

# PATENT ASSIGNMENT

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| SUBMISSION TYPE:   | NEW ASSIGNMENT              |
| NATURE OF CONVEYANCE:  | ASSIGNMENT                  |
| CONVEYING PARTY DATA   |                             |
| Name   | Execution Date              |
| Yeda Research And Development Co. Ltd.   | 01/09/2008                  |
| RECEIVING PARTY DATA   |                             |
| Name:  | Pluristem Life Systems Inc. |
| Street Address:  | Matam Building # 20         |
| City:  | Haifa                       |
| State/Country:   | ISRAEL                      |
| Postal Code:   | 31905                       |
| PROPERTY NUMBERS Total: 1  |                             |
| Property Type  | Number                      |
| Application Number:  | 11102623                    |
| CORRESPONDENCE DATA  |                             |
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| Address Line 4:  | Arlington, VIRGINIA 22215   |
| ATTORNEY DOCKET NUMBER:  | 29268                       |
| NAME OF SUBMITTER:   | Martin D. Moynihan          |
| Total Attachments: 1<br>source=Executed Assignment YEDA to Pluristem#page1.tif       |                             |

CH \$40.00 11102623

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PATENT  
REEL: 020793 FRAME: 0461

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned:

**Yeda Research And Development Co. Ltd.**  
**at the Weizmann Institute of Science**  
**P.O. Box 95**  
**76100 Rehovot**  
**Israel**

hereby sell(s), assign(s) and transfer(s) to:

**Pluristem Life Systems Inc.**  
**Matam Building # 20**  
**31905 Haifa**  
**Israel**

(hereinafter called the "Assignee"), its successors, assigns, nominees or other legal representatives, the undersigned's entire rights, title and interest in and to the invention titled:

**METHOD AND APPARATUS FOR MAINTENANCE AND EXPANSION OF  
 HEMOPOIETIC STEM CELLS AND/OR PROGENITOR CELLS**

described and claimed in the following Patent Application:

**U.S. Patent Application No. 11/102,623**  
**filed April 11, 2005,**  
**and identified as Attorney Docket No. 29268**

and in and to said Patent Application, and all original and reissued Patents granted therefore, and all divisions and continuations thereof, any corresponding PCT Patent Application and the National Phases thereof, including the right to apply and obtain Patents in all other countries, the priority rights under International Conventions, and the Letters Patent which may be granted thereon:

covenant that the undersigned have (has) the full right to convey the entire interest therein assigned;

authorize(s) and request(s) the Registrar of Patents, and any Official of any country whose duty it is to issue Patents on applications as aforesaid, to issue the said Letters Patent to the said Assignee;

and agree(s) to sign all lawful papers, make all rightful oaths, do all lawful acts requisite for such Patent Applications, and do everything possible to aid said Assignee to apply for, obtain and enforce Patent protection for said invention.

**Yeda Research And Development Co. Ltd.**

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Capacity: \_\_\_\_\_

Date: \_\_\_\_\_

**Amir Nisberg**  
**C.E.O.**

**Prof. Mudi Sheves**  
**Chairman**

**9/1/08**