

# Weekly Stock Scanner Result

## 20171106 to 20171112

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## 1 Portfolio

All cash.

### 1.1 Action

Not applicable

## 2 Stocks that passed scanning

There are 4 out of 4820 stocks passed the scanning. They are:

Table 1: Stocks that passed scanning

Symbol	Name	Sector	Market Cap	Exchange
PFG	Principal Financial Group Inc	Finance	\$19.87B	NYSE
FB	Facebook, Inc.	Technology	\$519.62B	Nasdaq
NTRI	NutriSystem Inc	Consumer Services	\$1.49B	Nasdaq
NVEE	NV5 Global, Inc.	Consumer Services	\$600.14M	Nasdaq

After double checking with online information, only PFG, NVEE and FB pass the final checking.

### 2.1 Actions

PFG shows a double bottom pattern. It is suggested to purchase PFG at 69. Please refer to Table 2, Table 3 and Figure 1

Market conditions have been checked. From 9/29/2017 to 11/2/2017, S&P 500 has one distribution day. NASDAQ has three distribution days. DJI has zero distribution day. All three major indexes show no topping sign.

On November 3, 2017, I have put a stop limit order with stop at 69 and limit at 69. Take profit price is 79.35. Stop loss price is 65.55.

Table 2: Double Bottom Pattern		
Left	Date	42856
	Price	64.91
Bottom 1	Date	N.A.
	Price	60.55
Middle	Date	N.A.
	Price	67.37
Bottom 2	Date	N.A.
	Price	59.92
Right	Date	43033
	Price	67.68

Table 3: Double Bottom Checking

	Actual	Rquired	Passed
Bottom 2 compared with Bottom 1	N.A.	B2 j B1	TRUE
Base Length	25.28571	7	TRUE
Base Correction	-11.4657	-30	TRUE
W shape	W	W	TRUE

### 3 Appendix

Table 4: Quarterly EPS					
Symbol	DEPS Q1	DEPS Q2	DEPS Q3	DEPS Q4	DEPS Q5
PFG	2.76424	1.0574	1.19323	1.08755	1.05765
FB	1.31955	1.04076	1.42719	0.81612	0.78158
NTRI	0.49596	0.80895	0.24822	0.29498	0.26644
NVEE	0.40275	0.21177	0.31282	0.32877	0.31168

Table 5: Quarterly Sales

<b>Symbol</b>	<b>TR Q1</b>	<b>TR Q2</b>	<b>TR Q3</b>	<b>TR Q4</b>	<b>TR Q5</b>
PFG	4644.4	3192.5	3078.2	3542.8	2829.3
FB	9321	8032	8809	7011	6436
NTRI	158.149	194.894	212.677	108.947	124.571
NVEE	83.736	64.059	63.022	60.091	55.892

Table 6: EPS, Cash Flow, Sales TTM

<b>Symbol</b>	<b>EPS TTM</b>	<b>CashTTM</b>	<b>RetTTM</b>
PFG	6.10242	7.539723	15.67812
FB	4.39066	5.49475	22.04785
NTRI	1.84811	2.34781	50.49423
NVEE	1.25611	2.13505	9.02804

Table 7: Annual EPS

<b>Symbol</b>	<b>DEPS Y1</b>	<b>DEPS Y2</b>	<b>DEPS Y3</b>	<b>DEPS Y4</b>	<b>DEPS Y5</b>
PFG	4.49778	4.05805	3.71979	2.95003	2.57523
FB	3.49299	1.29267	1.1036	0.59595	0.02493
NTRI	1.19056	0.88559	0.65804	0.25407	-0.102
NVEE	1.21666	1.17685	0.875	0.69548	0.52032

Table 8: Consensus Earnings and Institutional Ownership

<b>Symbol</b>	<b>CEPS Y1</b>	<b>CEPS Y2</b>	<b>Number Institu- tional Share- holders</b>	<b>Institutional Owner- ship</b>
PFG	5.21	5.59	1406	88
FB	5.32	6.59	3579	82
NTRI	1.95	2.268	531	164
NVEE	2.28	2.825	219	92

Table 9: S&P500 Distribution Day						
	Date	S&P500 Close Price	Delta Price %	S&P500 Volume at Close	Delta Volume %	Distribution Offset Date Count
1	43007	2519.36		3.21E+09		
2	43010	2529.12	0.003874	3.2E+09	-0.0038	0
3	43011	2534.58	0.002159	3.07E+09	-0.0409	0
4	43012	2537.74	0.001247	3.02E+09	-0.01686	0
5	43013	2552.07	0.005647	3.05E+09	0.00928	0
6	43014	2549.33	-0.00107	2.88E+09	-0.05272	0
7	43017	2544.73	-0.0018	2.48E+09	-0.13888	0
8	43018	2550.64	0.002322	2.96E+09	0.191842	0
9	43019	2555.24	0.001804	2.98E+09	0.005266	0
10	43020	2550.93	-0.00169	3.15E+09	0.058943	0
11	43021	2553.17	0.000878	3.15E+09	-0.00066	0
12	43024	2557.64	0.001751	2.92E+09	-0.07411	0
13	43025	2559.36	0.000673	2.89E+09	-0.00913	0
14	43026	2561.26	0.000742	3E+09	0.03762	0
15	43027	2562.1	0.000328	2.99E+09	-0.00246	0
16	43028	2575.21	0.005117	3.38E+09	0.131721	0
17	43031	2564.98	-0.00397	3.21E+09	-0.0511	0
18	43032	2569.13	0.001618	3.43E+09	0.067136	0
19	43033	2557.15	-0.00466	3.87E+09	0.130475	1 0.008877
20	43034	2560.4	0.001271	3.87E+09	-0.00141	0
21	43035	2581.07	0.008073	3.89E+09	0.004668	0
22	43038	2572.83	-0.00319	3.66E+09	-0.05872	0
23	43039	2575.26	0.000944	3.83E+09	0.046014	0
24	43040	2579.36	0.001592	3.81E+09	-0.00367	0
25	43041	2579.85	0.00019	2.42E+09	-0.36621	0
					Offset	0
					Total	1
					Topping	FALSE

Table 10: NASDAQ Distribution Day						
	Date	NASDAQ Close Price	Delta Price %	NASDAQ Volume at Close	Delta Volume %	Distribution Offset Date Count
1	43007	6495.96		1.97E+09		
2	43010	6516.72	0.003196	1.98E+09	0.004731	0
3	43011	6531.71	0.0023	1.97E+09	-0.0039	0
4	43012	6534.63	0.000447	1.94E+09	-0.01568	0
5	43013	6585.36	0.007763	1.88E+09	-0.03238	0
6	43014	6590.18	0.000732	1.74E+09	-0.07101	0
7	43017	6579.73	-0.00159	1.49E+09	-0.14454	0
8	43018	6587.25	0.001143	1.8E+09	0.207149	0
9	43019	6603.55	0.002474	1.83E+09	0.017206	0
10	43020	6591.51	-0.00182	2E+09	0.092938	0
11	43021	6605.8	0.002168	1.76E+09	-0.12213	0
12	43024	6624	0.002755	1.63E+09	-0.07213	0
13	43025	6623.66	-5.1E-05	1.65E+09	0.010899	0
14	43026	6624.22	8.46E-05	1.73E+09	0.052688	0
15	43027	6605.07	-0.00289	1.82E+09	0.051804	1 0.016635
16	43028	6629.05	0.003631	1.79E+09	-0.01593	0
17	43031	6586.83	-0.00637	1.81E+09	0.008084	1 0.01945
18	43032	6598.43	0.001761	1.84E+09	0.018416	0
19	43033	6563.89	-0.00523	2.19E+09	0.188903	1 0.023013
20	43034	6556.77	-0.00108	2.11E+09	-0.03766	0
21	43035	6701.26	0.022037	2.4E+09	0.140114	0
22	43038	6698.96	-0.00034	2.01E+09	-0.16224	0
23	43039	6727.67	0.004286	2.04E+09	0.015023	0
24	43040	6716.53	-0.00166	2.06E+09	0.006346	0
25	43041	6714.943	-0.00024	1.97E+09	-0.04392	0
					Offset	0
					Total	3
					Topping	FALSE

Table 11: DJI Distribution Day						
	Date	DJI Close Price	Delta Price %	DJI Volume at Close	Delta Volume %	Distribution Offset Date Count
1	43007	22405.09		2.75E+08		
2	43010	22557.6	0.006807	2.69E+08	-0.02278	0
3	43011	22641.67	0.003727	2.39E+08	-0.1106	0
4	43012	22661.64	0.000882	2.36E+08	-0.01298	0
5	43013	22775.39	0.005019	2.46E+08	0.045264	0
6	43014	22773.67	-7.6E-05	2.21E+08	-0.10126	0
7	43017	22761.07	-0.00055	3.11E+08	0.403342	0 0.033179
8	43018	22830.68	0.003058	3.19E+08	0.027351	0
9	43019	22872.89	0.001849	3.16E+08	-0.01024	0
10	43020	22841.01	-0.00139	2.92E+08	-0.07661	0
11	43021	22871.72	0.001345	2.6E+08	-0.11046	0
12	43024	22956.96	0.003727	2.47E+08	-0.0477	0
13	43025	22997.44	0.001763	2.73E+08	0.104822	0
14	43026	23157.6	0.006964	2.72E+08	-0.00447	0
15	43027	23163.04	0.000235	3.5E+08	0.288851	0
16	43028	23328.63	0.007149	4.74E+08	0.353824	0
17	43031	23273.96	-0.00234	4.57E+08	-0.037	0
18	43032	23441.76	0.00721	4.07E+08	-0.10941	0
19	43033	23329.46	-0.00479	4E+08	-0.01792	0
20	43034	23400.86	0.00306	3.71E+08	-0.07248	0
21	43035	23434.19	0.001424	5.19E+08	0.400081	0 0.003502
22	43038	23348.74	-0.00365	4.37E+08	-0.15798	0
23	43039	23377.24	0.001221	3.88E+08	-0.11181	0
24	43040	23435.01	0.002471	3.61E+08	-0.06904	0
25	43041	23516.26	0.003467	3.48E+08	-0.0366	0
					Offset	0
					Total	0
					Topping	FALSE



Figure 1: PFG Double Bottom