

FORM PTO-1618A
Expires 06/30/99
OMB 0651-0027



09-28-1998



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U.S. Department of Commerce
Patent and Trademark Office

PATENT

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Pages

Enter the total number of pages of the attached conveyance document including any attachments.

2

Application Number(s) or Patent Number(s)

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Patent Application Number(s)

Patent Number(s)

5350717	5308568	5332703
5306457	5403787	5552102

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number

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PCT		PCT		PCT	
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Number of Properties

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1

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Fee Amount for Properties Listed (37 CFR 3.41): \$ 0.00

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Sharon Kennedy

Name of Person Signing

Sharon Kennedy

Signature

SEP 17 1998

Date

CONFIRMATORY LICENSE
(Large Business - Advance Waiver)

Title: Method for Treating Beta-Spodumene Ceramics

Inventor(s): J. Paul Day and David L. Hickman

Patent No.: 5,350,717

Effective Date of Waiver: September 4, 1992

Contractor: Corning Incorporated

Filing Date (U.S.): June 4, 1993

DOE Contract No.: DEN3-336

DOE Case No.: S-77,878

Patent Rights Clause No.:

DOE Advance Waiver No.: W(A) 91-029

Foreign Applications filed or to be filed at Contractor's expense in (countries): None

Title: Extrusion Die and Method

Inventor(s): G. Daniel Lipp

Patent No.: 5,308,568

Effective Date of Waiver: September 4, 1992

Contractor: Corning Incorporated

Filing Date (U.S.): May 20, 1993

DOE Contract No.: DEN3-336

DOE Case No.: S-77,879

Patent Rights Clause No.:

DOE Advance Waiver No.: W(A) 91-029

Foreign Applications filed or to be filed at Contractor's expense in (countries): None

Title: Batch Compositions for Cordierite Ceramics

Inventor(s): David L. Hickman

Patent No.: 5,332,703

Effective Date of Waiver: September 4, 1992

Contractor: Corning Incorporated

Filing Date (U.S.): March 4, 1993

DOE Contract No.: DEN3-336

DOE Case No.: S-77,881

Patent Rights Clause No.:

DOE Advance Waiver No.: W(A) 91-029

Foreign Applications filed or to be filed at Contractor's expense in (countries):

France, Germany, Great Britain, Japan

Title: Extrusion Die and Method

Inventor(s): G. Daniel Lipp

Patent No.: 5,306,457

Effective Date of Waiver: September 4, 1992

Contractor: Corning Incorporated

Filing Date (U.S.): May 28, 1993

DOE Contract No.: DEN3-336

DOE Case No.: S-77,882

Patent Rights Clause No.:

DOE Advance Waiver No.: W(A) 91-029

Foreign Applications filed or to be filed at Contractor's expense in (countries): None

Title: Extruded Ceramic Honeycomb and Method

Inventor(s): J. Paul Day

Patent No.: 5,403,787

Effective Date of Waiver: July 2, 1993

Contractor: Corning Incorporated

Filing Date (U.S.): February 28, 1994

DOE Contract No.: DEN3-336

DOE Case No.: S-88,126

Patent Rights Clause No.:

DOE Advance Waiver No.: W(A) 91-029

Foreign Applications filed or to be filed at Contractor's expense in (countries):

Belgium, France, Germany, Great Britain, Italy, Spain, Sweden, Japan, Korea

Title: Method and Apparatus for Extruding Large Honeycombs
Inventor(s): Harry A. Kragle; David W. Lambert and G. Daniel Lipp
Patent No.: 5,552,102 (claims 2-10 and 12-14 only) Effective Date of Waiver: March 23, 1994
Contractor: Corning Incorporated Filing Date (U.S.): December 16, 1994
DOE Contract No.: DEN3-336 DOE Case No.: S-80,756
Patent Rights Clause No.: DOE Advance Waiver No.: W(A) 91-029
Foreign Applications filed or to be filed at Contractor's expense in (countries):
Brazil, Belgium, France, Germany, Great Britain, Italy, Spain, Japan, Korea, Mexico

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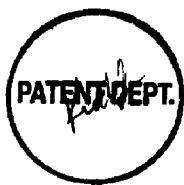
An advance waiver of Government rights having been granted by the U.S. Department of Energy (DOE) to Corning Incorporated (hereinafter Contractor), and the above-identified inventions having been reported as Subject Inventions to DOE by the Contractor, with Contractor's election to file domestic patent applications thereon, the effective date of said waiver for each of those inventions is as recited above.

Accordingly, this document is confirmatory of the paid-up license required to be granted to the Government under 41 CFR 9-9.109.6 and the above-identified contract in these inventions, patent applications, and any resulting patents as well as any continuations, divisionals, reissues, supplementals or continuations-in-part thereof, and of all other rights acquired by the Government by the referenced patent rights clause, a copy of which is attached hereto and incorporated by reference herein. The undersigned certifies, on information and belief, that the attached copy is a true copy of said clause. It is understood and agreed that this license does not preclude the Government from asserting rights under the provisions of said contract or of any other agreement between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent applications.

Signed this 18th day of July, 1997

Corning Incorporated



By Alfred L. Michaelson
Alfred L. Michaelson
Vice-President and General Patent Counsel
SP-FR-02-12
Corning Incorporated
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