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JC985 U.S. PTO
09/990273
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Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

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Mark if additional names of conveying parties attached Execution Date
Month Day Year

Name (line 1)

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Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

ASSIGNMENT DEEM

This Assignment agreement is applicable to an invention entitled (invention title) ULTRASONIC AND INFRARED TRANSMITTER WITH TUNABLE CARRIER FREQUENCY

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 any U.S. Patent Application identified above.

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

(Full name of first assignor) Chun-Yang Hsiao
(Address) No. 12, Innovation 1st. Rd., Science-Based Industrial Park, Hsinchu 300 Taiwan R.O.C.

(Full name of second assignor, if any) Shui-Po Ho
(Address) No. 12, Innovation 1st. Rd., Science-Based Industrial Park, Hsinchu 300 Taiwan R.O.C.

(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) ELAN MICROELECTRONICS CORPORATION
(Address of Assignee) No. 12, Innovation 1st. Rd., Science-Based Industrial Park, Hsinchu 300 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 the 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), made 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.

Chun-Yang Hsiao **CHUN-YANG HSIAO** October 31, 2001
(Signature of sole or first assignor) **(HSIAO IS FAMILY NAME)** (Date)

Shui-Po Ho **SHUI-PO HO (HO IS FAMILY NAME)** October 31, 2001
(Signature of second assignor, if any) **NAME)** (Date)

(Signature of third assignor, if any) (Date)

(Signature of fourth assignor, if any) (Date)