## A Case Study In Financial Brilliance

NTeledyne, Inc.

## Dr. Henry E. Singleton

Exhibit 2


## Exhibit 3

Buffett considers that Henry Singleton of Teledyne has the best operating and capital deployment record in American Business. When I asked if he did not consider Tom Murphy of Capital Cities to be equally outstanding, Buffett smiled and said, "Well, Murph plays a simpler game," but added that part of the great business ability is to get into simple games. Singleton's return on assets, calculated in the way that Buffett likes to do it (Inventory plus fixed assets), is unique. All four major industry groups in Teledyne are in fully competitive areas; none has a special protected niche; and yet all four earn 50 percent on assets. The company earns $\$ 250$ million after tax, with very conservative accounting.

Singleton bought 130 businesses for "Chinese paper," as it used to be called, when his stock was riding high. Then when the market, and his stock, fell he reversed field and the last eight years hasn't acquired a single company; on the contrary, by buying his stock back he has shrunk his capital from 40 million shares to 12 million.

According to Buffett, if one took the top 100 business school graduates and made a composite of their triumphs, their record would not be as good as that of Singleton, who incidentally was trained as a scientist, not an MBA. The failure of business schools to study men like Singleton is a crime, he says. Instead, they insist on holding up as models executives cut from a McKinsey \& Company cookie cutter.

Excerpt from Pages 24 \& 25 of The Money Masters
Author: John Train, Publisher: Harper \& Row, Published: 1980

## Exhibit 4

Teledyne, Inc. Historical Summary

| Year | Sales | Net Income | Net Income Per Share | Shareholders' |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Assets | Equity |
| 1986 | \$3,241.4 | \$238.3 | \$20.35 | \$2,744.2 | \$1,636.6 |
| 1985 | 3,256.2 | 546.4 | 46.66 | 2,775.4 | 1,577.4 |
| 1984 | 3,494.3 | 574.3 | 37.69 | 2,790.7 | 1,159.3 |
| 1983 | 2,979.0 | 304.6 | 14.87 | 3,852.2 | 2,641.2 |
| 1982 | 2,863.8 | 269.6 | 13.05 | 3,290.7 | 2,111.1 |
| 1981 | 3,237.6 | 421.9 | 20.43 | 2,904.5 | 1,723.2 |
| 1980 | 2,926.4 | 352.4 | 15.62 | 2,575.9 | 1,410.2 |
| 1979 | 2,705.6 | 379.6 | 15.02 | 2,050.8 | 1,288.6 |
| 1978 | 2,441.6 | 254.4 | 9.63 | 1,588.2 | 890.3 |
| 1977 | 2,209.7 | 201.3 | 7.53 | 1,443.1 | 702.2 |
| 1976 | 1,937.6 | 137.6 | 4.78 | 1,228.5 | 516.1 |
| 1975 | 1,715.0 | 101.7 | 2.57 | 1,136.5 | 489.3 |
| 1974 | 1,700.0 | 31.5 | 0.55 | 1,108.9 | 477.8 |
| 1973 | 1,455.5 | 66.0 | 1.01 | 1,227.4 | 532.8 |
| 1972 | 1,216.0 | 59.3 | 0.67 | 1,127.8 | 484.0 |
| 1971 | 1,101.9 | 57.4 | 0.62 | 1,064.8 | 606.1 |
| 1970 | 1,216.4 | 61.9 | 0.69 | 952.6 | 576.3 |
| 1969 | 1,294.8 | 58.1 | 0.68 | 938.1 | 502.0 |
| 1968 | 806.7 | 40.3 | 0.56 | 602.4 | 316.5 |
| 1967 | 451.1 | 21.3 | 0.38 | 336.7 | 152.6 |
| 1966 | 256.8 | 12.0 | 0.29 | 170.4 | 90.2 |
| 1965 | 86.5 | 3.4 | 0.16 | 66.5 | 34.8 |
| 1964 | 38.2 | 1.4 | 0.10 | 35.0 | 13.7 |
| 1963 | 31.9 | 0.7 | 0.06 | 23.9 | 8.6 |
| 1962 | 10.4 | 0.2 | 0.02 | 10.8 | 3.5 |
| 1961 | 4.5 | 0.1 | 0.01 | 3.7 | 2.5 |

In millions except per share amounts.
As reported in the Company's annual reports, adjusted for stock dividends and splits.
Years 1967 through 1982 w ere restated for certain accounting changes.

## Exhibit 5

## The Strategic Positioning of Teledyne

Strategy One - Growth Through Acquisition - 1961-1969

Strategy Two - Intensively Manage Your Business - 1970-1981

Strategy Three - Repurchase Your Undervalued Equity - 1972-1984

Strategy Four - Stocks Preferable to Bonds for the Taxable Investor -1976-1982

Strategy Five - Simplify the Corporate Structure and Focus Management -1986-1992

## Exhibit 6

## Comparison of Selected Financial Characteristics

(Data through 1981)

|  | Teledyne, Inc. |  | S\&P 400 |  | Teledyne Relative to S\&P 400 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10-Year | 3-Year | 10-Year | 3-Year | 10-Year | 3-Year |
| EBIT margins(a) | 13.5\% | 20.5\% | 11.9\% | 11.3\% | 1.13X | 1.81X |
| Return on assets | 18.1 | 24.5 | 14.5 | 14.6 | 1.25 | 1.68 |
| Return on equity | 19.3 | 25.9 | 14.2 | 15.3 | 1.36 | 1.69 |
| Sustainable growth(b) | 32.1 | 34.9 | 9.6 | 10.3 | 3.34 | 3.39 |
| Book value growth | 32.7 | 35.0 | 8.8 | 9.3 | 3.72 | 3.76 |
| EPS growth | 50.0 | 26.0 | 10.8 | 7.5 | 4.63 | 3.47 |
| Leverage | 1.91X | 1.64X | 1.86X | 1.90X | 1.03 X | 0.86X |

(a) $E B I T$ is earnings before interest and taxes.
(b) ROE times retention rate.

## Exhibit 7

## Teledyne Self-Tender Offers

1972-1984

| Announcement Date | Share Price On Prior Day (\$) | Tender Price (\$) | Premium <br> (\%) | Shares* Offered (Millions) | Shares ** <br> Tendered (Millions) | Shares Outstanding Prior to Tender (Millions) | Shares Tendered As A Percent Of Outstanding |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9/14/72 | \$16.375 | \$20 Cash | 22\% | 1 | 8.9 | 31.9 | 27.9\% |
| 12/13/73 | 10.875 | 14 Cash + 50 cents Broker Fee | 28.7 | 4 | 1.6 | 23.2 | 6.9 |
| 5/31/74 | 10.75 | $\begin{aligned} & 20 \text { p.a. } 10 \% \text { deb. } \\ & \text { OID } 67.75 \% \\ & =13.55 \end{aligned}$ | 26 | 1 | 3.9 | 22.2 | 17.6 |
| 12/4/74 | 7.875 | $\begin{aligned} & 16 \text { p.a. } 10 \% \text { deb. } \\ & \text { OID } 68.875 \% \\ & =11.02 \end{aligned}$ | 40 | 1 | 1.9 | 18.3 | 10.4 |
| 4/30/75 | 12.25 | 18 Cash | 47 | 1 | 3.6 | 18.4 | 19.6 |
| 2/6/76 | 32 | 40 Cash + <br> 25 cents Broker Fee | 25 | 1 | 2.5 | 13.6 | 18.4 |
| 5/2/80 | 95.125 | $\begin{aligned} & 160 \text { p.a. } 10 \% \text { deb. } \\ & \text { OID } 80.875 \% \\ & =129.40 \end{aligned}$ | 36 | 1 | 3.0 | 13.9 | 21.6 |
| 5/9/84 | 155.75 | 200 Cash | 28 | 5 | 8.7 | 20.3 | 42.9 |

[^0]** All shares tendered accepted

## Exhibit 8

## 10-Year Treasury-Note Yield



Source: FRB, and Omega Advisors, Inc.

## Exhibit 9



## Let's Take a Closer Look at the 5/1984 Tender

## 5/9/84 close

$\$ 1553 / 4 \times 20.3 \mathrm{~mm}$ shares $=\$ 3.16$ B Market Cap
Buyback $=8.7 \mathrm{~mm}$ shares $\times \$ 200=\$ 1.74 \mathrm{~B}$
New Shares Outstanding $=11.6 \mathrm{~mm}$ (42.9\% reduction)

90 Days Later
Stock Price $\$ 300 \times 11.6 \mathrm{~mm}$ shares $=\$ 3.48$ B Market Cap
So despite having $\$ 1.74$ B less assets, the company's market cap rose by $\$ 320 \mathrm{~mm}$ ! In that period, the overall market was largely unchanged.

I would also note that Dr. Singleton used cash in the offer and not debt. He avoided getting caught with high cost fixed rate paper at a time when interest rates were set to decline.

## Exhibit 11

"There are tremendous values in the stock market, but in buying stocks, not entire companies. Buying companies tends to raise the purchase price too high. Don't be misled by the few shares trading at a low multiple of 6 or 7 . If you try to acquire those companies the multiple is more like 12 or 14. And their management will say, 'If you don't pay it, someone else will.' And they are right. Someone else does. So it's no acquisitions for us while they are overpriced. I won't pay 15 times earnings. That would mean I'd only be making a return of 6 or 7 percent. I can do that in T-bills. We don't have to make any major acquisitions. We have other things we are busy doing.

As for the stocks we picked to invest in, the purpose is to make as good a return as we can. We don't have any other intentions. We do not view them as future acquisitions. Buying and selling companies is not our bag. Those who don't believe me are free to do so, but they will be as wrong in the future as they have been about other things concerning Teledyne in the past."

## Exhibit 12



## Henry Singleton's Mystifying s400-Million Flyer

by A.F. EHRBAR

0ver the last two years or so, Henry E. Singleton, the gifted founder and chairman of Teledyne, Inc., has quietly moved more than $\$ 400$ million of his corporation's funds into the market and bought up some remarkably large positions in eleven FORTUNE 500 companies. Through his far-fiung conglomerate, he is
the largest shareholder in nine of those companies and, inthe largest shareholder in nine of those companies and, in credibly, he has effective control of six. Singleton' Litton
ings include: 22 percent of the common stock of Liton ings include: 22 percent of the common stock
Industries, 28.5 percent of Curtiss-Wright, nearly 20 Industries, 28.5 percent of Curtiss-Wright,
percent of Walter Kidde, 22 percent of Brockway Glass, 18 percent of National Can, and almost 20 percent of Reichhold Chemicals. In addition, he has purchased 8 percent of GAF, 5.5 percent of Rexnord, 5 percent of Colt Industries, 7 percent of Federal Paper Board, and 8 percent of Eltra.
Those holdings are rather unusual, to say the least. They give Singleton an astonishing least. They give Singleton an astonishing of corporate America. And that influence clearly is Singleton's alone Though he own learly is Single 6 percent of the company, he runs it like a personal fiefdom, and he made the investment decisions personally. Not even George A. Roberts, Teledyne's president, learned of the purchases un-
president, learned of the purc.
The vas bulk ber made
The vast bulk of the money came from the coffers of Teledyne's two insurance subsidiaries, the Unicoa and Argonaut groups. Virtually all insurance companies keep some of Unicoa and Argonaut is practically unheard of in the insurance business. At the end of 1976, the stockholdings of Argonaut, a property and casualty group, amounted to more than seven times its net worth. In contrast, most other property and casualty companies have stock holdings that are less than their net worth.
The abrupt reshuffling of the insurance portfolios, and the extraordinary concentration of Teledyne's purchases among a handful of companies, has a lot of people wondering what Singleton is up to. Singleton has helped fuel speculation by refusing to discuss the stock positions in detail with anyone, including FORTUNE; the only explanation from Teledyne has been the official, disembodied statement that they are for "investment."
The big positions, however, look like more than mere inResearch associate: Patricia Hough

## Exhibit 13

## Stocks Are More Attractive Than Bonds

Company
Aetna Life \& Casualty\% Ownership*5.0Brockway Glass21.7
Colt Industries ..... 7.7
Connecticut General ..... 5.3
Crown Cork \& Seal ..... 8.3
Curtiss-Wright ..... 28.5
Eltra Inc. ..... 8.0
Federal Paper Board ..... 7.0
GAF ..... 8.0
International Harvester ..... 10.9
Kidde, Inc. ..... 20.6
Litton Industries 22.2 Ultimately got to 28\%
National Can18.3
Reichold Chemical ..... 22.0
Rexnord ..... 5.5
Sem Tech ..... 22.4
Travelers ..... 5.3
US Fidelity \& Guaranty ..... 7.7

## Stock Repurchase

# Value Creative or Value Destructive? 

Presentation to the Value Investing Congress

November 28, 2007

Exhibit 15

## Answer

## YES!

## Exhibit 16

## Warren Buffett on Stock Repurchase

- One usage of retained earnings we often greet with special enthusiasm when practiced by companies in which we have an investment interest is repurchase of their own shares. The reasoning is simple: if a fine business is selling in the market place for far less than intrinsic value, what more certain or more profitable utilization of capital can there be than significant enlargement of the interests of all owners at that bargain price?
Source: 1980 Berkshire Hathaway Annual Report
-The companies in which we have our largest investments have all engaged in significant stock repurchases at times when wide discrepancies existed between price and value. As shareholders, we find this encouraging and rewarding ...By making repurchases when a company's market value is well below its business value, management clearly demonstrates that it is given to actions that enhance the wealth of shareholders, rather than to actions that expand management's domain but that do nothing for (or even harm) shareholders. Seeing this, shareholders and potential shareholders increase their estimates of future returns from the business.
- A manager who consistently turns his back on repurchases, when these clearly are in the interests of owners, reveals more than he knows of his motivations. No matter how often or how eloquently he mouths some public relations-inspired phrase such as "maximizing shareholder wealth" (this season's favorite), the market correctly discounts assets lodged with him. His heart is not listening to his mouth—and, after a while, neither will the market.


## Exhibit 17

## S\&P 500

|  | Market Value <br> \$ Bill | Operating Earnings \$ Bill | $\begin{aligned} & \text { Dividends } \\ & \text { \$ Bill } \\ & \hline \end{aligned}$ | Buybacks \$ Bill | Buyback over Dividend | Dividend \& Buyback 12M Yield | Comb. Yield less $10-\mathrm{yr}$ T-Note Yield |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 06/30/2007 | \$13,349.73 | \$214.19 | \$59.44 | \$157.76 | 2.65 | 5.43\% | 0.58 pp |
| 03/31/2007 | 12,706.32 | 200.23 | 58.32 | 117.70 | 2.02 | 5.34\% | 0.66 |
| 12/31/2006 | 12,728.86 | 197.35 | 61.76 | 105.18 | 1.70 | 5.15\% | 0.52 |
| 09/30/2006 | 12,019.85 | 207.22 | 54.78 | 109.81 | 2.00 | 5.39\% | 0.50 |
| 06/30/2006 | 11,496.84 | 198.67 | 54.46 | 116.66 | 2.14 | 5.34\% | 0.27 |
| 03/31/2006 | 11,659.69 | 186.85 | 53.25 | 100.18 | 1.88 | 4.92\% | 0.35 |
| 12/31/2005 | 11,254.54 | 182.03 | 54.83 | 104.28 | 1.90 | 4.90\% | 0.41 |
| 09/30/2005 | 11,082.59 | 169.92 | 48.99 | 81.47 | 1.66 | 4.58\% | 0.37 |
| 06/30/2005 | 10,890.01 | 177.52 | 49.03 | 81.42 | 1.66 | 4.31\% | 0.15 |
| 03/31/2005 | 10,819.81 | 164.97 | 48.99 | 82.05 | 1.68 | 3.92\% | -0.37 |
| 12/31/2004 | 11,288.60 | 167.20 | 49.68 | 66.42 | 1.34 | 3.35\% | -0.82 |
| 09/30/2004 | 10,397.80 | 157.47 | 45.54 | 45.68 | 1.00 | 3.34\% | -0.96 |
| 06/30/2004 | 10,623.42 | 158.12 | 43.43 | 42.46 | 0.98 | 3.11\% | -1.49 |
| 03/31/2004 | 10,461.32 | 147.42 | 42.36 | 42.92 | 1.01 | 2.97\% | -1.05 |
| 12/31/2003 | 10,285.83 | 137.65 | 46.76 | 38.53 | 0.82 | 2.84\% | -1.45 |
| 09/30/2003 | 9,207.69 | 133.22 | 39.96 | 34.13 | 0.85 | 3.00\% | -1.23 |
| 06/30/2003 | 9,001.01 | 119.34 | 37.74 | 28.36 | 0.75 | 3.04\% | -0.58 |
| 03/31/2003 | 7,826.70 | 115.16 | 36.19 | 30.03 | 0.83 | 3.53\% | -0.39 |
| 12/31/2002 | 8,107.41 | 110.03 | 39.22 | 30.62 | 0.78 | 3.39\% | -0.62 |
| 09/30/2002 | 7,518.37 | 107.07 | 35.97 | 35.18 | 0.98 | 3.65\% | -0.61 |
| 06/30/2002 | 9,090.53 | 106.90 | 38.11 | 30.98 | 0.81 | 3.03\% | -2.07 |
| 03/31/2002 | 10,501.89 | 99.31 | 34.51 | 30.47 | 0.88 | 2.61\% | -2.47 |
| 12/31/2001 | 10,463.39 | 90.59 | 36.27 | 32.75 | 0.90 | 2.62\% | -2.15 |
| 09/30/2001 | 9,436.72 | 83.04 | 37.53 | 34.63 | 0.92 | 2.91\% | -2.07 |
| 06/30/2001 | 11,027.29 | 81.24 | 34.58 | 33.62 | 0.97 | 2.44\% | -2.83 |
| 03/31/2001 | 10,384.68 | 96.03 | 33.83 | 31.21 | 0.92 | 2.63\% | -2.42 |
| Average |  |  |  |  |  | 3.76\% | -0.76 pp |

Source: Standard \& Poor's Index Services, FRB, and Omega Advisors, Inc.

## Exhibit 18

## Observed Types of Buybacks

Type 1: No opinion on valuation, but management's attempt to merely offset option dilution to avoid shareholder flack over option creep.

Type 2: Very nefarious conduct on the part of management where companies actively buy back stock to accommodate executives happy to exercise options and sell their stock back to the company at better prices than they would have otherwise received.

Type 3: Management has no opinion on valuation, but is simply returning money to shareholders via repurchase as opposed to a dividend. The reasoning goes as follows: dividends are forever whereas if corporate circumstances change, they can always suspend the buyback program. When I hear that, I remind managements that with the average stock yielding $2 \%$, for every share a corporation buys back, they are buying back 50 years of dividends in one shot. In our view, if a reasonable dividend turns out to be mistake, the corporate purchase program would turn out to be a disaster.

Type 4: The last type of repurchase program is the one that we like and the one that Warren Buffett obviously identified with when he made his comments in the early ' 80 's. That type of program is where managements have correctly identified a mispricing of their equity and by retiring shares they are going to leverage returns to the long-term equity holder. Regrettably, all too few managements have shown an astuteness in identifying such valuation.

## Exhibit 19

## Microsoft Corporation




[^1]
## Intel Corporation



__ Intel Price Performance Relative to S\&P 500 in Percentage Points Since October 2002

Source: FactSet, and Omega Advisors, Inc.

## Cisco Systems



[^2]
## Lexmark International, Inc.



Source: FactSet, and Omega Advisors, Inc.

## Countrywide Financial Corporation




[^3]
## Masco Corporation




[^4]
## Pulte Homes



[^5]
## Lennar Corporation




[^6]
## Circuit City Stores



[^7]
## Chico's FAS



[^8]The Timberland Company




Source: FactSet, and Omega Advisors, Inc.

## CenturyTel, Inc.




Source: FactSet, and Omega Advisors, Inc.

## Transocean Inc.



Source: FactSet, and Omega Advisors, Inc.

## Schlumberger Limited



Source: FactSet, and Omega Advisors, Inc.

## Loews Corporation




[^9]
## Levers to Create Shareholder Value

## Share Repurchases

```
12/31/71: 1,300
```

in millions
From 1971 to 1981, Loews issued approximately 342 million shares, the bulk of which related to the prior acquisition of Lorillard


## Levers to Create Shareholder Value

## Share Repurchases by Decade

(in millions except for per share figures and adjusted for all stock splits)

|  | Shares Repurchased | Total Cost | Average Cost/Share | $\%$ of Beginning Shares |
| :---: | :---: | :---: | :---: | :---: |
| 1970s | 344 | \$144 | \$0.42 | 26.5\% |
| 1980s | 396 | 824 | 2.08 | 37.0\% |
| 1990s | 274 | 2,569 | 9.38 | 30.4\% |
| 2000s* | 92 | 1,755 | 19.12 | 14.6\% |
| Total | 1,106 | \$5,292 | \$4.78 |  |

[^10]
## Loews Corporation - A Holding Company



## Exhibit 37

Considerations for Determining Whether Stock Repurchase Makes Sense

1. Are we buying back stock at a discount to private market or merger market value?
2. Do we have a growing business that will be worth more over time-e.g. what does our five year budget produce in the way of a present value of the income flow? Are we at a sufficient discount to that derived value-e.g. 15-20\%?
3. What does the buyback add to our cash flow and earnings per share?
4. Since we live in an uncertain world, our advocacy is not to buy back so much stock as to radically change the risk profile of the corporation.

[^0]:    * Alw ays had right to accept more

[^1]:    Source: FactSet, and Omega Advisors, Inc.

[^2]:    Source: FactSet, and Omega Advisors, Inc.

[^3]:    Source: FactSet, and Omega Advisors, Inc.

[^4]:    Source: FactSet, and Omega Advisors, Inc.

[^5]:    Source: FactSet, and Omega Advisors, Inc.

[^6]:    Source: FactSet, and Omega Advisors, Inc.

[^7]:    Source: FactSet, and Omega Advisors, Inc.

[^8]:    Source: FactSet, and Omega Advisors, Inc.

[^9]:    Source: FactSet, and Omega Advisors, Inc.

[^10]:    * Through March 31, 2007

