### UNITED STATES DISTRICT COURT DISTRICT OF NEW JERSEY

OANDA CORPORATION,	)
Plaintiff,	<ul> <li>Civil Action No. 20-05784-ZNQ-DEA</li> <li>Document Filed Electronically</li> </ul>
GAIN CAPITAL HOLDINGS, INC., and GAIN CAPITAL GROUP, LLC,	) ) ) )
Defendants.	) ) ) )
	)

## DEFENDANTS GAIN CAPITAL HOLDINGS INC. AND GAIN CAPITAL GROUP, LLC'S OPENING CLAIM CONSTRUCTION BRIEF

Arnold B. Calmann (ACalmann@saiber.com)

Katherine A. Escanlar (KEscanlar@saiber.com)

### **SAIBER LLC**

One Gateway Center, 9<sup>th</sup> Floor Newark, New Jersey 07102 Telephone: (973) 622-3333

Michael B. Levin (mlevin@wsgr.com) Jamie Y. Otto (jotto@wsgr.com)

## WILSON SONSINI GOODRICH & ROSATI PC

650 Page Mill Road Palo Alto, CA 94304-1050 Telephone: (650) 493-9300

Natalie J. Morgan (nmorgan@wsgr.com)

## WILSON SONSINI GOODRICH & ROSATI PC

12235 El Camino Real San Diego, California 92130 Telephone: (858) 350-2300

Attorneys for Defendants GAIN Capital Holdings, Inc. and GAIN Capital Group, LLC Aden M. Allen (aallen@wsgr.com)
WILSON SONSINI GOODRICH &
ROSATI PC

900 S. Capital of Texas Hwy Las Cimas IV, 5<sup>th</sup> Floor Austin, TX 78746

Telephone: (512) 338-5400



### **TABLE OF CONTENTS**

		<u>P:</u>	<u>age</u>
I.	INTR	RODUCTION	1
II.	BAC	KGROUND	3
III.	RELA	ATED PROCEEDINGS	4
IV.	LEG	AL STANDARD	4
	A.	The Law of Claim Construction	4
	B.	Means-Plus-Function	5
	C.	Indefiniteness For Terms That Cannot Be Reliably Construed	7
V.	ARG	UMENT	9
	A.	"pricing engine" ('336 Patent at Claims 1-8 and 11)	9
	B.	"hedging engine" ('336 Patent at Claim 7)	. 12
	C.	"in communication with" ('336 Patent at all claims)	14
	D.	"determining" or "determined" ('311 Patent at all claims)	18
	E.	"current exchange rate(s)" ('311 Patent at all claims)	21
	F.	"requested trade price" ('311 Patent at Claims 1-7) and "requested trade price is derived [from]" ('311 Patent at Claims 2, 3, 5)	. 24
VI	CON	CLUSION	27

## **TABLE OF AUTHORITIES**

Page(s)
CASES
Astute Tech., LLC v. Learners Digest Int'l LLC, CASE NO. 2:12-CV-689-JRG., 2014 WL 1385191 (E.D. Tex. Apr. 02, 2014)7
Braintree Labs., Inc. v. Novel Labs., Inc., 749 F.3d 1349 (Fed. Cir. 2014)
Cox Commc'ns, Inc. v. Sprint Commc'n Co., 838 F.3d 1224 (Fed. Cir. 2016)
Default Proof Credit Card Sys., Inc. v. Home Depot U.S.A., Inc., 412 F.3d 1291 (Fed. Cir. 2005)2, 6, 11
Ethicon Endo-Surgery, Inc. v. United States Surgical Corp., 93 F.3d 1572 (Fed. Cir. 1996)
GE Lighting Solutions, LLC v. AgiLight, Inc., 750 F.3d 1304 (Fed. Cir. 2014)5
HZNP Meds. LLC v. Actavis Labs. UT, Inc., 940 F.3d 680 (Fed. Cir. 2019)
Interval Licensing LLC v. AOL, Inc., 766 F.3d 1364 (Fed. Cir. 2014)8
Inventio AG v. ThyssenKrupp Elevator Ams. Corp., 649 F.3d 1350 (Fed. Cir. 2011), overruled on other grounds by Williamson, 792 F.3d
Ex parte Max Out Golf LLC, Appeal 2020-001679, 2020 WL 2217159 (P.T.A.B April 30, 2020)10
Nautilus, Inc. v. Biosig Instruments, Inc., 572 U.S. 898, 134 S. Ct. 2120, 189 L. Ed. 2d 37 (2014)
Phillips v. AWH Corp., 415 F.3d 1303 (Fed. Cir. 2005)
SmithKline Beecham Corp. v. Apotex Corp., 403 F.3d 1331 (Fed. Cir. 2005)
Southwall Techs., Inc. v. Cardinal IG Co., 54 F.3d 1570 (Fed. Cir. 1995)



TVnGO Ltd. (BVI) v. LG Elecs., Inc., No. 18-10238, 2020 U.S. Dist. Lexis 67598 (D.N.J. Apr. 16, 2020)	8, 21, 24		
Williamson v. Citrix Online, 792 F.3d 1339 (Fed. Cir. 2015)	passim		
Z4 Techs., Inc. v. Microsoft Corp., 507 F.3d 1340 (Fed. Cir. 2007)	20		
STATUTES			
35 U.S.C. § 112(a)	21		
35 U.S.C. § 112 (b)	6, 7		
35 U.S.C. § 112 (f)	passim		
35 U.S.C. § 112, ¶ 2	7		
OTHER AUTHORITIES			
1999 Microsoft Computer Dictionary, Fourth Edition	18		
U.S. Patent No. 7,496,534	4		
II S. Patent Nos. 7 146 336	nassim		

Defendants GAIN Capital Holdings, Inc. and GAIN Capital Group, LLC (collectively "GAIN") respectfully submit their brief in support of their claim construction of the asserted patents: U.S. Patent Nos. 7,146,336 ("the '336 Patent") and 8,392,311 ("the '311 Patent").

### I. INTRODUCTION

Currency trading is an age-old business practice stretching back generations. While the platform for currency trading has shifted over time—from physical markets, to phones, to computers—the fundamental aspects of the trading process have endured. Traders interact with currency dealers to receive price quotes, negotiate rates, and make trades, much like any other financial transaction.

For over the last 20 years, Plaintiff OANDA Corporation ("OANDA") and GAIN have offered users an online currency trading system. When both companies launched their respective platforms, there were already online currency trading systems, and through the present day numerous other companies have offered electronic currency trading.

Across the two asserted patents, there are six terms at issue for claim construction.

Across these six terms, there are three issues: GAIN (1) identifies two terms that should be construed as means-plus-function claims that lack the required corresponding structure for such types of claims; (2) proposes constructions for two terms that track the disclosure in the patent specification; and (3) identifies two terms as not able to be reliably construed.

First: GAIN's position is that "pricing engine" and "hedging engine" (both means-plus-function terms) do not readily connote structure to a person of ordinary skill in the art ("POSA"). Indeed, both terms recite function (pricing and hedging, respectively) without reciting sufficient structure for performing such functions. Moreover, a POSA would understand that the term "engine" is a nonce term similar to "module," and thus, as in Williamson v. Citrix Online, 792

F.3d 1339, 1349 (Fed. Cir. 2015), these terms should be construed as means-plus-function terms.



# DOCKET

# Explore Litigation Insights



Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## **Real-Time Litigation Alerts**



Keep your litigation team up-to-date with **real-time** alerts and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## **Advanced Docket Research**



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## **Analytics At Your Fingertips**



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

### API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

#### **LAW FIRMS**

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

#### **FINANCIAL INSTITUTIONS**

Litigation and bankruptcy checks for companies and debtors.

## **E-DISCOVERY AND LEGAL VENDORS**

Sync your system to PACER to automate legal marketing.

