## SIRE LINE CAPITAL MANAGEMENT

## HOW TO TURN \$10,000 INTO \$10,000,000: INVEST LIKE WARREN BUFFETT



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## Sire Line Capital Management

Who are we?
$>$ A registered investment adviser based in New York
$>$ We provide investment management services to all types of investors
> The foundation of our investment philosophy was inspired by Warren Buffett
Why are we giving this presentation?
$>$ To remove the mystery of investing in the stock market
$>$ To show you why some money managers outperform others over the long term
$>$ To help you better protect and grow your hard-earned assets

## Sire Line Capital Management

To protect and grow your hard-earned assets...
$>$ Your money must keep up with inflation and taxes.
$>$ Stocks have provided the highest return on investment over the long term.


## A \$10,000 Investment in Warren Buffett?

Warren Buffett: Professional Money Manager?
$>1956$ - 1969: Buffett Partnerships (an early hedge fund)
> 1965 - Today: Chairman \& CEO of Berkshire Hathaway

## *Question:

If you had invested $\$ 10,000$ in the Buffett Partnership in 1956 and rolled it over into Berkshire Hathaway stock in 1969, how much would you have had at the end of 2010?

## A \$10,000 Investment in Warren Buffett?

Would you believe...Over $\$ \mathbf{6 7 6}$ million at the end of 2010!

*Buffett LTD/Berkshire BV represents partnership returns from 1957-1968 plus book value growth in Berkshire Hathaway from 1969-2010.
**Dow/S\&P 500 represents the total return in the Dow Jones Industrial Average from 1957-1968 and S\&P 500 Index from 1969-2010.

## Compounded Annual Returns

Buffett: 22.9\%; Dow/S\&P 500: 9.4\%

## A \$10,000 Investment in Warren Buffett?

How did he do it? By...
$>$ investing in high-tech, high-growth stocks?
No.
$>$ investing in newly created public companies?
No.
$>$ day-trading?
No.
$>$ trading on inside information?
No.
$>$ predicting the future better than others?
No.

## Warren Buffett Tenets

Only invest in high-quality businesses that:

1) Are simple to understand
2) Have favorable long-term economic characteristics
3) Are managed by honest and able managers
4) Can be purchased at a significant discount to intrinsic value

An Example:

## Buffett's Most Recent Investment:



I. Simple to understand?
> They provide IT support services for corporations
> Over 100 years old
> Significant global presence, operating in more than 170 countries
$>$ Nearly $60 \%$ of its operating income is annuity-like/recurring.
> 5 operating segments:

| Segments: | Main Products/Services: | $\%$ of Income | Margins |
| :--- | :--- | :---: | :---: |
| Software | Middleware and operating systems software | $44 \%$ | $35 \%$ |
| Global Technology Services | IT outsourcing services | $27 \%$ | $15 \%$ |
| Global Business Services | Analytics, Strategy, Consulting | $13 \%$ | $15 \%$ |
| Global Financing | Client financing | $9 \%$ | $48 \%$ |
| Systems and Technology | Enterprise server and storage systems | $7 \%$ | $8 \%$ |


II. Consistent operating history/favorable long-term prospects?
> Buffett: "It is a big deal for a large company to change auditors, law firms or IT support."
> Strengths in R\&D: IBM has been awarded more U.S. patents every year than any other company for 18 consecutive years ( 5,896 in 2010 alone)
> 5 year CAGR: Sales $/$ share $=8.4 \%$, EPS $=16.6 \%$
> Free cash flow margins = 15\%
> 5-yr avg. return on invested capital $=27 \% ;$ ROE $=70 \%$


III. Managed by honest and able managers?
$>$ Setting long-term goals and achieving them?

IBM Transformation Continues





III. Managed by honest and able managers? (cont.)
> Returning value to shareholders?

| Historical Cash Flows |  |  |
| :---: | :---: | :---: |
| (in millions) |  |  |
| Cumulative Cash Flows: 2007-2011 | Total | Line |
| Cash flows from operations | \$96,621 | 1 |
| - Capital expenditures | 20,291 | 2 |
| = Free cash flow (FCF) | 76,330 | 3 |
| - Acquisitions and additions to assets | 19,039 | 4 |
| + Disposal of fixed assets | 2,837 | 5 |
| $=$ FCF before financing activities | 60,128 | 6 |
| + Net Issuance of debt | 7,251 | 7 |
| $=$ FCF available for div. \& repurchases | 67,379 | 8 |
| Cash dividends paid | 14,242 | 9 |
| + Stock repurchases | 52,533 | 10 |
| = Total Returned to Shareholders | 66,775 | 11 |

*If you had invested in
IBM at the beginning
of 2007, within 5 years
you would have
received over half of
your investment back
through dividends and
stock repurchases.
Meanwhile, the stock
doubled over that time.

IV. Trading at a significant discount to intrinsic value?
$>$ Buffett looks for companies whose business economics...


...have performed better than their stock prices.


IV. Trading at a significant discount to intrinsic value? (cont.)
> Traditional measures of value suggest...

| Traditional Valuation | $\underline{\text { As of }}$ |
| :--- | ---: |
| (in millions, except per share) | $\underline{3 / 31 / 2011^{*}}$ |
| Stock price | $\$ 163.00$ |
| x Shares outstanding | 1,287 |
| $=$ Market value of equity | $\$ 209,846$ |
|  |  |
| + Total debt | $\$ 28,624$ |
| - Cash | $\$ 11,651$ |
| Enterprise value (EV) | $\$ 226,819$ |
|  |  |
| Income Statement: | $\$ 11.52$ |
| FY2010 EPS | $\$ 22,981$ |
| FY2010 EBITDA | $\$ 99,870$ |
| FY2010 SALES |  |
| Valuation Multiples: | $\mathbf{1 4 . 2 x}$ |
| P/E | $\mathbf{2 . 3 x}$ |
| EV/SALES | $\mathbf{9 . 9 x}$ |
| EV/EBITDA |  |

> "The stock market is filled with individuals who know the price of everything, but the value of nothing.' -Philip Fisher

> But...What is the VALUE of IBM?

*Buffett started buying in early 2011.

IV. Trading at a significant discount to intrinsic value? (cont.)
$>$ Value comes from three main sources: Assets, Earnings Power and Growth.
$>$ Separate the good information from the bad information.


Adapted from Bruce Greenwald's Value Investing Program at Columbia Business School.


## Equity Valuation of IBM at the end of 2010:

> Asset Value = $\$ 98.9$ billion
> Earnings power value $=\$ 215$ billion. Growth does add value!
> Total intrinsic value likely between $\$ 320$ billion - $\$ 360$ billion.


Adapted from Bruce Greenwald's Value Investing Program at Columbia Business School.

## 

IV. Trading at a significant discount to intrinsic value? (cont.)
$>$ From 1999 through 2002, the stock was overvalued.
$>$ In 2008-2009, the stock was trading close to reproduction value.
> Today (January 31, 2012), IBM's stock remains undervalued (paying nothing for future growth).


IV. Trading at a significant discount to intrinsic value? (cont.)
> Another way to look at it: Free Cash Flow implied rate of return...

|  | Expected Forward Rate of Return | 2011 |
| ---: | ---: | ---: |
| $/$ | Free cash flow | $\$ 16,604$ |
| $=$ | Free cash yield | $\$ 162,630$ |
| + | Volume growth | $10.2 \%$ |
| + | Inflation | $2.0 \%$ |
| $=$ | Free cash flow implied forward rate of return | $14.0 \%$ |
|  |  |  |
| vs. | 10 -year Treasury bond yield | $3.5 \%$ |



## Does IBM pass all of Warren Buffett's tenets?

$\checkmark$ Simple to understand?
$\checkmark$ Have favorable long-term economic characteristics?
$\checkmark$ Managed by honest and able managers?
$\checkmark$ Can it be purchased at a significant discount to intrinsic value?

## Conclusion:

1. Buffett bought IBM for roughly $60 \%$ of its true underlying value!
2. Free cash flow-based implied forward rate of return $=14 \%$ !!

## What about other Stocks?:

## More Examples...

## Another Example: Microsoft ${ }^{\text {* }}$



## Another Example: amazon.com



## Another Example:



## Another Example: Gohnson afohnson



## Conclusion:

1. JNJ is trading at half of its underlying value!
2. Free cash flow-based implied forward rate of return $=14 \%+$

## Another Example:

Historical Valuation


## Another Example: GOOgle



## Professional Money Managers

## You should be asking me...

If Buffett's investment philosophy is so simple, why don't more professional money managers invest the same way he does?

Answer?
$>$ Why do people still smoke cigarettes?
$>$ Why do so many people live beyond their means?
$>$ Why do millions of people play the lottery?
*When we have an emotional connection to something (i.e. money), we do not always make the best decisions.

## Systematic Risk?

## How do you know if the overall stock market is overvalued or undervalued?



## Expected Returns - The Equity Markets

Are equity markets overvalued or undervalued?
$>$ Slightly overvalued when measured against GDP
> Significantly undervalued when measured against bonds.



## Expected Returns - The S\&P 500 Index

Long-term returns for the general market will likely be 7\%-10\% from here. Assumptions:
> $5 \%$ earnings growth for the S\&P 500 Index.
$>$ A range (10x-25x) of price/earnings multiples for the S\&P 500 ten years out (smaller colored lines).
Results:
> The thick black line is the actual 10-year rolling average forward return for the S\&P 500.
$>$ In 1999, the average forward 10-year return for the market was negative.
> Looking forward from 2011, average annual returns could be as high as $13 \%$ (assuming an end P/E multiple of 25), or as low as 3\% (assuming an end P/E multiple of 10).


## Systematic Risk?

Is the overall stock market overvalued or undervalued?
> Slightly overvalued relative to GDP.
> Undervalued vs. bonds.
> Expected 10 -year forward rate of return $=7 \%-10 \%$ per year.

## How to Turn \$10,000 into \$10,000,000 ?

## A $13.7 \%$ rate of return is what you need to turn $\$ 10,000$ into $\$ 10,000,000$.

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Starting Value = $10,000
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| Length of Time |  | Rates of Return |  |  | Buffett |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 5\% | 10\% | 13.7\% | 22.87\% |
| 10 | years | \$16,289 | \$25,937 | \$35,950 | \$78,426 |
| 20 | years | \$26,533 | \$67,275 | \$129,238 | \$615,060 |
| 30 | years | \$43,219 | \$174,494 | \$464,604 | \$4,823,650 |
| 40 | years | \$70,400 | \$452,593 | \$1,670,235 | \$37,829,825 |
| 54 | years | \$139,387 | \$1,718,719 | \$10,017,279 | \$676,201,838 |

Your goal as an investor should simply be to purchase, at a rational price, a part interest in an easily understandable business whose earnings are virtually certain to be materially higher five, ten and twenty years from now."

- Warren Buffett


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