

FORM PTO-1619A
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10/135570
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New 5-1-02

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Document ID#

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Conveyance Type

Assignment **Security Agreement**

License **Change of Name**

Merger **Other**

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Departmental File **Secret File**

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05/02/2002 TGEDAWU1 00000061 10135570
02 FC:581 40.00 DP

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| Patent Application Number(s) | | | Patent Number(s) | | |
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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

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

PCT PCT PCT

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

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

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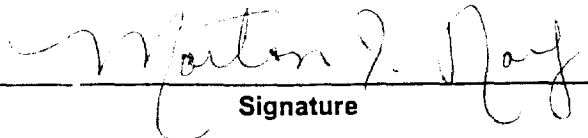
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Morton J. Rosenberg 

Name of Person Signing Signature Date

ASSIGNMENT DEED

This Assignment agreement is applicable to an invention entitled (invention Title) DIGITAL AUDIO SIGNAL
PLAYER HAVING A SIMULATED ANALOGUE RECORD

The PATENT RIGHTS referred to in this agreement are:

- (Check one) a Patent Application for this invention, executed by the ASSIGNOR(s) concurrently with this Assignment
 U.S. Patent Application Serial No. _____, filed _____
 U.S. Patent No. _____, issued _____

The PATENT RIGHTS assigned under this agreement are:

- (Check one) U.S. Patent rights only
 worldwide Patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. Patent Application identified above.

The ASSIGNOR(s) referred to in this agreement is (or are):

(Full name of first assignor) HAN-CHIH LIU
(Address) No. 71, Cheng Tung Street, Tainan, Taiwan, R.O.C.

(Full name of second assignor, if any) _____
(Address) _____

(Full name of third assignor, if any) _____
(Address) _____

(Full name of fourth assignor, if any) _____
(Address) _____

The First ASSIGNEE referred to in this agreement is:

(Name of Assignee) HANPIN ELECTRON CO., LTD.
(Address of Assignee) 1F, No. 87, Chung Tao Road, Tainan, Taiwan, R.O.C.

The Second ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____
(Address of Assignee) _____

The First ASSIGNEE is:

- (Check one) an individual
 a partnership
 a Corporation of Taiwan, R.O.C. (State or Country)

The Second ASSIGNEE is:

- (Check one) an individual
 a partnership
 a Corporation of _____ (State or Country)

Additional assignees are being named on separately numbered sheets attached hereto.

The ASSIGNOR(S), in consideration of \$1.00 paid by each ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign the following to each ASSIGNEE; their successors and assigns:

- the full and exclusive right to the invention;
- an equal interest in and to the entire right, title and interest in and to the PATENT RIGHTS in the invention, all continuations, continuations-in-part, divisionals, re-issues, and re-examination patents and patent applications; and
- the right to claim priority under 35 U.S.C. 119, based on any earlier foreign applications for this invention.

As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(S) hereby authorize(s) and requests the Director of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(s) as the ASSIGNEE(s) of an equal interest in the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE(s), their successors and assigns.

Further, the ASSIGNOR(s) agree(s) to communicate to said ASSIGNEE(s), or their representatives, any facts known to the ASSIGNOR(s) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation continuation-in-part, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE(s), make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE(s), their successors and assigns, to obtain and enforce proper protection for said invention.

Han-Chih Liu

4/26/2002

(Signature of sole or first assignor)
HAN-CHIH LIU (LIU IS FAMILY NAME)

(Date)

(Signature of second assignor, if any)

(Date)

(Signature of third assignor, if any)

(Date)

(Signature of fourth assignor, if any)

(Date)