FORM PTO-1619A Expires 06/30/99 OMB 0651-0027



U.S. Department of Commerce Patent and Trademark Office PATENT

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### RECORDATION FORM COVER SHEET PATENTS ONLY

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| Second Party<br>Name (line 1)   | Johan G. Abadie   |  |   |  | Sept. 28, 20   | 00                          |
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| Address (line 3)  | Evanston, Illinois 60201  | State/Country  | <b>e</b> rip Cod  | men  | st be a separate o<br>t from assignmen                               |                             |
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**PATENT** 

REEL: 011218 FRAME: 0295

| FORM PTO-1619B<br>Expires 06/30/99<br>OMB 0651-0027 | Page 2  |                | Patent ar                             | .S. Department of Commerce<br>Patent and Trademark Office<br>PATENT |                                     |  |
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| Address (line 1)                                    | Harold J. Fassnacht   |                |                                       |   |                                     |  |
| ,<br>Address (line 2)                               | Bullwinkel Partners, Ltd  |                |                                       |   |                                     |  |
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| • •   | nber(s) or Patent Numb  |                |                                       | if additional numbe<br>mbers for the same                           |                                     |  |
| Pate  | ent Application Number(s)   |                | Pate                                  | ent Number(s)   |                                     |  |
| Patent Coopera  Enter PC only if a                  | g filed together with a <u>new</u> Patented executing inventor.  tion Treaty (PCT)  T application number U.S. Application Number been assigned. | PCT            | r the date the patent application PCT |   | Month Day Year<br>eptember 28, 2000 |  |
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|   | Author  | zation to char | ge additional fees:                   | Yes No [  |                                     |  |
| attached c<br>indicated he<br>Harold J. Fassn       | t of my knowledge and beliopy is a try copy of the origonalism.   | inal document  |                                       | account are aut   | horized, as                         |  |
|   | rson Signing  | Sig            | nature                                | Dat   |                                     |  |

PATENT REEL: 011218 FRAME: 0296 FORM PTO-1619C Expires 06/30/99 OMB 0651-0027

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| Enter additional Conveying Parties  |                           |             |                             |                     | Month Day Year   |  |  |
| Name (line 1)   | April D. Hixon            |             |                             |                     | Sept. 28, 00   |  |  |
| Name (line 2)   |                           |             |                             |                     | Execution Date<br>Month Day Year   |  |  |
| Name (line 1)   | Paul C. Nordine           | }           |                             |                     | Sept. 28, 00   |  |  |
| Name (line 2)   |                           |             |                             |                     | Execution Date   |  |  |
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|   | Patent Application Number |             |                             |                     | ne property).  |  |  |
|   | ent Application Numb      |             |                             | Patent Number       | · _ · _ · _ ·  |  |  |
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|   |                           |             | '                           |                     |  |  |  |

PATENT

**REEL: 011218 FRAME: 0297** 

#### ASSIGNMENT OF INVENTION

Whereas, we, the below named inventors, have invented a certain new and useful invention described or intended to be described and set forth in the patent application prepared by us and filed with the United States Patent Office and entitled:

#### SINGLE PHASE RARE EARTH OXIDE-ALUMINUM OXIDE GLASSES

prepatory to obtaining Letter: Patent of the United States therefore; and

Whereas, CONTAINERLESS LESEARCH, INC., a corporation of Illinois having a principal office at 906 University Place, Evanston, Illinois 60201, is desirous of acquiring the entire right, title and interest in and to said invention, application and any Patent which may be granted therefore or thereupon, together with any and all divisions, continuations, reissues and extensions thereof:

Now, therefore, to all whom it may concern, be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and in acknowledgment of our existing duty of assignment, we, the said inventors, have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over unto said CONTAINERLESS RESEARCH, INC., its successors and assigns, the entire right, title and interest in and to said invention, application, and any Patent which may be granted therefore or thereupor, together with any and all divisions, continuations, reissues and extensions thereof, all our foreign rights to said invention, and all our rights under the International Convention with respect to said invention and application, and authorize the said CONTAINERLESS RESEARCH, INC. to apply for patents in foreign countries, claiming the filing date of the U.S. application under the provisions of the International Convention. And we hereby agree to communicate to the said CONTAINERLESS RESEARCH, INC. or its representatives any facts known to us respecting said invention, to testify at any legal proceedings relating thereto, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and, in addition, to execute any and all documents that may be required in order that the said CONTAINERLESS RESEARCH, INC. may make application for Patent or said invention in foreign countries in its own name. And we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any Patent which may be granted for or upon said invention or application unto said CONTFINERLESS RESEARCH, INC., its successors and assigns, in accordance with this assignment.

Signed at Evansten, Illinois, Sept. 28th 2000.

28 ht Spt 2000.

I hereby certify that before me personally appeared J.K. Richard Weber to me

**PATENT REEL: 011218 FRAME: 0298**  known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me was sworn and did acknowledge that he executed this instrument as his free act and deed on the day and year aforesaid.

# OFFICIAL SEAL ANNE T PERSAUD NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES: 11/19/00

Notary Public

John G Abache

Sept 98th gerry

I hereby certify that before me personally appeared Johan G. Abadie to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me was sworn and did acknowledge that he executed this instrument as his free act and deed on the day and year aforesaid.

#### (SEOFFICIAL SEAL ANNE T PERSAUD

NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES: 11/19/00 Unne J Persand

april D. Hidson

2604 58111 SC

April D. Hixson

Date

I hereby certify that before me personally appeared April D. Hixson to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me was sworn and did acknowledge that he executed this instrument as his free act and deed on the day and year aforesaid.

OFFICIAL SEAL
ANNE T PERSAUD

NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES: 11/19/00 <u> Gine J Persaud</u> Notary Public

\* \* \* \*

a Moderne

Sep. 28, 2000

I hereby certify that before he personally appeared Paul C. Nordine to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me was sworn and did acknowledge that he executed this instrument as his free act and deed on the day and year aforesaid.

······ (SOFFICIAL SEAL

MY COMMISSION EXPIRES: 11/19/00

**RECORDED: 10/04/2000** 

1 Persaud