

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

|                                                                                        |                          |
|----------------------------------------------------------------------------------------|--------------------------|
| SUBMISSION TYPE:                                                                       | NEW ASSIGNMENT           |
| NATURE OF CONVEYANCE:                                                                  | ASSIGNMENT               |
| CONVEYING PARTY DATA                                                                   |                          |
| Name                                                                                   | Execution Date           |
| Dean P. Alderucci                                                                      | 02/11/2009               |
| Mark A. Miller                                                                         | 02/05/2009               |
| Charles Plott                                                                          | 01/02/2009               |
| RECEIVING PARTY DATA                                                                   |                          |
| Name:                                                                                  | CFPH, LLC                |
| Street Address:                                                                        | 110 East 59th Street     |
| City:                                                                                  | New York                 |
| State/Country:                                                                         | NEW YORK                 |
| Postal Code:                                                                           | 10022                    |
| PROPERTY NUMBERS Total: 1                                                              |                          |
| Property Type                                                                          | Number                   |
| Application Number:                                                                    | 12172310                 |
| CORRESPONDENCE DATA                                                                    |                          |
| Fax Number:                                                                            | (212)308-7537            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>   |                          |
| Phone:                                                                                 | 2128297009               |
| Email:                                                                                 | dpostolski@cantor.com    |
| Correspondent Name:                                                                    | DEAN P. ALDERUCCI        |
| Address Line 1:                                                                        | CANTOR FITZGERALD, L.P.  |
| Address Line 2:                                                                        | 110 EAST 59TH STREET     |
| Address Line 4:                                                                        | New York, NEW YORK 10022 |
| ATTORNEY DOCKET NUMBER:                                                                | 08-2211                  |
| NAME OF SUBMITTER:                                                                     | DEAN P. ALDERUCCI        |
| <p>Total Attachments: 4</p> <p>source=08-2211_090212_executed_assignment#page1.tif</p> |                          |

CH \$40.00 12172310

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**PATENT**  
**REEL: 022321 FRAME: 0180**

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**ASSIGNMENT**

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, CFPH, LLC (hereinafter referred to as "Assignee"), a Delaware limited liability company, with an address of 110 E. 59th Street, New York, New York 10022, desires to acquire my entire right, title and interest in and to the invention, and in and to said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I hereby confirm having assigned to Assignee, as of the earliest filing date or priority date of any patent application or applications drawn to the invention, all right, title, and interest in and to the invention, and in and to any and all such patent applications and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof, by virtue of the Assignee being entitled thereto (a) as employer of the inventor, or (b) pursuant to an agreement between (1) Assignee and the undersigned inventor or (2) Assignee and the undersigned inventor's employer, which was executed prior to the filing of said application therefor, and I further assign to Assignee all right, title and interest in and to said invention and in and to said applications and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to Assignee.

I also confirm having assigned to Assignee as of the earliest filing date or priority date of any patent application or applications drawn to the invention, and I further assign to Assignee, all right, title and interest in and to the invention disclosed in said applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

IN TESTIMONY WHEREOF, we have executed this document on the date indicated below.

ATTORNEY DOCKET NO.  
08-2211

ASSIGNMENT  
12/172,310

Title of Invention: *INFORMATION AGGREGATION GAMES*

Signature of Inventor:

*D. Alderucci*

Inventor's Name: Dean P. Alderucci

Residence (City, County, State): Westport, Fairfield County, CT

Date Assignment Executed:

*2/11/9*

STATE OF *New York* )  
COUNTY OF *New York* ) ss.:

On this *1<sup>st</sup>* day of *February*, 200*9*, before me came *Dean Alderucci*, to me known and known to me to be the individual described in, and who executed the foregoing instrument, and he/she has acknowledged to me that he/she has executed the same.

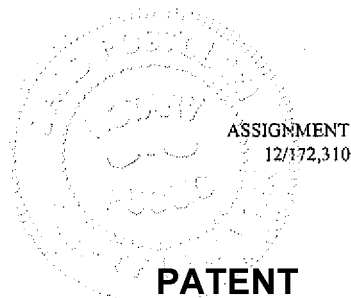
*[Signature]*  
Notary Public

DAVID POSTOLSKI  
NOTARY PUBLIC, State of New York  
No. 02PO8164091  
Qualified in Kings County  
Commission Expires April 9, 20*11*

INFORMATION AGGREGATION GAMES

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ATTORNEY DOCKET NO. 08-2211



ASSIGNMENT  
12/172,310

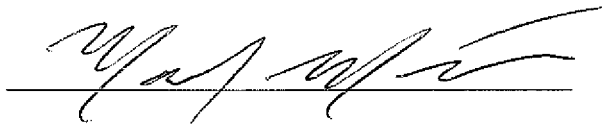
**PATENT**  
**REEL: 022321 FRAME: 0183**

ATTORNEY DOCKET NO.  
08-2211

ASSIGNMENT  
12/172,310

Title of Invention: *INFORMATION AGGREGATION GAMES*

Signature of Inventor:



Inventor's Name: Mark Miller

Residence (City, County, State): Cambridge, Middlesex County, MA

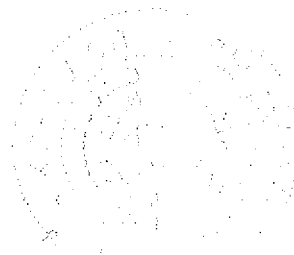
Date Assignment Executed:

2/9/09

STATE OF Mass )  
COUNTY OF Suffolk ) ss.:

On this 5 day of Feb, 2009, before me came Mark Miller, to me known and known to me to be the individual described in, and who executed the foregoing instrument, and he/she has acknowledged to me that he/she has executed the same.

  
Notary Public



INFORMATION AGGREGATION GAMES

ATTORNEY DOCKET NO.  
08-2211

ASSIGNMENT  
12/172,310

Title of Invention:

INFORMATION AGGREGATION GAMES

Signature of Inventor:

Charles R. Plott

Inventor's Name:

Charles Plott

Residence (City, County, State):

Pasadena, Los Angeles County, CA

Date Assignment Executed:

1/2/9.

STATE OF

California

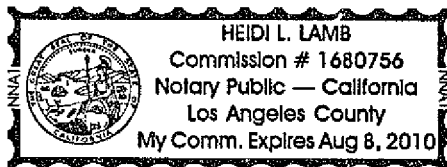
COUNTY OF

Los Angeles

ss.:

On this 2 day of January, <sup>2009</sup>~~2008~~, before me, came Charles Plott, to me known and known to me to be the individual described in, and who executed the foregoing instrument, and he/~~she~~ has acknowledged to me that he/~~she~~ has executed the same.

Heidi L. Lamb, Notary Public.



Heidi L. Lamb  
Notary Public

INFORMATION AGGREGATION GAMES

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ASSIGNMENT  
12/172,310

ATTORNEY DOCKET NO. 08-2211

PATENT

RECORDED: 02/27/2009

REEL: 022321 FRAME: 0185