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03-13-2000

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PATENT
REEL: 010589 FRAME: 0501

Correspondent Name and Address

Area Code and Telephone Number (415) 543-8700

Name Adam H. Tachner, Esq.

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Address (line 2) P.O. Box 7936

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Address (line 4) San Francisco, CA 94120-7936

Pages

Enter the total number of pages of the attached conveyance document including any attachments. # 4

Application Number(s) or Patent Number(s)

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Patent Application Number(s)

Patent Number(s)

08910817	08873880	08763999	5778342		
08909643	09049870	09083865			
08910091	08869728	08997603			

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

Patent Cooperation Treaty (PCT)

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

Number of Properties

Enter the total number or properties involved. # 22

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 880.00 USD

Method of Payment: Deposit Account Enclosed Deposit Account

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

Deposit Account Number: # 03-3821

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.

Adam H. Tachner Signature Date 02/10/2000

RECORDATION FORM COVER SHEET
CONTINUATION
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Month Day Year

Name (line 2)

Name (line 1) Execution Date
Month Day Year

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

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Patent Application Number(s)

08889308 08977397

09012338 09161309

08906089 09103683

09205600 09102739

09012367 09187840

09005032 09156891

Patent Number(s)

ASSIGNMENT OF PATENTS BY DSPC ISRAEL LTD.
TO D S P C TECHNOLOGIES LTD.

WHEREAS, DSPC Israel Ltd., a limited company of Israel, having offices at 11 Ben Gurion Street, Giv'at Shmuel, Israel ("DSPC Israel"), owns, by assignment, all right, title, and interest in and to the U.S. Patents and Patent Applications listed in Attachment A, the inventions disclosed and claimed therein, and all foreign patents and applications that rely thereon for priority ("the Patents"); and D S P C Technologies Ltd., a limited company of Israel, having offices at 11 Ben Gurion Street, Giv'at Shmuel, Israel (DSPC Technologies), desires to own DSPC Israel's entire right, title, and interest in and to the Patents in all countries throughout the world.

NOW THEREFORE, be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, DSPC Israel hereby sells, assigns, transfers, and sets over to DSPC Technologies, its lawful successors and assigns, DSPC Israel's entire right, title, and interest in and to the Patents, the inventions claimed therein, any other patent application directed to the inventions, and all Letters Patent of the United States that may be granted thereon, and all reissues, reexaminations, and extensions thereof; and all rights to claim priority on the basis of such application, and all applications for Letters Patent that may be filed for the inventions in any foreign country and all Letters Patent that may be granted on the inventions in any foreign country, and all extensions, renewals, and reissues thereof; and DSPC Israel hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to DSPC Technologies, its successors and assigns, in accordance with the terms of this Assignment;

AND, DSPC ISRAEL HEREBY further covenants that DSPC Israel has the full right to convey the interest assigned by this Assignment, DSPC Israel will take all action and execute all documents necessary to perfect the interest assigned hereby, and DSPC Israel has not executed and will not execute any agreement in conflict with this Assignment;

AND, DSPC ISRAEL HEREBY further covenants and agrees that DSPC Israel, through its officers and employees, will, without further consideration, communicate with DSPC Technologies, its successors and assigns, any facts known to DSPC Israel and its officers and employees respecting the inventions and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to the invention in said DSPC Technologies, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths, and generally do everything possible to aid DSPC Technologies, its successors and assigns, to obtain and enforce proper patent protection for the inventions in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by DSPC Technologies, its successors and assigns.

IN TESTIMONY WHEREOF, each party has caused its authorized representative to execute this Assignment.

DSPC Israel Ltd.

By G. Hilevitz
Mr Gabriel Hilevitz, General Manager.

Date Nov. 11, 1999

D S P C Technologies Ltd

By G. Hilevitz
Gabriel Hilevitz, General Manager.

Date Nov. 11, 1999

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Attachment A

DSPC Israel Ltd. assigns to D S P C Technologies Ltd.:

U.S. Patent #	Application #	Filing Date	Title	Internal Reference #
5,778,342	08/595,357	02 Jan 1996	A Pattern Recognition System and Method	1
	08/910,817	13 Aug 1997	A Synchronization System and Method for Digital Communication System	6
	08/909,643	12 Aug 1997	Method and Apparatus for Acquiring and Tracking the Sampling Phase of a Signal	7
	08/910,091	12 Aug 1997	Method and System for Controlling Frequency	8
	08/873,880	11 Jun 1997	Method and Apparatus for Reducing Spread Spectrum Noise	9
	09/049,870	27 Mar 1998	Apparatus and Method for Detecting Digital FM	10
	08/869,728	05 Jun 1997	A Code Synchronization Unit and Method	11
	08/763,999	12 Dec 1996	Keyword Recognition System and Method	12
	09/083,865	12 May 1998	Voice Channel Frequency Synchronization	13
	08/997,603	23 Dec 1997	Bi-Directional Channel Analysis	14
	08/889,308	07 Jul 1997	A Control Channel Determiner	16
	09/012,338	23 Jan 1998	Method and Device for Detecting Rate	17
	08/906,089	05 Aug 1997	System and Method for Reducing Power Consumption in Waiting Mode	18
	09/205,600	04 Dec 1998	Method for Initializing a Viterbi Decoder in Frame Mode	19

09/012,367	23 Jan 1998	Non Linear Frequency Acquisition	20
09/005,032	09 Jan 1998	An Efficient Way to Produce a Delayed Version of a Maximum Length Sequence	24
08/977,397	24 Nov 1997	Reduced Real Time Processing in Stochastic CELP Coding	36
09/161,309	28 Sept 1998	System and Method for Reducing Power Consumption in Waiting Mode	37
09/103,683	15 Jun 1998	Method and Device for Quantizing the Input to Soft Decoders	46
09/102,739	22 Jun 1998	A Noise Suppressor having Weighted Gain Smoothing	49
09/187,840	06 Nov 1998	Frequency Tuning Apparatus for Radio Transceivers	56
09/156,891	18 Sep 1998	Cyclic Adaptive Single and Multi-User Receiver for DS-SS Signals	57

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