Case Name: SP00-303

PA

To the Honorable Commissioner

101882471

ET .ched documents or copy thereof.

10-1-01 (1) Conveying Party(ies): Gregory A. Merkel Title: PHOSPHATE-BASED CERAMIC Additional name(s) of conveying party(ies) attached? Yes (2) Receiving Party: Corning Incorporated Patent Dept.; SP-TI-03-1 Corning, NY 14831 (3) Nature of conveyance: Assignment executed: 9/27/01 (4) Application number(s) and/or patent number(s) against which this assignment is to be recorded: 09969562 B. Patent No.(s): A. Patent Application No.(s): Filing date: Filing date: If this document is being filed together with a new application, this assignment is also to be recorded against said application, executed on 9/27/01. (5) Name and address of party to whom correspondence concerning document should be mailed: Anca C. Gheorghiu Name: Reg. No. 44,120 Corning Incorporated Patent Department SP-TI-03-1 Corning, NY 14831 Phone No.: (607) 974-3322 (6) Total Number of applications and/or patents involved: one (7) Total Fee = \$40.00Enclosed (Check No.) Included with filing fee. Check No. ____. Authorization given by Corning Incorporated to charge deposit account number 03-3325. 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.

Total number of pages comprising cover sheet: __3

Anca C. Gheorghiu

00000222 033325 09969562 10/22/2001 DBYRNE 40.00 CH 01 FC:581

Revision: July 28, 2000

Document1

10/01/01 Date

ASSIGNMENT

Attorney Docket No.: SP00-303

FOR VALUE RECEIVED, I, as a below named inventor, hereby sell, assign and transfer unto Corning Incorporated, a corporation organized and existing under the laws of the State of New York, having its principal place of business at Corning, New York, (hereinafter CORNING), as assignee, and unto its successors, assigns and legal representatives, the entire right, title and interest, for all countries, in and to certain inventions relating to a **PHOSPHATE-BASED CERAMIC**, such inventions being generally described in an application for Letters Patent of the United States executed on

DATE 9/27/01

and in any future patent applications claiming the benefit of the filing date of that application, and all the rights and privileges under any and all Letters Patents that may be granted therefore.

I request that any and all patents for said inventions be issued to CORNING, its successors, assigns and legal representatives, or to such nominees as CORNING may designate.

I agree that, when requested, I will, without charge to CORNING and at CORNING's expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in CORNING, its successors, assigns and legal representatives or nominees.

I authorize and empower CORNING, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for said Convention or entered as a supplement to, and to invoke and claim such right of priority without further written or oral authorization.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of CORNING, or its successors, assigns and legal representatives or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it or entered as a supplement to it.

I covenant with CORNING, its successors, assigns and legal representatives or nominees, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

PATENT REEL: 012262 FRAME: 0076 Signed at Corning, NY, this

Sept 27, 2001

RECORDED: 10/01/2001

Gregory A. Merkel

State of New York)

: ss.

County of Steuben)

On the 27 day of 2001, before me personally came Gregory A. Merkel known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

CHRISTINE F. WATTERS
Notary Public, State of New York
Qualified in Steuben County No. 4945322
My Commission Expires December 19, 20

PATENT REEL: 012262 FRAME: 0077