FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 11-29-2001



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Correspond	ent Name and Address	Area Code and Telephone Number 4	10-465-6678		
Name	Morton J. Rosenbers	3			
Address (line 1)	Rosenberg, Klein &	Lee			
Address (line 2)	3458 Ellicott Cente	er Drive. Suite 101			
Address (line 3)	Ellicott City, MD	21043			
Address (line 4)					
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Morton J	. Rosenberg	Mailm Y Joh	11/23/01		
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ASSIGNMENT DELIN	
This Assignment agreement is applicable to an invention entitled (invention title) \underline{U}	LTRASONIC AND INFRARED TRANSMITTER
WITH TUNABLE CARRIER FREQUENCY	
The PATENT RIGHTS referred to in this agreement are: (Check one)) concurrently with this Assignment
U.S. Patent Application Serial No. U.S. Patent No, issu	ued
The PATENT RIGHTS assigned under this agreement are:	
(check one) X 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 arc):	
(Full name of first assignor) Chun-Yang Hsiao	
(Address) No. 12, Innovation 1st. Rd., Science-Based Industrial Park, Hsinchu 300 Taiwan R	i.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	2 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:	N-0-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
(Name of Assignee) ELAN MICROELECTRONICS CORPORATION	
(Address of Assignee) No. 12, Innovation 1st. Rd., Science-Based Industrial Park, Hsinchu 3	00 Taiwan R.O.C.
	AND THE RESIDENCE OF THE PARTY
The Second ASSIGNEE referred to in this agreement is:	
(Name of assignee)	
(Address of Assignee)	
A supplied to the supplied to	
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)
The ASSIGNOR(s), in consideration of \$1.00 paid by the ASSIGNEE, and other g	ood and valuable consideration, receipt of which is
acknowledged, have and do hereby assign the following to each ASSIGNEE; their successor	rs 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 PA	TENT RIGHTS in the invention all
continuations, continuations-in-part, divisionals, re-issues, and re-examinat	ion patents and patent applications;
and the right to claim priority under 35 U.S.C. 119, based on any earlier for	reign 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	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 representations of the said ASSIGNEE(s) agree(s) to communicate to said ASSIGNEE(s), or their representations of the said ASSIGNEE(s) agree(s) to communicate to said ASSIGNEE(s), or their representations of the said ASSIGNEE(s) agree(s) to communicate to said ASSIGNEE(s), or their representations of the said ASSIGNEE(s) agree(s) to communicate to said ASSIGNEE(s), or their representations of the said ASSIGNEE(s) agree(s) to communicate to said ASSIGNEE(s) agree(s) agree(s) to communicate to said ASSIGNEE(s) agree(s) agree(s) to communicate to said ASSIGNEE(s) agree(s) ag	esentatives, any facts known to the ASSIGNOR(S)
respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all d	ivisional, continuation, continuation-in-part,
substitute, renewal, reexamination, and reissue applications, execute all necessary assignment paper	ers 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	and said Assignee(s), their successors and assigns,
to obtain and enforce proper protection for said invention.	
(Signature of sole or first assignor) (HSIAO IS FAMILY NAME	October 31, 2001
(Signature of sole or first assignor) (HSIAO IS FAMILY NAME	(Date)
SHUI-PO HO (HO IS FAMILY	October 31, 2001
(Signature of second assignor, if any) NAME)	(Date)
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(Cinneth man of third against an if ann)	(Date)
(Signature of third assignor, if any)	(Ditte)
(Signature of fourth assignor, if any)	(Date)
	A CONTRACTOR OF THE CONTRACTOR

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