

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

04-16-1999



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

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

New

Resubmission (Non-Recordation)  
Document ID# \_\_\_\_\_

Correction of PTO Error  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

Corrective Document  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

**Conveyance Type**

Assignment  Security Agreement

License  Change of Name

Merger  Other \_\_\_\_\_

**U.S. Government**  
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Departmental File  Secret File

10640 U.S. PTO  
09/280390  
03/29/99

HRD 3/29/99

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Name (line 1) BURSAL, Faruk H. Execution Date Month Day Year 03 29 1999

Name (line 2) \_\_\_\_\_

**Second Party**

Name (line 1) \_\_\_\_\_ Execution Date Month Day Year \_\_\_\_\_

Name (line 2) \_\_\_\_\_

**Receiving Party**

Mark if additional names of receiving parties attached

Name (line 1) Synkinetics, Inc.  If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2) A Corporation of Delaware

Address (line 1) 2 Industrial Avenue

Address (line 2) \_\_\_\_\_

Address (line 3) Lowell MA/USA 01851  
City State/Country Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name \_\_\_\_\_

Address (line 1) \_\_\_\_\_

Address (line 2) \_\_\_\_\_

Address (line 3) \_\_\_\_\_

Address (line 4) \_\_\_\_\_

**FOR OFFICE USE ONLY**

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Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:

**Correspondent Name and Address** Area Code and Telephone Number

Name

Address (line 1)

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

**Application Number(s) or Patent Number(s)**  Mark if additional numbers attached

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" value="09/280,390"/>	<input type="text"/>				
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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
<input type="text" value="03"/>	<input type="text" value="29"/>	<input type="text" value="1999"/>

**Patent Cooperation Treaty (PCT)**

Enter PCT application number  PCT  PCT

only if a U.S. Application Number has not been assigned. PCT  PCT  PCT

**Number of Properties** Enter the total number of properties involved. #

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

Method of Payment: Enclosed  Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes  No

**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. Charges to deposit account are authorized, as indicated herein.*

James E. Maslow

Name of Person Signing Signature Date

ASSIGNMENT

WHEREAS, I, Faruk A. Bursal, residing at 44 Wimbledon Circle, Waltham, MA 02154, (hereinafter referred to as "Assignor") has made an invention entitled NESTED MODIFIED-CAM SPEED CONVERTER, filed on March 29, 1999.

WHEREAS, Synkinetics, Inc., a corporation organized and existing under the laws of the State of Delaware, having its principal place of business at 2 Industrial Avenue, Lowell, MA 01851-5107 (hereinafter referred to as "Assignee"), is desirous of acquiring right, title and interest in said invention.

NOW, THEREFORE, in consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor by these presents, does sell, assign and transfer to Assignee, Assignor's entire right, title and interest, for the United States of America and its possessions and territories and for all foreign countries, in and to said invention, including all rights of priority created and conferred by any treaty or international convention which is available in connection with said invention, including the right to apply for patent rights, U.S. or foreign, and in any continuations, divisions, substitutes, renewals, reissues or other applications filed in the U.S. or abroad (including multinational filing arrangements of all kinds), and in any U.S. or foreign patents issued on any such applications and reissues, extensions and renewals thereof, to be held and enjoyed by Assignee, for its own use and behalf and for its successors and assigns, to the full ends of the terms or extended terms for which any Letters Patents or the like may be granted, as fully and entirely as the same would have been held by the Assignor had this sale, assignment and transfer not been made.

The Assignor hereby authorizes and requests the Commissioner of Patents of the United States, and any official of any country or countries (including multinational filing arrangements of all kinds), whose duty it is to receive and/or examine applications for patents or similar industrial property, issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to Assignee, its successors and assigns, in accordance with the terms of this instrument.

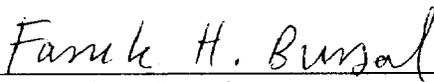
Assignor's covenant with Assignee, its successors, assigns, and legal representatives that the Assignor has full right to convey the entire interest herein assigned, and that the Assignor has not executed any agreement in conflict herewith and will not execute any agreement or conveyance in conflict herewith.

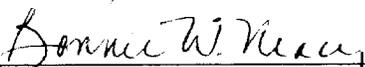
The Assignor further covenants and agrees to communicate to Assignee, its successors, legal representatives and assigns, any facts known to the Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, including, without limitation, application papers, assignments, powers of attorney, declarations, and other instruments, execute all divisional, continuing, substitute, reissue, renewal and foreign applications, make all truthful oaths, declarations and statements, and generally do everything reasonably requested of Assignors by Assignee, or its successors or assigns to aid Assignee, its successors or assigns, to obtain, enforce and /or exploit said invention.

Executed this 29th day of March, 1999

Commonwealth of Massachusetts  
Middlesex, S.S.

Then personally appeared the above named  
Faruk H. Bursal and acknowledged the foregoing  
instrument to be his free act and deed, before me  
this 29<sup>th</sup> day of March 1999.

  
\_\_\_\_\_  
Faruk H. Bursal

  
\_\_\_\_\_  
Bonnie W. Neacy - My Commission Expires April 15, 2005