

09-28-2000

FORM PTO-1595
1-31-92

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Patent and Trademark Office

9-25-06

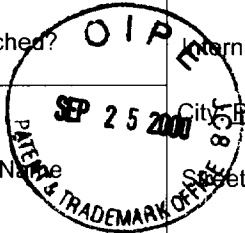
Docket No. 01339.0002.00US01

101474523

To the Honorable Commissioner of Patents and Trademarks

original documents or copy thereof.

<p>1. Name of conveying party(ies): Mathieu Desbrun; Peter Schroeder; Mark Meyer and Alan H. Barr</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party: Name: <u>California Institute of Technology</u></p> <p>Internal Address: <u>1200 E. California Blvd., Mail Code 201-85</u></p>
<p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: <u>9/11/00; 9/12/00; 9/11/00; and 9/11/00</u></p>	<p>City: <u>Pasadena</u> State: <u>CA</u> Zip: <u>91125</u></p> <p>Street Address: <u>Same as above</u></p> <p>City: _____ State: _____ Zip: _____</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>



4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s): 09/569,352

B. Patent No(s): _____

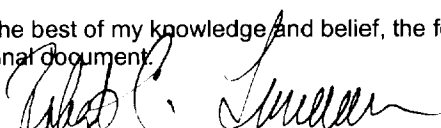
Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Robert C. Laurenson</u></p> <p>Internal Address: <u>HOWREY SIMON ARNOLD & WHITE, LLP</u> <u>Box No. 34</u> <u>1299 Pennsylvania Avenue, N.W.</u> <u>Washington, D.C. 20004-2402</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41): \$ <u>40.00</u> <input checked="" type="checkbox"/> The Commissioner is authorized to charge our Deposit Account No. 08-3038, Referencing Docket No. 01339.0002.00US01 <input checked="" type="checkbox"/> Charge this Deposit Account if any additional fee is required</p> <p>8. Deposit Account Number: <u>08-3038</u></p>
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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 C. Laurenson, Reg No. 34,206

Date: September 19, 2000

Total number of pages including cover sheet: 7

OMB No. 0651-0011 (exp. 4/94)

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Washington, D.C. 20231

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ASSIGNMENT

WHEREAS, we, **MATHIEU DESBRUN**, a citizen of France, residing at 1757 La Loma Road, Pasadena, CA 91105, **PETER SCHROEDER**, a citizen of the United States, residing at 883 Magnolia Avenue, #8, Pasadena, CA 91125, **MARK MEYER**, a citizen of the United States, residing at 348 S. Catalina Avenue, #301, Pasadena, CA 91106, and **ALAN H. BARR**, a citizen of the United States, residing at 395 N. San Rafael Avenue, Pasadena, CA 91105, have made new and useful improvements in **REAL-TIME, INTERACTIVE ANIMATION OF DEFORMABLE TWO- AND THREE-DIMENSIONAL OBJECTS**, for which an application for Letters Patent of the United States was filed on May 11, 2000, as Application No. **09/569,352**.

WHEREAS, **CALIFORNIA INSTITUTE OF TECHNOLOGY**, having a place of business at **1200 East California Boulevard, Mail Code 201-85, Pasadena, CA 91125**, and who, together with its successors and assigns ("Assignee") is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited.

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said application for Letters Patent of the United States, including all claims, if any, for infringement prior to the date of this assignment, the inventions and discoveries described therein, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

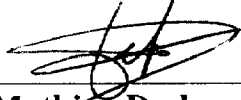
2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance.

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conception, disclosures, and reduction to practice of said inventions and discoveries; and to testify as to the same in any interference or other litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 11 day of September, 2000.



Mathieu Desbrun

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES

SS:

On this _____ day of _____, 2000, before me personally appeared **Mathieu Desbrun**, to me known and known to me to be the individual described in and who executed the foregoing instrument, and who duly acknowledged to me to have executed the foregoing instrument, and who duly acknowledged to me to have executed the same for the purpose therein set forth.

(SEAL)

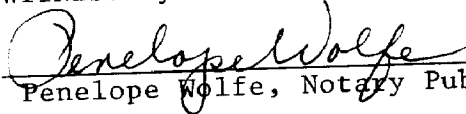
NOTARY PUBLIC

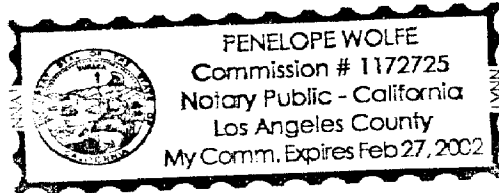
My Commission Expires: Feb. 27/2002

State of California
County of Los Angeles

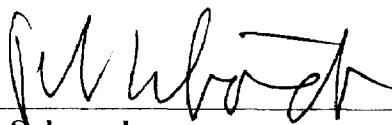
On September 11, 2000, before me, Penelope Wolfe, Notary Public, personally appeared Mathieu Desbrun, proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.


Penelope Wolfe, Notary Public



IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 12 day of September, 2000.


Peter Schroeder

STATE OF ~~CALIFORNIA~~ ^{set} New Jersey
COUNTY OF ~~LOS ANGELES~~ ^{set} Union

SS:

On this 12 day of Sept, 2000, before me personally appeared **Peter Schroeder**, to me known and known to me to be the individual described in and who executed the foregoing instrument, and who duly acknowledged to me to have executed the foregoing instrument, and who duly acknowledged to me to have executed the same for the purpose therein set forth.

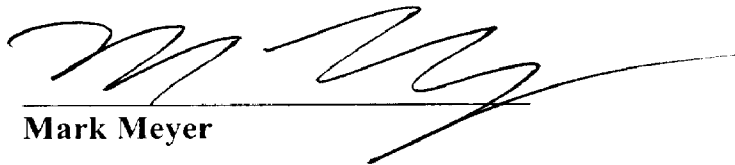
(SEAL)


NOTARY PUBLIC

My Commission Expires: 7/11/2001

DIANE C. THOMAS
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires July 11, 2001

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 11 day of September 2000.


Mark Meyer

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES

SS:

On this _____ day of _____, 2000, before me personally appeared **Mark Meyer**, to me known and known to me to be the individual described in and who executed the foregoing instrument, and who duly acknowledged to me to have executed the foregoing instrument, and who duly acknowledged to me to have executed the same for the purpose therein set forth.

(SEAL)

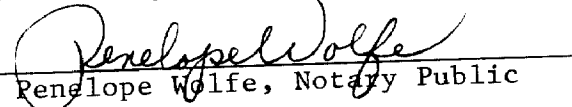
NOTARY PUBLIC

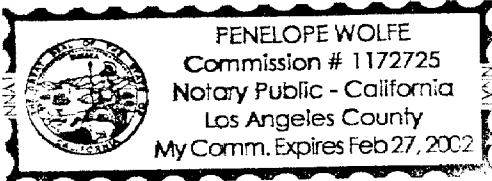
My Commission Expires: Feb. 27, 2002

State of California
County of Los Angeles

On September 11, 2000, before me, Penelope Wolfe, Notary Public, personally appeared Mark Meyer, proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.


Penelope Wolfe, Notary Public



IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 11 day of Sept, 2000.

Alan H. Barr
Alan H. Barr

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES

SS:

On this _____ day of _____, 2000, before me personally appeared **Alan H. Barr**, to me known and known to me to be the individual described in and who executed the foregoing instrument, and who duly acknowledged to me to have executed the foregoing instrument, and who duly acknowledged to me to have executed the same for the purpose therein set forth.

(SEAL)

NOTARY PUBLIC

My Commission Expires: Feb. 27, 2002

State of California
County of Los Angeles

On September 11, 2000, before me, Penelope Wolfe, Notary Public, personally appeared Alan H. Barr, proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Penelope Wolfe
Penelope Wolfe, Notary Public

