04-02-2003

FO: (M PTO-1595 (Re : . 03/01) 3-3/203 REC	U.S. DEPARTMENT OF COMMERC  ET U.S. Patent and Trademark Office	
OM 3 No. 0651-0027 (exp. 05/31/2002)	240686 <u>3</u>	
To the Honorable Commissioner of Patents and Trademarks  1. Hame of conveying party(ies):	: Please record the attached original documents or copy thereof.  2. Name and address of receiving party(ies):	
PORTALPLAYERS, INC.	Name: Silicon Valley Bank	
	Internal Address: Loan Documentation HA155	
Adeitional name(s) of conveying party(ies) attached? Tyes X N	0	
3. lature of conveyance: ☐ Assignment ☐ Merger	Street Address: 3003 Tasman Dr.	
Security Agreement	City: Santa Clara State: Ca ZIP: 95054	
Execution Date: <b>09/26/2002</b>	Additional name(s) & address(es) attached?   Yes   No	
4. \pplication number(s) or patent number(s):	union un	
If $t$ is document is being filed together with a new application, $t$	he execution date of the application is:	
A. Patent Application No.(s) 09/510,707 09/847,981 10/116,659	B. Patent No.(s)	
09/510,592 09/849,885 10/119,568	<u> </u>	
09/847,991 09/847,975 09/599,240 09/847,982	<u> </u>	
09/699,292 09/847,963		
09/347,920 09/847,976		
10/131,359 10/119,568		
	attached? Yes No	
<ol> <li>Jame and address of party to whom correspondence co-cerning document should be mailed:</li> </ol>	6. Total number of applications and patents involved: <u>16</u>	
Na ne: Silicon Valley Bank		
Internal Address: Loan Documentation HA155	7. Total fee (37 CFR 3.41):\$ 640.00 Enclosed	
Street Address: 3003 Tasman Dr.	Authorized to be charged to deposit account	
Cit r: Santa Clara State: Ca ZIP: 95054	Deposit account number: (Attach duplicate copy of this page if paying by deposit account)	
	SE THIS SPACE	
9. Statement and signature.		
To the best of my knowledge and belief, the foregoing information of the original document.	ion is true and correct and any attached copy is a true copy	
i dison digning	onature 03/24/2003 Date er sheets, attachments, and documents:8	
Mail documents to be recorded with Commissioner of Patents &	ith required cover sheet information to:  & Trademarks, Box Assignments ton, D.C. 20231	

#### INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of September 26, 2002 by and between SILICON VALLEY BANK ("Bank") and PORTALPLAYERS, INC. ("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 dated September 26, 2002 and that certain Export-Import Bank Loan and Security Agreement by and between the Bank and Grantor dated September 26, 2002 (as the same may be amended, modified or supplemented from time to time, collectively, the "Loan Agreement"; capitalized terms used herein are used as defined in the Loan Agreement). Bank is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks, Patents, and Mask Works to secure the obligations of Grantor 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, Trademarks and Mask Works listed on Schedules A, B, C, and D 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.

GRANTOR

PORTALPLAYER, INC.

Address of Grantor:

3255-1 Scott Boulevard Santa Clara, California 95054 Attn: Dennis Mahoney, CFO

BANK:

SILICON VALLEY BANK

3003 Tasman Drive Santa Clara, CA 95054-1191

Attn: Kevin Conway

Address of Bank:

166492\_2.DOC 09/25/02

# EXHIBIT A

Copyrights

Description

Registration/ Application Number

Registration/ Application <u>Date</u>

# EXHIBIT B

Patents

Patents					
Description	Number	Date Filed	Status		
KEY EXCHANGE CONTENT COMMUNICATION SYSTEM AND METHOD	09/510,707	22 Feb 2000	Pending		
COMPUTER NETWORK AUDIO SYSTEM AND METHOD	09/510,592	22 Feb 2000	Pending		
CROSS BAR MULTIPATH RESOURCE CONTROLLER SYSTEM AND METHOD	09/847,991	2 May 2001	Pending		
SYSTEM AND METHOD FOR DYNAMICALLY CONTROLLING A COMPUTER SUB-SYSTEM USING A PORTABLE CONTENT DEVICE	09/699,240	27 Oct 2000	Pending		
SYSTEM AND METHOD FOR VIRUS PROTECTION	09/699,292	27 Oct 2000	Pending		
RESAMPLING SYSTEM AND METHOD	09/847,920	2 May 2001	Pending		
VECTOR FLOATING POINT UNIT	10/131,359	24 Apr 2002	Pending		
METHOD FOR IMPLEMENTING SOFT-DMA (SOFTWARE BASED DIRECT MEMORY ACCESS ENGINE) FOR MULTIPLE PROCESSOR SYSTEMS	09/847,981	2 May 2001	Pending		
MULTIPROCESSOR INTERRUPT HANDLING SYSTEM AND METHOD	09/849,885	2 May 2001	Pending		
POWER MANAGEMENT SYSTEM AND METHOD	09/847,975	2 May 2001	Pending		
RANDOM NUMBER GENERATION METHOD AND SYSTEMS	09/847,982	2 May 2001	Pending		
GENERAL PURPOSE INPUT/OUTPUT CONTROLLER	09/847,963	2 May 2001	Pending		
MULTIPROCESSOR COMMUNICATION SYSTEM	09/847,976	2 May 2001	Pending		

Description	Number	Date Filed	Status
DIGITAL ENTROPING SYSTEM AND METHOD	10/000,700	31 Oct 2001	Pending
EFFICIENT IMPLEMENTATION OF AUDIO SPECIAL EFFECT	10/116,659	2 Apr 2002	Pending
Equalizer Effects on CD	10/119,568	9 Apr 2002	Pending

## EXHIBIT C

## Trademarks

Description	Serial Number	Date Filed	Status
Superintegration word mark	76/054,715	05/22/00	Pending
"Music Face" design mark	2,574,322	05/28/02 (date registered)	Registered
Portalplayer word mark	75/896,219	01/13/00	Pending

### EXHIBIT D

Mask Works

Description

Registration/ Application Number

Registration/ Application Date

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PATENT REEL: 013898 FRAME: 0750

**RECORDED: 03/31/2003**