03-28-2002

4		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		
Y '	102034073			
かがか	To the Honorable Commissioner of Patents and Trademarks: F 1. Name of conveying party(ies): Sigwan (Orpero NO) Individual(s) General Partnership Corporation-State Other	Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): Name: Silicon Valley Bank Internal Address: HA155 Street Address: 3003 Tasman Drive		
\	Additional name(s) of conveying party(ies) attached? No No No No No No No No No N	City: Santa Clara State: CA ZIP: 95054 Individual(s) citizenship Association General Partnership Limited Partnership Corporation-State_Delaware Other		
	Execution Date: March 4, 2002 4. Application number(s) or registration number(s): A. Trademark Application No.(s) 16/124, 476	If assignee is not domiciled in the United States, a domestic representative designation is attached: Yes No Additional name(s) & address(es) attached? Yes No B. Trademark No.(s)		
	Additional numbers atta	ached? ☐ Yes ⊠ No		
	Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and registrations involved:		
	Name: Silicon Valley Bank Internal Address: Loan Documentation HA155 Street Address: 3003 Tasman Dr.	7. Total fee (37 CFR 3.41): \$_65 Enclosed Authorized to be charged to deposit account		
	City: Santa Clara State: Ca ZIP: 95054 72872002 DBYRNE 00000227 76124476 DO NOT USE:	8. Deposit account number: (Attach duplicate copy of this page if paying by deposit account)		
01	FC:481 40.00 OP FC:482 25.00 OP	THO STACE		
1	9. 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.		
!	Janue Mua	3/14/02		
	Name of Person Signing Signat Total number of pages including coverships.			

Mail documents to be recorded with required cover sheet information to: Commissioner of Patent & Trademarks, Box Assignments

Washington, D.C. 20231

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of March 4, 2002 by and between SILICON VALLEY BANK ("Bank") and STEMRON CORPORATION ("Grantor").

RECITALS

- A. Bank has agreed to make certain advances of money and to extend certain financial accommodation to Grantor (the "Loans") in the amounts and manner set forth in that certain Loan and Security Agreement by and between Bank and Grantor ("Borrowers") dated February ____, 2002 (as the same may be amended, modified or supplemented from time to time, the "Loan Agreement"; capitalized terms used herein are used as defined in the Loan Agreement). Bank is willing to make the Loans to Borrowers, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks, and Patents to secure the obligations of Borrowers under the Loan Agreement.
- B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Loan Agreement. Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its obligations under the Loan Agreement, Grantor grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under its Intellectual Property Collateral (including without limitation those Copyrights, Patents and Trademarks listed on Schedules A, B and C hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof.

This security interest is granted in conjunction with the security interest granted to Bank under the Loan Agreement. The rights and remedies of Bank with respect to the security interest granted hereby are in addition to those set forth in the Loan Agreement and the other Loan Documents, and those which are now or hereafter available to Bank as a matter of law or equity. Each right, power and remedy of Bank provided for herein or in the Loan Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Bank of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Loan Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Bank, of any or all other rights, powers or remedies.

IN WITNESS WHEREOF, the parties have cause this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

Address of Grantor:	STEMRON CORPORATION
20 Firstfield Rd, Suite 100 Gaithersburg, MD 20878 Attn:	By: Cher Geralle Offices
	BANK:
Address of Bank:	SILICON VALLEY BANK
3003 Tasman Drive Santa Clara, CA 95054-1191	By:
Santa Ciara, CA 75054-1171	Title:

GRANTOR:

IN WITNESS WHEREOF, the parties have cause this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

	GRANIUR:
Address of Grantor:	STEMRON CORPORATION
	By:
Attn:	Title:
	BANK:
Address of Bank:	SILICON VALLEY BANK
3003 Tasman Drive	By: DE Coo
Santa Clara, CA 95054-1191	Title: Ve Provident
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EXHIBIT A

Copyrights

Description

Registration/ Application Number Registration/ Application Date

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EXHIBIT B

Patents

Description	Registration/ Application <u>Number</u>	Registration/ Application <u>Date</u>
Isolated Homozygous Stem Cells, Differentiated Cells Derived Therefrom, And Materials And Methods For Making And Using Same	09/997,240	Nov. 30, 2001
A Method For Producing A Population Of Homozygous Stem Cell Having Pre-Selected Immunophenotype And/Or Genotype, Cell Suitable For Transplant Derived Therefrom, And Materials And Methods Using Same	10/032,495	Jan. 2, 2002
Methods Of Constructing A Model Of Cellular Development And Differentiation Using Homozygous Stem Cell Systems, Methods Of Assessing And Cataloging Proteins Expressed Therein, cDNA Libraries Generated Therefrom, And Materials and Methods Using Same	To Be Assigned	March 28, 2001

EXHIBIT C

Trademarks

Description	Registration/ Application <u>Number</u>	Registration/ Application <u>Date</u>
Stemron	76/124,476	Sept. 8, 2000
TS Cells	76/191,761	Jan. 10, 2001

RECORDED: 03/28/2002