

FORM PTO-1619A  
Expires 08/30/99  
OMB 0651-0027

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S-90110

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

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

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Area Code and Telephone Number

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**Pages**

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

# 1

**Application Number(s) or Patent Number(s)**

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

<input type="text"/>	<input type="text"/>	<input type="text"/>	5,556,582	<input type="text"/>	<input type="text"/>
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Enter PCT application number only if a U.S. Application Number has not been assigned.

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**Number of Properties**

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

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08/340,177 now  
Pat 5,556,582

## CONFIRMATORY LICENSE

(Nonprofit Organizations or Small Business Firms)

Title : DYNAMIC FEED CONTROL FOR INJECTION MOLDING

Inventor(s) : David Kazmer

Serial No. : 340,177 Filing Date: 2/7/95

Contractor : Stanford University

DOE Contract No.: DE-FG51-94R020440

DOE Case No. : S-90,110

Patent Rights Clause No.: DEAR 952.227-71

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

none

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The contractor, having the right to retain title to Subject Inventions as a result of Public Law 96-517, has reported the above-identified invention as a Subject Invention to DOE with its election to retain title thereto.

Accordingly, this document is confirmatory of the nonexclusive, nontransferable, irrevocable, paid-up license to practice or to have practiced for or on behalf of the United States, required by the Public Law and the above-identified contract, in this Subject Invention, patent application and any resulting patent, as well as any continuation, divisional, reissue, supplemental or continuation-in-part thereof, throughout the world and of all other rights acquired by the Government by the above-identified patent rights clause, a copy of which is attached hereto and incorporated by reference herein. The undersigned certifies the attached copy to be 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 from asserting any other rights of the Government with respect to the above-identified Subject Invention.

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

Signed this 13 day of April, 19 98

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**STANFORD UNIVERSITY**

(Contractor)

By: Katherine Ku Katherine Ku  
Director

(Contractor's Official and Title)

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