

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Yohai Roichman</td><td>12/05/2007</td></tr><tr><td>David G. Grier</td><td>12/05/2007</td></tr></tbody></table>	Name	Execution Date	Yohai Roichman	12/05/2007	David G. Grier	12/05/2007					
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Yohai Roichman	12/05/2007										
David G. Grier	12/05/2007										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>New York University</td></tr><tr><td>Street Address:</td><td>650 First Avenue</td></tr><tr><td>City:</td><td>New York</td></tr><tr><td>State/Country:</td><td>NEW YORK</td></tr><tr><td>Postal Code:</td><td>10012</td></tr></table>	Name:	New York University	Street Address:	650 First Avenue	City:	New York	State/Country:	NEW YORK	Postal Code:	10012	
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11923476</td></tr></tbody></table>	Property Type	Number	Application Number:	11923476							
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Application Number:	11923476										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Michael D. Rechtin										
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OP \$40.00 11923476

PATENT

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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

New York University
650 First Avenue
New York, New York 10012

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

THREE-DIMENSIONAL HOLOGRAPHIC RING TRAPS

as set forth in the following U.S. Provisional Patent Application, U.S. Utility Application and PCT application:

U.S. Provisional Application No. 60/853,936	Filed: October 24, 2006
U.S. Utility Patent Application No. 11/923,476	Filed: October 24, 2007
PCT Application No. PCT/US07/82418	Filed: October 24, 2007

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **Foley & Lardner LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **Foley & Lardner LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Executed this 5 day of December, 2007.

State of New York)
)ss.
County of New York)

YOHAI ROICHMAN
YOHAI ROICHMAN

On this 5 day of December, 2007, before me, a notary public in and for said county, appeared YOHAI ROICHMAN, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

Lorelei DeMesa
Notary Public

My Commission Expires: 4/11

(Seal)

Lorelei DeMesa
Notary Public, State of New York
No. 01DE6164667
Qualified in New York County
Commission Expires 4/30/2011

Executed this 5 day of December, 2007.

State of New York)
)ss.
County of New York)

DAVID G. GRIER
DAVID G. GRIER

On this 5 day of December, 2007, before me, a notary public in and for said county, appeared DAVID G. GRIER, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

Lorelei DeMesa
Notary Public

My Commission Expires: 4/11

(Seal)

Lorelei DeMesa
Notary Public, State of New York
No. 01DE6164667
Qualified in New York County
Commission Expires 4/30/2011