; arrive at a retail price competitive with Asian manufacturers; produce a product adaptable to a wide range of models; and incorporate features desirable for everyday use. Hayek had one other major goal – to build the watches in Switzerland. "We must build where we live," he says. "When a country loses the know-how and expertise to manufacture things, it loses its capacity to create wealth – its financial independence. When it loses its financial independence, it starts to lose political sovereignty."

Challenged to think and act innovatively, Swatch design engineers looked for inspiration in things like children's Lego blocks (for the injection molding and die-casting) and disposable plastic lighters (for the ultrasonic welding). The final design was an accurate quartz analog product that required only 51 parts, compared to the typical 90 to 150 parts found in conventional watches. Not only did this dramatically cut production costs and allow automated assembly, it enhanced performance reliability.

1996 Swatch Design Irreverent and fun, Swatch has found own lively voice, introducing some of

its own lively voice, introducing some of the most daring art in any medium.



and apples the hours, with a snakeskin band.

1993 Trésor Magique

ad Swatch simply stopped with cost-cutting, however, it wouldn't be the phenomenal success it is today. To entice consumers to buy three, four, 15, 20, an entire collection of Swatches, the company determined that it had to position its product as an affordable lifestyle accessory.

"We are selling an emotional product," Hayek says. "You wear a watch on your wrist, right against your skin. You have it there for 12 hours a day, maybe 24 hours a day. It can be an important part of your selfimage.....We are not just offering people a style. We are offering them a message. This is an absolutely critical point. Fashion is about image. Emotional products are about message – a strong, exciting, distinct, authentic message that tells people who you are and why you do what you do."

That message is being conveyed through design and marketing savvy. The company attributes its suc-

Swatch Eyes

In 1994, Swatch extended its expertise in personal fashion statement accessories to eyewear, with the introduction of Swatch Eyes. Available in dozens of colors, styles and shapes, these interchangeable plastic sunglasses clip onto a basic frame, letting wearers change their image with their mood.



cess largely "to the communications specialists – advertising consultants, art directors, PR and promotion specialists – who have devised one original idea after another to put Swatch in the spotlight."

At Swatch design labs in Milan and New York, an ever-changing cadre of graphic artists, architects and industrial designers from a wide range of countries create about 140 different styles annually. Collections introduced twice a year address five basic Swatch lines: formal, active sports, casual leisure, fashion and art. Each model is part of a collection, and each has its own name.

The company never uses one-off designs for a single watch, but develops seasonal lines around theme concepts to gain greater promotional and sales presence. In every category, Swatch claims to stand for "provocation, joie de vivre and unlimited imagination."

Carlo Giordanetti, director of Swatch Creative Services, says, "I like to think of Swatch as a product you can approach on two levels. The first reading is purely aesthetic and functional. The second reading is when someone says 'I like your watch' and you can show it has a meaning and a story to tell. Swatch always conveys something very personal. It's not about nice color or fitting properly with your outfit. It says something about the personality of the wearer."

Swatch also prides itself on being streetwise. "The art form we are really into is graffiti," the company claims. "For the collection that is now going out we have a strong asphalt theme," reports Giordanetti. "We had never approached the hard side of the city, so we provided this as input to the designers, and then gave them total freedom to see what comes out in that direction."

Since 1985, some of the world's best known modern artists have also created Swatch Art Specials, including Yoko Ono, Studio Azzurro, Micha Klein, Victor Vasarely, Kiki Picasso, Keith Haring, Irit Batsry and Pedro Almodovar. As with other Swatch lines, the Art Special collection, featuring six styles annually, revolves around specific themes. "We look for artists with a non-traditional way of approaching art," Giordanetti says, adding that one practical consideration in the selection of artists is the need for three black-and-white and three color watch designs in each collection.

Swatch has also expanded its offerings through technical innovations that now include scuba, solar, chrono, musical alarm, and electronic access wristwatches. Recently it launched a successful solid steel-case line, called Irony, produced by metal injection molding instead of mechanical machining, to offer significant cost advantages.

Swatch's zeal for the youthful, irreverent and provocative drives its communications campaign worldwide. "Swatch belongs on the streets" is the company's motto. "Swatch isn't all about gentility and reserve. Swatch gets in there with the people, wants to be

Swatch Innovations

Developed for economical mass assembly, the shape and construction of the basic all-plastic Swatch remain the same from style to style, but the color, dial, hands, date display and strap are open to free interpretation by designers. In addition to outside design consultants, Swatch has some 15-18 designers working out of its design labs in Milan and New York. Together they produce some 140 Swatch styles a year, ranging from the whimsical to the avantgarde. Concepts for Swatch Specials include collectible theme-related packaging as well as promotional giveaway items. In recent years, Swatch has also introduced a number of technological innovations such as the MusiCall, Irony, Scuba 200, Access, Solar, Automatic and AquaChrono lines. In every case, a relatively low price point, engineering excellence and provocative design are essential criteria.

MusiCall A musical alarm watch featuring commissioned melodies by leading composers, the MusiCall will play a 32-second mini-concert on your wrist.

993 Europe in Concert

watch(

1995 Water Reflex

First All-Metal Swatch

After over a decade of producing plastic watches, in 1995 Swatch introduced Irony, its first allmetal wristwatch, which comes in its own uniquely designed package.



your wrist and winds the movement, the Automatic has a power reserve of over 40 hours.

winds the e Automatic eserve of "E motional products are about message — a strong, exciting, distinct, authentic message that tells people who you are and why you do what you do." part of the action, wherever it is. And more: Swatch is the

@ ISSUE:

action," the company proclaims.

Swatch manifests its philosophy by sponsoring action events like the **European Swatch** Beach Volleyball Circuit, Australian **Balloon Spectacular** and London's first freestyle snowboard competition in Covent Garden, and staging outrageous yet fun media events like sending seven of its Swatch Access models into outer space with the Columbia astronauts. and proving the waterresistant accuracy of its AquaChrono by submerging it 200 meters down into Loch Ness.

As the Official Timekeeper at the Atlanta Olympic Games, Swatch made the most of its association by selling one numbered Swatch Perfect Timing Chronometer daily for 250 days leading up to the Opening Ceremony and commissioning artists to create 20foot-high clock towers in 12 different cities around the world. It also issued four special Olympic watch collections, including one entitled Olympic Legends, featuring past Olympic champions.

Remarkably, Swatch has managed to keep the price point of its basic plastic Swatch model at \$40, set when the company was launched in 1983, with other models kept within relatively affordable range. It has also tried to maintain a consistent international price positioning, so travelers to other countries won't encounter an entirely different price point. Key to keeping prices down is Swatch's proprietary mass production technologies, which also have enabled the company to produce more than 200 million watches to date.

hile Swatch's "approachable" price has appealed to typical consumers, its quality design and craftsmanship have helped it to become a great investment. Today Swatch watches command high prices at auctions and are exhibited in fine arts museums. Still, the company claims, "No Swatch has ever deliberately been designed to become a classic. A Swatch for a season, not a watch for all seasons, is our modest objective."

Meanwhile, the company isn't ignoring the legions who feel otherwise. "Swatch the Club," a collectors' fan club with more than 100,000 members worldwide, allows members to buy limited edition styles not available in stores, receive catalogs and newsletters, and attend special Swatch promotional events.

While by any measure Swatch can be judged an astonishing success, the company isn't for a moment resting on its laurels. Swatch is opening its first flagship store in Manhattan this fall and is continually expanding into new markets, including sunglasses, telecommunications and cars. The muchanticipated Swatch Car features a concept by Mercedes-Benz.

What started out in the '70s as a last ditch effort to save the besieged Swiss watch industry has become a model for turning around traditional businesses. "Swatch is a symbol of our willingness to find a positive answer to the economic challenges of our time," says Hayek. **Twinphone** A major manufacturer of 1.5 volt microchips used in quartz watches, cellular phones, hearing aids and the like, Swatch has branched out into the telecommunications business, with the double handset Twinphone (shown here), cellular phones, and BeepUp integrated



7 Access Swatch

Converted for Olympic press corps use, the Access was first introduced as a ski-pass that wearers could wave over a scanner to open the turnstile.



8

The earliest Swatches were small, black and plain and identified by code numbers instead of names. GB103 was the first attempt at putting graphics on the face. 1995 Frozen Tears

Scuba 200 Swatch

Made for deep dives, the Scuba 200 is water-resistant down to 200 meters. Early Scubas were promoted with a flipper key chain.

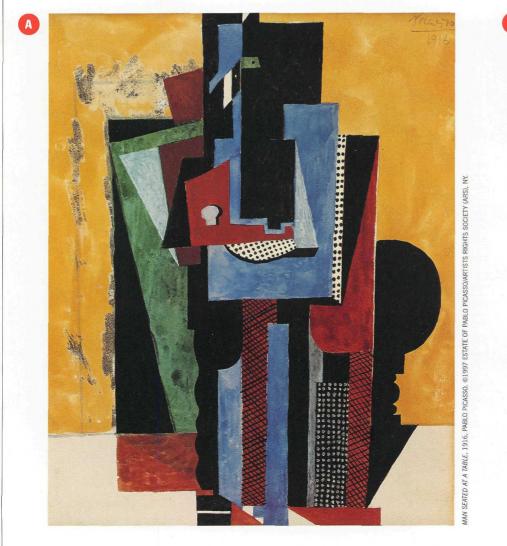
The Language of Visual Metaphors

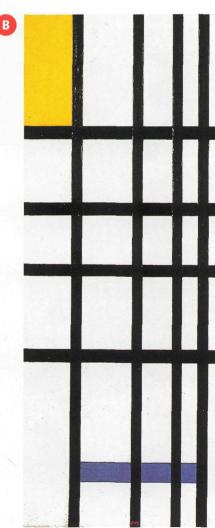
Imagine that each painting below is an airline, a bank or a prospective employer. Which would you choose? Does one feel safer and more reliable? Is one more open and creative? Chances are, your opinion is heavily influenced by cultural references, generational attitudes and gender. Because experiences help form our visual vocabulary, it is believed that people from similar backgrounds are more likely to attribute the same values to what they see – even abstract images. To find out how your answers match with others, fill out the return mailer at the back of the book. We'll tabulate your responses and print them in a forthcoming @*lssue*.

You have three job offers, one from each of these companies. Which one do you choose to work for, and why?



Now imagine that each of the paintings represents a different airline. Which one do you choose to fly with, and why?



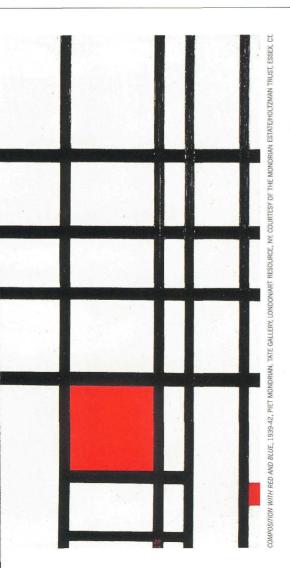


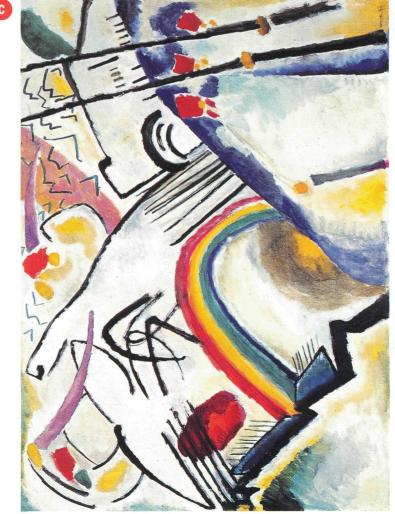
This abstract painting exercise was developed by Dr. Angela Dumas, director of research at the Design Council in the UK and senior associate of the Judge Institute of Management Studies at the University of Cambridge. Used as a warmup for her "Totem Building" workshop, designed to improve the group dynamics of cross-functional creative teams, the exercise helps participants realize that even when their tastes and perspectives differ, the values they attribute to the paintings often are not that far apart. By looking for common conceptual ground on issues, team members are encouraged to collaborate more closely in seeking solutions.

Which picture represents the organization you actually do work for?



Imagine each of the paintings represents a candidate for President of the U.S. Which would you vote for, and why?





OSSACKS, WASSILY KANDINSKY. TATE GALLERY, LONDON/ART RESOURCE, N



Driving Emotions

Long known for safety, luxury and precision engineering, Mercedes-Benz now seeks to appeal to younger, less conservative audiences by presenting the more approachable, fun-loving, energetic side of itself in its car catalogs and promotional materials.



Tim Meraz Senior Creative Director, The Designory, Inc.

Tim Meraz heads up The Designory's Mercedes-Benz team responsible for creating brochures, point-of-sale materials and new media projects.

When you've long been considered the standard for automotive luxury and engineering excellence, extending your brand can be a sensitive operation. But with aggressive global competitors slicing the luxury car market into ever thinner segments, Mercedes-Benz sought to dispel its reputation as a status vehicle only for affluent, older guys to showing that it can be an accessible, fun-to-drive car for successful professionals. The launch of its new E-Class sedan targeted to youthful, less conservative 40-plus baby boomers provided the impetus to adopt a more emotional tone in its 1996 model catalogs and advertising.

The effort paid off. The Mercedes-Benz line – C-Class, E-Class, S-Class, SL-Class and 600 Series – saw U.S. sales jump 19.3% to 58,486 vehicles in the first eight months of 1996. Auto insiders predict strong sales to continue as Mercedes-Benz embraces lifestyle-oriented marketing to seed the launch of its U.S.-made products like the M-Class All-Activity Vehicle.

The public got its first look at the new Mercedes-



Albert Weiss Director of National Marketing Communications, Mercedes-Benz of North America With Mercedes-Benz for 31 years, Albert Weiss oversees all consumer communications for the company's North American operations.

Benz marketing strategy last year when the company pitched the generation raised on rock-and-roll with a broadcast ad using the Janis Joplin song, "Lord, Won't You Buy Me a Mercedes-Benz." Created by New York-based Lowe & Partners/SMS, the ad was a startling departure from Mercedes-Benz's sedate image. The carmaker continued appealing to younger, upscale consumers with its aggressive \$30,000-plus pricing on the C-Class and then the debut of its new E-Class in the '96 model year.

Long Beach-based The Designory, which has been creating Mercedes-Benz car catalogs since 1993, has been responsible for changing the perception of the brand at the personal level through marketing materials distributed to prospective buyers via showrooms and queries on an 800 number.

"There's a strong evolutionary aspect to the design of Mercedes-Benz cars, and we look at that as a guideline to how we evolve their marketing materials," says Rich Conklin, The Designory copy director on the

Mercedes-Benz account. The introduction of the E-Class with its softer, more organic silhouette suggested the tone of the new promotional campaign. So did its more approachable price.

Tim Meraz, The Designory creative director for Mercedes-Benz, explains, "More and more, we are trying to appeal to people like you and me, people who make Mercedes-Benz our only car. It's a worthwhile investment for us. For this segment, we need to get across the value issue and get away from the perception that every Mercedes-Benz costs \$100,000." The challenge was to advance the Mercedes-Benz legend

> without divorcing itself from its original strengths. "Mercedes-Benz is one of the strongest brands in the world. You have to be careful with it," Meraz cautions.

E-Class Launch Video

Timed to coincide with the E-Class launch, a highaction video of the new 1996 model was sent to target customers. The fiveminute tape was also shown at dealerships, auto shows and promotional events.

The Designory set about reinforcing Mercedes-Benz's new message of approachability, value and fun by integrating similar design cues throughout layers of consumer communication in the 1996 model year catalogs. In a series of catalogs for the '96 model year, entitled "Inspiration," "Imagine," "Desires," "Dreams" and

"Envision," The Designory unfurled Mercedes-Benz's new emphasis on lifestyle. "These catalogs were intended to be easier to read, more accessible and more emotional," Meraz says.

"But it's kind of a fine line," he adds. "We want to make Mercedes-Benz seem like these are cars that people wearing shorts go to the 7-Eleven in, but we didn't want to go as far as to cheapen the brand. Generally, we try to stay away from photographing these cars in front of mansions and opulent settings. The reality too is that Mercedes-Benz has few super-expensive cars. For the most part, they are competitively priced with BMW and Lexus."

"We are trying to get consumers to see a side of Mercedes-Benz that has always existed but hasn't been celebrated in marketing communications - namely, the relationship that you are going to have with the car as opposed to what we as engineers did to the car," Conklin adds.





Images with Attitude More lifestyle, more attitude and more emphasis on what it feels like to drive a Mercedes-Benz are the focus of the company's 1996 model year catalogs.

des-Benz C-Clas

600 Series Catalog Mercedes-Benz's ultra-luxurious 600 model, which sells for upwards of \$125,000, is in a class by itself and so is its catalog. The brochure's oversized 12 x 17-inch format, stitched binding and lavish use of white space and double spread photographs exude elegance and exclusivity.

General Brochure For casual shoppers who aren't sure which car model is right for them, this brochure gives a brief overview of the different models and customer support features.

What makes a Merce a Mercedes-Benzz



Desires

Model Catalogs

Blurred action photographs and evocative titles set the emotional tone of the imagery inside the 1996 model year catalogs. A back-pocket brochure (below) lets Mercedes-Benz address hot topics in the car industry and explain why its engineering is unique. Diskettes





provide in-depth technical and engineering information, with interactive demonstrations.

Special Typeface

Benz S-C

nobiles? Who shapes hobiles? Who shapes and polishes the wood on see what the eyes of on see what the eyes of Mercedes-Benz's attention to creating a distinctive identity extended even to designing its own proprietary typeface for use in all its communications materials.

Pre-launch Marketing

A direct mail piece sent to target customers, this CD-ROM served as a teaser for the launch of Mercedes-Benz's new generation E-Class sedan. Timed for arrival five days before the new car's unveiling, the CD program features a panorama of photographic squares, which, when clicked, unlock interesting "factoids".





Click: Only a certain number of squares can be unlocked each day as



users navigate along Mercedes-Benz's historical timeline filled with anecdotal stories and innovation



highlights, some set to music and voiceovers. Each square opens onto a second layer that reveals a portion



of the new car. Launch day culminates with lavish fanfare and a full-motion video of the new sedan. Click.

With titles like "Desires," that message is conveyed right from the cover. "Most manufacturers would have put the name and model on the cover, but we wanted to talk about you, what inspires you, what you are all about." Conklin says. "The idea is that before we sell you a car, we need to sell you an idea about that car. We also recognize that buying cars on the Mercedes-Benz level isn't about somebody who wants a car just to get from point A to point B."

nside, the catalogs feature photos of people and landscapes, not just cars, and experientially convey the excitement of driving a Mercedes-Benz through blurred action photographs, angled shots and a combi-

nation of duotone, tritone and full-color images. "If you look at the photography versus images in other car catalogs, it is imperfect by design," says Andrea Schindler, The Designory art director for Mercedes-Benz. "Others look retouched like mad. We do as little retouching as possible. If there is a reflection of a tree in a window, we leave it in as long as it looks good. We want to support a look of naturalness and approachability. Mercedes-Benz feels pretty confident that they have one of the 10 most recognizable brands in the world and they are willing to play with that a bit."

Another way Mercedes-Benz humanized its catalogs was by showing close-up fashion-style photographs of people, often without the car even in the picture. "We struggled with how to do that a long time," says Meraz. "We finally hired a fashion photographer and are pleased with the results."

The text is meant to be friendly as well. The copy – in an easy-to-read font called Corporate A, cut especially for Mercedes-Benz – is simple, clear and direct, counterbalancing the ethereal quality of some of the imagery. "Posing questions like *What does it feel like to drive?*," says Conklin, "puts the dialogue on the consumers' level and approaches information from their perspective."

The catalogs themselves were developed in three sections. "In the main part of the brochure, we wanted to present the beauty of the car and the emotional experience," explains Meraz. "People who want to go

"There's a strong evolutionary aspect to the design of Mercedes-Benz cars, and we look at that as a guideline to how we evolve their marketing material."

deeper can look at the back of the brochure and see it from a benefits standpoint. The third level is a diskette that fits into the back pocket, which shows Mercedes-Benz heritage and history of engineering excellence. These diskettes are rich with technical information."

Building Anticipation

For months, Mercedes-Benz has been stimulating interest in its new SLK sports car convertible, set for release in January 1997. This 6x6-inch teaser contains a six-panel fold-out brochure that appeals to people who love the outdoors, and proclaims inside "Some sensations are worth waiting for."

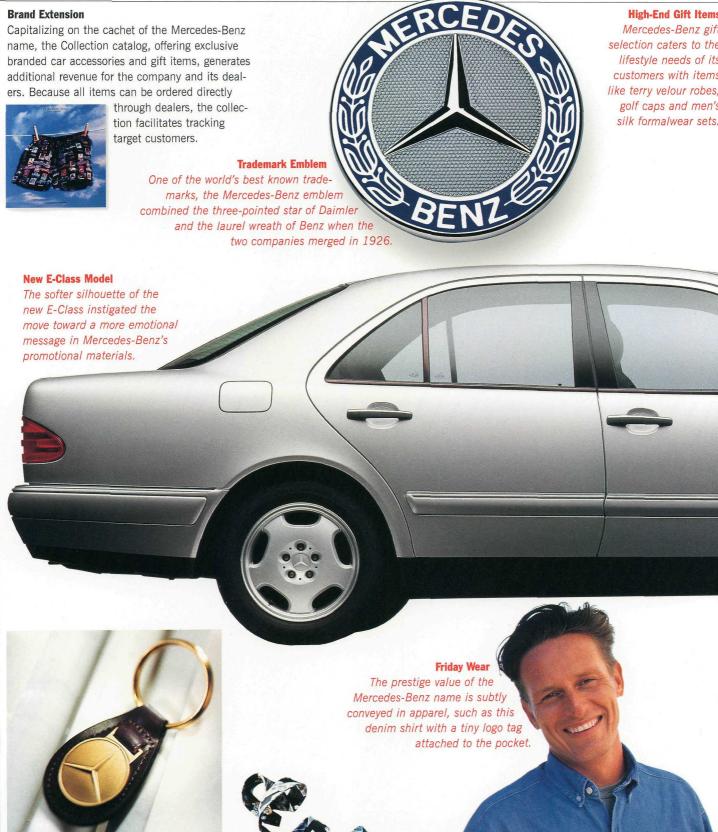


The Designory, along with its affiliate Pinkhaus in Miami, also produces other major pieces, including a welcome brochure for new car owners and lessees and a Collection catalog of signature accessory and gift items.

Compared to the average 16 to 24 pages of most other car brochures, the Mercedes-Benz car catalogs have a leisurely 52-plus pages to deliver their message. "Mercedes-Benz feels their customers have certain expectations, that their brochures need to have a cer-

tain tactile quality, a heft factor," says Conklin. "When you get the brochure and hold it in your hand, it needs to feel like there is substance there." The catalogs feature a combination of coated and uncoated papers in 100 lb. basis weight. "Uncoated papers are good for showing emotions, but when it comes to product, where we need to clearly represent the car and its textures, there is nothing like a coated sheet," says Meraz. As a result, the bulk of the catalogs are made up of coated papers, showing crisp details of the cars and exuding sophisticated energy.

The size and scope of the Mercedes-Benz marketing support program also means that work must continue year-round. The Designory has 20 people assigned full-time to the Mercedes account. The team includes two product specialists, with engineering backgrounds, "who do nothing but live and breathe Mercedes-Benz product information," Meraz says. "They go to all the photo shoots and make sure that art directors and copywriters are in line and review all the mechanicals



Logo Keychain Not just one, but a half dozen choices of logo keychains are available to Mercedes-Benz owners.



This necktie by Nicole Miller features the company's milestone cars, ranging from the 1886 Benz Patent Motorwagen to the new E-Class



Children's Book

With a 110-year history, the company has stories that have evolved into legend, including this charming tale about the world's first long-distance car trip taken by Carl Benz's wife, Berta, and their sons.



(finished layouts) to make sure the best angles of the car are shown, the wheels are correct, and the cars are exactly the way buyers are going to get them."

During every step of the process, Mercedes marketing people are involved, providing direction and signoff. Mercedes-Benz director of national marketing communications Albert Weiss says Mercedes-Benz of North America, based in New Jersey, works closely with The Designory to ensure effective communications while allowing enough flexibility for creative powers to flourish. "Our process is to do a postmortem at the end of each year," Weiss says. "We try to anticipate what the customer is thinking a year or so in advance. Through the graphic design, layout and photo imagery, we try to provide the consumer with as much relevant information as possible – complete, engaging and emotional."

Much of this is hashed out at an annual retreat.

"The client will characterize what will be happening in the next year. If there is a new car coming out, we go to the factory in Stuttgart, Germany, and talk to the people who designed it. We might spend a month designing the look of these brochures and nine months executing them," explains Meraz. The Designory also works closely with ad

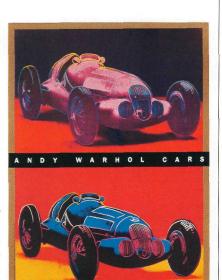
agency Lowe & Partners/SMS. "In extending the new Mercedes-Benz personality being broadcast by the agency, we try to drive it all the way down to the collateral level so everything will look and feel like one company. To make sure this message is cohesive, every time we're in New York, we try to get together with Lowe and do a show-and-tell," says Meraz. "It is surprising that even when we arrive at our solutions independently, they are remarkably synergistic."

Perhaps because customers see the Mercedes-Benz print materials as an extension and reflection of the prestigious cars themselves, they tend to hang onto the catalogs even after they have made their purchasing decision. "We find people use them on coffee tables in their offices," says Weiss. "Our literature is not only a supportive element in the purchase of the product, it's also table-top quality. They're passed from one consumer to the next."



Accessory Wheels Accessories for the car include such items as wool sheepskin seat covers, ski and bike racks, and AMG custom-alloy wheels.

Limited Edition Poster To celebrate its 100th anniversary, the company commissioned Andy Warhol to create a limited edition poster, which is now sold in the gift collection.



SOLOMON R GUGGENHEIM MUSEUM NEW YORK. SEPTEMBER 30-NOVEMBER 27 1988

Ten Tips for Writing an Effective Design Brief



Whether the project is an annual report, product design, packaging, Web site, CD-ROM, marketing brochure, corporate identity program or environmental graphics, companies can save time and misun-

derstanding by putting together a design brief before interviewing prospective design firms. Unfortunately, too few corporate managers take the time to prepare a brief, thinking that "talking it through" in a meeting will suffice. A written brief offers two important advantages, however: 1) It demands that in-house managers clarify the project's business objectives at the start, and 2) it gives designers a summary of key corporate points to refer to later on. But keep the design brief short, and recognize that its purpose is to provide enough information to assess the proposed assignment realistically without discouraging creative exploration.

1. Corporate Profile



Even if your corporate name is more amous

than Madonna's, don't assume everyone knows what you do. People may only know your company by name, or have an outdated image of what you do, or think of you too narrowly in terms of one product or one market area. A designer's erroneous

assumptions about your business can skew the entire opening discussion, so first provide a synopsis of your current line of business, market emphasis and reach, along with pertinent historical highlights.

2. Market Position



realistic evaluation of your orga-

nization, service or brand relative to your competitors. How is your company unique or different? What is your

standing in the industry? What marketing communications techniques are most effective among your competitors?

3. Current Situation



Explain the situation that instigated the need for this proj-

ect. Examples: Our brand identity isn't working anymore. The babyboom generation thinks of us fondly from their youth, but their children

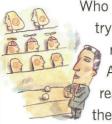
consider us too conservative. We're about to launch a big push into global markets, and our packaging hasn't changed since we were a regional company. We just went public and need to be taken seriously on Wall Street.

4. Business **Objectives**



What do you want to achieve? If it's a sales brochure, what points are you pushing? If it's an annual report, what are the key messages for the year? If it's a product design, what attributes do you want to convey? Define your objectives.

5. Target Audience



Who are you trying to reach? Are vou reaching them now?

If not, what do you feel is missing? For multiple audiences, rank them in terms of importance. Provide demographic information, if relevant. Explain any unusual or unique attributes about vour audience.

6. Corporate/ **Brand Personality**



What is your image in the marketplace? How do

you want to be perceived? Cutting edge? Relaxed and friendly? Trendy and elegant? Inexpensive and approachable? What subliminal messages do you want to convey? Jot down a list of adjectives describing the image you want to project and another describing messages you want to avoid.

7. Budget

Until vou know what form the solution will

take, it's hard to define a budget. However, it usually helps to state a ballpark figure for the total project, so that the designer knows whether you are thinking about a three-panel brochure or a 48-page full-color book. Some companies undertake design projects so infrequently, they have no idea how much things cost. They come in with lavish samples of what they want, only to discover that something comparable would wildly exceed their budget. In fairness to the design process, it is important to provide a budget range, so that the designer can develop concepts with that in mind - or advise you early-on that the ideas you want to execute will cost more than is currently budgeted. Don't try to breakout the budget by line items i.e., design, photography, typesetting, printing, paper, etc.; let the designer do that once the solution is defined.

When it comes to budgeting at this early stage, it's important to build in flexibility, so that you don't miss an opportunity to get the perfect solution, which may happen to cost just a few dollars more.

8. Schedule and **Deadline**



targets must be met? A product launch at a

conference that happens once a year? An SEC filing? A Board of Directors' presentation? If this is a program with many elements, is there a rollout sequence? Does the print advertising have to coincide with the brochure distribution, for instance? State any interim targets that must be met during production, if relevant, and when the project must be completed.

9. Design Medium



above? Do you have a

particular size in mind e.g., a 24-page selfcover brochure, a directmail piece that fits a No. 10 envelope? In some cases, the situation will dictate the medium: in others, the best medium may emerge through an audit and analysis of your needs. State your preference, but keep an open mind.

10. Technical and Practical **Constraints**



Does the designer have to stay within certain

parameters? Is it a pointof-purchase display that has to meet specific supermarket guidelines? A brochure that has to be translated into three languages? Packaging that must include recvcled materials? If there are inflexible constraints, state them up front. Don't base your parameters simply on the fact that "it's always been done that way," because you may prevent your designer from coming up with a solution that no one has ever considered before.

N CE EVA

e need a new bottle – a distinctive package that will help us fight substitutions...we need a bottle which a person will recognize as a Coca-Cola bottle even when he feels it in the dark. The Coca-Cola bottle should be so shaped that, even if broken, a person could tell what it was..." wrote the company's legal coursel in 1915, urging management to develop packaging that could be protected by trademark and patent laws.

In response, the now globally celebrated contoured glass Coke bottle was born. Created by the Root Glass

Co. of Terre Haute, Indiana, in 1915, the bottle with its distinctive fluted sides and bulging middle was inspired by the shape of an African kola nut – which along with the South American coca leaf contributes to the soft drink's unique flavor. The beverage itself was invented by John S. Pemberton, an Atlanta pharmacist, in 1886 and named by Pemberton's bookkeeper Frank Robinson who suggested that featuring the drink's two most exotic ingredients had a nice alliterative sound. A penmanship expert, Robinson drew the brand name in the flourished Spencerian style of the time – and that's how it has remained.

The curvaceous bottle came to symbolize the American spirit during World War II, when the company pledged that U.S. fighting forces could count on Coca-Cola wherever they were and set up 64 bottling plants overseas.

The sight of the familiar Coke bottle served as a reassuring reminder of home and engendered good will toward the soft drink. Today Coca-Cola is sold in more than 200 countries, and recently the company introduced the soft drink in a new 20-ounce contoured plastic bottle, capitalizing on a shape known around the world.



Corporate Design Foundation

Corporate Design Foundation, a non-profit educational institution, was founded on the belief that design can make a major contribution both to an individual's quality of life and to a corporation's success, and that both individual and organizational interests can be served through the effective use of design disciplines: product design, communication design and architecture. Accordingly, our mission is to improve the quality of life and the effectiveness of organizations through design.

At the heart of this mission is a focus on education to expand the awareness of design's potential among corporate managers. Through the Design Leadership Programs, the Foundation promotes research and documentation of the role of design in business and the development of new teaching curricula and materials for use in graduate business schools.

The Foundation frequently serves as a catalyst, working with educational and other organizations to achieve the following: Create future innovators by including design in the curricula of leading business schools; develop collaborations between design, business and other schools or disciplines to further the understanding of design and use of interdisciplinary teams; achieve an understanding of design and ecologically sustainable development by current business and government leaders.

Potlatch Corporation

The sponsor of *@Issue*, Potlatch Corporation has long been a proponent of the use of quality design to create corporate identity, promote products and establish credibility and distinction among key consumer and business audiences.

At mills in northern Minnesota, Potlatch manufactures the broadest line of premium coated printing papers available today, including a selection of gloss, dull, velvet, silk and matte finishes and a choice of fine recycled papers. In addition to setting the standard for coated printing paper quality, Potlatch's printing paper operations have earned International Standards Organization (ISO) 9002 certification, a rating verifying its manufacturing product quality system is recognized worldwide.

Printed in the U.S.A. on Potlatch Vintage[®] Remarque[®] Gloss Cover, 100 lb. and Vintage[®] Remarque[®] Velvet Book, 100 lb. Both are recycled papers containing a minimum 10% post-consumer waste. The Journal of Business and Design Published by Corporate Design Foundation Sponsored by Potlatch Corporation

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POTLATCH

CORPORATION

VOLUME 2 NO.2

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