

Harbor Disruptive Innovation Fund

PORTFOLIO HOLDINGS

As of 09/30/2022

Subadvisor: Harbor Capital Advisors, Inc. (Disruptive Innovation) Fund - Since 09/01/2021

Portfolio Managers: Spenser Lerner, CFA, Kristof Gleich, CFA

Ticker Symbol	Asset Description	Shares/Par/ Contracts	Current Base Price \$	Base Market Value \$	% of Total Net Assets
AMZN	Amazon.com Inc.	37,666	113.00	4,256,258	3.99
LRCX	Lam Research Corporation	9,752	366.00	3,569,232	3.35
TSLA	Tesla Inc	13,409	265.25	3,556,737	3.34
MCHP	Microchip Technology Incorporated	55,718	61.03	3,400,470	3.19
WDAY	Workday Inc. Class A	22,015	152.22	3,351,123	3.14
NOW	ServiceNow Inc.	8,701	377.61	3,285,585	3.08
ADYEN	Adyen NV	2,547	1,275.31	3,248,211	3.05
CRM	Salesforce Inc.	22,428	143.84	3,226,044	3.03
MSFT	Microsoft Corporation	13,793	232.90	3,212,390	3.01
TEAM	Atlassian Corp. Plc	13,374	210.59	2,816,431	2.64
MELI	MercadoLibre Inc.	3,384	827.78	2,801,208	2.63
CDNS	Cadence Design Systems Inc.	16,616	163.43	2,715,553	2.55
BALL	Ball Corporation	48,931	48.32	2,364,346	2.22
TMUS	T-Mobile US Inc.	17,616	134.17	2,363,539	2.22
TXN	Texas Instruments Incorporated	14,569	154.78	2,254,990	2.11
DHR	Danaher Corporation	8,682	258.29	2,242,474	2.10
SNOW	Snowflake Inc. Class A	12,793	169.96	2,174,298	2.04
OKTA	Okta Inc. Class A	37,535	56.87	2,134,615	2.00
GOOGL	Alphabet Inc. Class A	20,261	95.65	1,937,965	1.82
GOOG	Alphabet Inc. Class C	19,971	96.15	1,920,212	1.80
NET	Cloudflare Inc Class A	34,175	55.31	1,890,219	1.77
WOLF	Wolfspeed Inc	14,853	103.36	1,535,206	1.44
CMG	Chipotle Mexican Grill Inc.	986	1,502.76	1,481,721	1.39
DDOG	Datadog Inc Class A	15,559	88.78	1,381,328	1.30
ICLR	ICON Plc	7,284	183.78	1,338,654	1.26
ASND	Ascendis Pharma A/S Sponsored ADR	12,647	103.26	1,305,929	1.22
ASML	ASML Holding NV	2,988	424.78	1,269,231	1.19
PYPL	PayPal Holdings Inc.	13,952	86.07	1,200,849	1.13

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SQ	Block Inc. Class A	21,772	54.99	1,197,242	1.12
PARA	Paramount Global Class B	62,118	19.04	1,182,727	1.11
IOT	Samsara Inc. Class A	93,605	12.07	1,129,812	1.06
BCYC	Bicycle Therapeutics Plc Sponsored ADR	44,112	23.26	1,026,045	0.96
DASH	DoorDash Inc. Class A	20,116	49.45	994,736	0.93
RCKT	Rocket Pharmaceuticals Inc.	62,226	15.96	993,127	0.93
META	Meta Platforms Inc. Class A	7,125	135.68	966,720	0.91
SE	Sea Ltd. (Singapore) Sponsored ADR Class A	15,507	56.05	869,167	0.82
ZI	ZoomInfo Technologies Inc	21,092	41.66	878,693	0.82
AMD	Advanced Micro Devices Inc.	13,018	63.36	824,820	0.77
FTNT	Fortinet Inc.	16,747	49.13	822,780	0.77
AMAT	Applied Materials Inc.	9,860	81.93	807,830	0.76
PODD	Insulet Corporation	3,483	229.40	799,000	0.75
HUBS	HubSpot Inc.	2,890	270.12	780,647	0.73
LNTH	Lantheus Holdings Inc	11,089	70.33	779,889	0.73
KRYS	Krystal Biotech Inc.	10,947	69.70	763,006	0.72
HUM	Humana Inc.	1,565	485.19	759,322	0.71
MDB	MongoDB Inc. Class A	3,531	198.56	701,115	0.66
SMAR	Smartsheet Inc. Class A	20,471	34.36	703,384	0.66
SHOP	Shopify Inc. Class A	25,806	26.94	695,214	0.65
ZS	Zscaler Inc.	4,223	164.37	694,135	0.65
DXCM	DexCom Inc.	8,445	80.54	680,160	0.64
RGNX	REGENXBIO Inc.	25,489	26.43	673,674	0.63
RNA	Avidity Biosciences Inc	39,566	16.33	646,113	0.61
PCOR	Procore Technologies Inc	12,689	49.48	627,852	0.59
ALLO	Allogene Therapeutics Inc.	57,061	10.80	616,259	0.58
LLY	Eli Lilly and Company	1,927	323.35	623,095	0.58
NVDA	NVIDIA Corporation	5,052	121.39	613,262	0.58
AMED	Amedisys Inc.	6,080	96.79	588,483	0.55
IDXX	IDEXX Laboratories Inc.	1,772	325.80	577,318	0.54

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ARWR	Arrowhead Pharmaceuticals Inc.	16,313	33.05	539,145	0.51
ARVN	Arvinas Inc.	12,313	44.49	547,805	0.51
COO	Cooper Companies Inc.	2,070	263.90	546,273	0.51
AKUS	Akouos Inc.	78,720	6.76	532,147	0.50
BIO	Bio-Rad Laboratories Inc. Class A	1,288	417.14	537,276	0.50
MTD	Mettler-Toledo International Inc.	486	1,084.12	526,882	0.49
TMO	Thermo Fisher Scientific Inc.	1,022	507.19	518,348	0.49
LONN	Lonza Group AG	990	494.08	489,141	0.46
NEE	NextEra Energy Inc.	6,207	78.41	486,691	0.46
REPL	Replimune Group Inc.	25,917	17.27	447,587	0.42
QURE	uniQure N.V.	20,791	18.76	390,039	0.37
CTLT	Catalent Inc	5,318	72.36	384,810	0.36
IOVA	Iovance Biotherapeutics Inc	34,670	9.58	332,139	0.31
ZM	Zoom Video Communications Inc. Class A	4,347	73.59	319,896	0.30
AUTL	Autolus Therapeutics Plc Sponsored ADR	139,445	2.14	298,412	0.28
BPMC	Blueprint Medicines Corp.	4,301	65.89	283,393	0.27
ROO	Deliveroo plc Class A	300,746	0.95	284,559	0.27
SYBX	Synlogic Inc	299,728	0.95	284,742	0.27
ALKS	Alkermes Plc	11,917	22.33	266,107	0.25
NVTA	Invitae Corp.	110,483	2.46	271,788	0.25
COIN	Coinbase Global Inc. Class A	3,633	64.49	234,292	0.22
FATE	Fate Therapeutics Inc.	10,313	22.41	231,114	0.22
KYMR	Kymera Therapeutics Inc.	10,982	21.77	239,078	0.22
CCCC	C4 Therapeutics Inc.	23,870	8.77	209,340	0.20
MGTA	Magenta Therapeutics Inc	152,888	1.41	215,572	0.20
PTON	Peloton Interactive Inc. Class A	30,766	6.93	213,208	0.20
CVNA	Carvana Co. Class A	9,618	20.30	195,245	0.18
AG1	AUTO1 Group SE	28,761	6.33	182,156	0.17
DTIL	Precision BioSciences Inc.	104,696	1.30	136,105	0.13
TCRR	TCR2 Therapeutics Inc.	64,569	1.80	116,224	0.11

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CABA	Cabaletta Bio Inc.	134,343	0.65	87,336	0.08
FRLN	Freeline Therapeutics Holdings Plc Sponsored ADR	123,874	0.70	86,712	0.08
Total		2,906,974		102,684,007	96.32
Cash and Other Assets Less Liabilities					3.68
Total Net Assets					100.00

This information should not be considered as a recommendation to purchase or sell a particular security. The holdings mentioned may change at any time and may not represent current or future investments.

There is no guarantee that the investment objective of the Fund will be achieved. Stock markets are volatile and equity values can decline significantly in response to adverse issuer, political, regulatory, market and economic conditions. Since the Fund may hold foreign securities, it may be subject to greater risks than funds invested only in the U.S. Investing in REITs will subject the Fund to additional risk. Investing in international and emerging markets poses special risks, including potentially greater price volatility due to social, political and economic factors, as well as currency exchange rate fluctuations. These risks are more severe for securities of issuers in emerging market regions.

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