FOF	RM PTO-1595 RE	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
	10	22645333
1.	The Honorable Commissioner of Patents and Trademark	2. Name and address of receiving party(ies)
1.	realite of conveying party(ies).	2. Wante and address of receiving party(ies)
	Neal Brady	Name: Liquidity Direct Technology, LLC
	Tom Paronis	Address: 141 West Jackson Boulevard, Ste. 177
	Christopher S. Whittington Paul A. Schmid	
	Jon-Dahl	
l		•••
Add	itional name(s) of conveying party(ies) attached? ☐ Yes ☑ No	
3.	Nature of conveyance:	
		City: Chicago State: Illinois
	☐ Security Agreement ☐ Change of Name	Country: U.S.A. Zip: 60604
	= strain, rigitation = = = = = = = = = = = = = = = = = = =	
	□ Other	
Eva	cution Date: January 7, 2004	
LAC	cuton Date. January 7, 2004	Additional name(s) & address(es) attached? ☐ Yes ☒ No
4.	Application number(s) or patent number(s):	
	TORKS I	
	If this document is being filed together with a new application, the ex	ecution date of the application is:
A.	Patent Application No.(s) Filing Date	B. Patent No.(s)
	10/726,851 12/02/2003	
	Additional numbers	 s attached? □ Yes ⊠ No
	N	
5.	Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
	document should be maried.	6. Total number of applications and patents involved: 1
	Name: Robert J. Irvine III	_
	Registration No.: 41,865	7 Table 5 (27 CFD 2 41)
	registration 140 41,605	
	Company Name: McDonnell, Boehnen, Hulbert & Berghoff	⊠ Enclosed
,		
	Street Address: 300 South Wacker Drive – 32 nd Floor	☐ Authorized to be charged to deposit account
	City: Chicago State: Illinois	6 Daniel L
	City. Cincago State. Inimois	8. Deposit account number:
	Country: U.S.A. ZIP: 60606	13-2490
-	DO NOT U	ISE THIS CDACE
		SE THIS SPACE
9.	Statement and signature.	
	To the best of my knowledge and belief, the foregoing information is	true and correct and any attached copy is a true copy of the original document.
	Robert J. Irvine III	Date: January 8, 2004
	Printed Name of Person Signing	Signature Date: January 8, 2004
	V	
	Total number of pages including co	over sheet, attachments, and document: 7
		th required cover sheet information to:
	Mail Stop Assignme	ent Recordation Services
,, ~ .		es Patent and Trademark Office
/13/	1	Box 1450
EC.	Anne I de an an I Alexandria V	irginia 22313-1450

PATENT REEL: 014869 FRAME: 0106

<u>ASSIGNMENT</u>

Case No.: MBHB-03-971 Serial No.: 10/726,851

Inventors: Neal Brady, Tom Paronis, Christopher S. Whittington, Paul A. Schmid, and Jon Dahl

Date of Execution

of Application: Filing Date: December 2, 2003

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

Liquidity Direct Technology, LLC

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

METHOD AND SYSTEM FOR PROVIDING OPTION SPREAD INDICATIVE QUOTES

and identified as:

Serial No.: 10/726,851

in the US Patent Office and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

PATENT REEL: 014869 FRAME: 0107

WITNESS my hand and seal this I day of JUNIV, 2014 NEAL BRADY NEAL BRADY
State of Illings
County of Cook
The foregoing instrument was acknowledged before me this <u>L</u> day of
January, 2004 by Lings & Centro
"OFFICIAL SEAL" LINZY A. CURTIS Notary Public, State of Illinois My Commission Expires 97/12/2006
WITNESS my hand and seal this day of
TOM PARONIS
State of
County of
The foregoing instrument was acknowledged before me this day of
, by

NOTARY PUBLIC

		NEAL BRADY	
ate of	•		
ounty of	·		
The foregoing instrument	was acknowledged before	e me this day of	
, by	• • • • • • • • • • • • • • • • • • • •	•	
		- ·	
		NOTARY PUBLIC	
			• • •
,	•		
			•
			•
•			•
	a		
ITNESS my hand and scal this	7 day of Jan Jou	<u> </u>	
		Em ly	\triangleright_{0}
		TOM PARONIS	<u>· </u>
ate of		·	
unty of			
The foregoing instrument	was acknowledged before	e me this day of	•
= -		_ 	

WITNESS my hand and seal this 7 day of Line 14, 200	Cliff Sixty
State of Illinoid County of Cont	CHRISTOPHER S. WHITTINGTON
The foregoing instrument was acknowledged before	me this 't day of
January, 2004 by	Ring & Cutis
"OFFICIAL SEAL" LINZY A. CURTIS Notary Public, State of Illinois My Commission Expires 07/12/2006	NOTARY PUBLIC
WITNESS my hand and seal this day of,	<u>.</u> .
	PAUL A. SCHMID
State of County of	
The foregoing instrument was acknowledged before	me this day of
,by	
	NOTARY PUBLIC
WITNESS my hand and seal this day of,	<u>.</u>
State of County of	JON DAHL
The foregoing instrument was acknowledged before	me this day of
, by	
	NOTARY PUBLIC

-3-

State of Tling) County of Con L The foregoing instrument was acknowledged before me this	WITNESS my hand and seal this day of,	·
NOTARY PUBLIC WITNESS my hand and seal this 7 day of AN, 2004 State of The foregoing instrument was acknowledged before me this 4 day of The foregoing instrument was acknowledged before me this 4 hortary Public, State of Illinois My Commission Expires 07/12/2006 WITNESS my hand and seal thisday of JON DAHL State of County of The foregoing instrument was acknowledged before me this day of		CHRISTOPHER S. WHITTINGTON
WITNESS my hand and seal this 7 day of AN, 2004 State of TOLLAGIA The foregoing instrument was acknowledged before me this Agy of "OFFICIAL SEAL" LINZY A. CURTIS NOTARY PUBLIC NOTARY PUBLIC NOTARY PUBLIC State of Illinois My Commission Expires 07/12/2006 WITNESS my hand and seal thisday of JON DAHL State of County of The foregoing instrument was acknowledged before me this day of	The foregoing instrument was acknowledged b	pefore me this day of
WITNESS my hand and seal this Ztday of JAN, 2004 State of TOURS The foregoing instrument was acknowledged before me this day of Januar 2014 by "OFFICIAL SEAL" LINZY A. CURTIS Notary Public, State of Illinois My Commission Expires 07/12/2006 WITNESS my hand and seal this day of JON DAHL State of County of The foregoing instrument was acknowledged before me this day of	, by	
State of County of Con L The foregoing instrument was acknowledged before me this day of		NOTARY PUBLIC
State of Country of Con L The foregoing instrument was acknowledged before me this day of	WITNESS my hand and seal this $\frac{7}{6}$ day of $\frac{1}{2}$ $\frac{1}{2}$	2004) Mhm 6
"OFFICIAL SEAL" LINZY A. CURTIS Notary Public, State of Illinois My Commission Expires 07/12/2006 WITNESS my hand and seal thisday of JON DAHL State of County of The foregoing instrument was acknowledged before me this day of	County of Con L	\sim
Notary Public, State of Illinois My Commission Expires 07/12/2006 WITNESS my hand and seal this day of JON DAHL State of County of The foregoing instrument was acknowledged before me this day of	January, 2004 by "OFFICIAL SEAL"	Arry & Curtil
WITNESS my hand and seal this day of, JON DAHL State of County of The foregoing instrument was acknowledged before me this day of	Notary Public, State of Illinois My Commission Expires 07/12/2006	
State of County of The foregoing instrument was acknowledged before me this day of		·
The foregoing instrument was acknowledged before me this day of		JON DAHL
, by	•	pefore me this day of
	, by	
NOTARY PUBLIC		NOTARY PUBLIC

WITNESS my hand and seal this day of,	·
State of County of	CHRISTOPHER S. WHITTINGTON
The foregoing instrument was acknowledged before	e me this day of
, by	
	NOTARY PUBLIC
VITNESS my hand and seal this day of,	 -
	PAUL A. SCHMID
tate of county of	
The foregoing instrument was acknowledged before	re me this day of
, by	
	NOTARY PUBLIC
WITNESS my hand and seal this & day of \(\sqrt{an}, \(\frac{2}{\tag{A}} \)	v4. J. J. J. J.
State of Illinois County of Con L	JON DAHL
The foregoing instrument was acknowledged before	re me this day of
Tanuary, 201/by	Drisy & Cutis
"OFFICIAL SEAL" LINZY A. CURTIS Notary Public, State of Illinois Av Commission Expires 07/12/2006	NOTARY PUBLIC

- 3 **-**

RECORDED: 01/12/2004