10-11-2000



101483297

U.S. Department of Commerce Patent and Trademark Office PATENT

MR1035-770

RECORDATION FORM COVER SHEET

TO: The Com-	Dissipance of December 2	PATENTS ON	LY		20
Submission	nissioner of Patents and Trademark			cument(s) or copy(les).	100
X New	. 1hc	Conveyance Ty	•		٠ ٢
L	reine (No S.	X Assignment	Security Ag	reement	
Documen	ssion (Non-Recordation)	License	Change of N	ame 04/664	177
Correctio	n of PTO Error	Merger	Other		
	Frame #		U.S. Governments on the ONLY by U.S. Governments	nt ent Agencies)	1
Reel #	Frame #		epartmental File	Secret File 9	100
Conveying F	arty(ies)	Mark if additions	i names of conveying pa	rties attached Execution Da Month Day	te Tear
Name (line 1)	CUANG SHIAH WANG			9/4/2000	
Name (line 2)				Execution Oat	
Second Party Name (line 1)	CHIH YÙAN CHEN			Month Day	Year
Name (line 2)	OUTH TOAN OHEN			9/4/2000	
Receiving Pa	arty	N	fark if additional names (of receiving parties attached	
Name (line 1) 09/29/2000 SDAV	MACHVISION, INC. s 00000065 09664777			If document to be a is an assignment a	ind the
021 5(1) 56 fline 2)	40.00 OP			receiving party is n domiciled in the Ur States, an appointr	rited
Address (line 1)		load TV Cataca	Pacad	of a domestic representative is at	
<u>ــ</u> کارد اساماد دارد	3F, No. 15, Industry East R	toad ix, Science	z-based	(Designation must separate documen	be a
Address (line 2)	Industrial Park			Assignment.)	
Address (line 3)	Hsinchu Cuty	Taiwan R.O.C.		0.000	
Domestic Representative Name and Address Enter for the first Receiving Party only.					
Name [
L-					
Address (line 1)			<u></u>		
Address (line 2)		-			
Address (line 3)					
Address (line 4)					
FOR OFFICE USE ONLY					

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and rathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Palarit and Trademark Office, Chief Information Officer, Washington, O.C. 20231 and to the Office of Information Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, O.C. 20503. See OMB in ormation Budget Package 0651-0027, Palarit and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOTHIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to PATEMY

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT		
Correspondent Name and Address	Area Code and Telephone Number 410	-465-6678		
Name Morton J. Rosenberg	2			
Address (line 1) Rosenberg, Klein &	Lee			
Address (line 2) 3444 Ellicott Cente	er Drive. Suite 105			
Address (line 3) Ellicott City, MD 2	1043			
Address (line 4)				
Pages Enter the total number of paincluding any attachments.	ages of the attached conveyance document	# 4		
Application Number(s) or Patent Nur	mber(s) Mark if additi	onal numbers attached		
	Patent Number (DO NOT ENTER BOTH numbers for th			
Patent Application Number(s)	Patent Nu	mber(s)		
If this document is being filed together with a new Pate signed by the first named executing inventor.	ent Application, enter the date the patent application wa	9/4/2000		
Patent Cooperation Treaty (PCT)				
Enter PCT application number	PCT PCT	PCT		
only if a U.S. Application Number has not been assigned.	PCT	PCT		
Number of Properties	tal number of properties involved. #			
Fee Amount Fee Amount	for Properties Listed (37 CFR 3.41): \$ \$	40.00		
•	osed X Deposit Account			
(Enter for payment by deposit account or if add		18-2011		
	Deposit Account Number: # Authorization to charge additional fees: Ye	(\$\frac{1}{2}\)		
Statement and Signature				
To the best of my knowledge and be	elief, 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				
Morton J. Rosenberg	Noton Does	a/18/3000		
Name of Person Signing	Signature	Date		

PATENT

REEL: 011132 FRAME: 0739

FORM PTO-1619C Expres 06/30/99 OMB 0651-0027

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office PATENT

Conveying Pai Enter additional Co	- -	Mark if additions	i names of conveying part	ies attached	Execution Date Month Day Year
Name (line 1)	JACKY CHEN	•			9/4/2000
Name (line 2)	JACKI CHEN				Execution Data Month Day Year
Name (line 1)	SHT HSHAN HUNG				9/4/2000
Name (line 2)					Execution Date Month Day Year
Name (line 1)	WU YU HSIAO				9/4/2000
Name (line 2)					
Receiving Par	ty(ies)	M	ark if additional names of r	eceiving parties	attached = 29
-	eceiving Party(ies)		•		\$6. 3
Name (line 1)					if document to be gentlement is an assignment and the receiving party is not domiciled in the United
Name (line 2)					States, an appointment of a domestic representative
Address (line 1)					is attached. (Designation must be a separate document from
Address (line 2)					Assignment.)
Address (line 3)	Gity		State/Country	Zip Code	1
Name (line 1)					If document to be recorded is an assignment and the receiving party is not
Name (line 2)					domiciled in the United States, an appointment of a domestic representative is attached. (Designation must
Address (line 1)					be a separate document from Assignment.)
Address (line 2)				<u></u>	
Address (line 3)	City		State/Country	Zio C	ode
Application N	lumber(s) or Patent Patent Application Number	Number(s) {	Mark if additional nu	mbers attached Imbers for the S	nme property).
Enter eitner til	atent Application Numb	er(s)		Patent Num	ber(s)
Fi	Application is an application is a second se				
	7 [
				·	

PATENT

REEL: 011132 FRAME: 0740

ASSIGNMENT DEED

This assignment agreement is applicable to an invention entitled (invention title) APPARATUS AND	
METHOD FOR DETECTING ACCURACY OF DRILL HOLES ON A PRINTED CIRCUIT BOARD	,
This PATENT RIGHT referred to in this agreement are: (Check one) [X] a Patent Application for this invention, executed by the ASSIGNOR(S) concurrently with this Assignment	
U.S. Patent No. issued	
U.S. Patent Application Serial No, filed	
worldwide Patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date	
The ASSIGNOR(S) referred to in this agreement is (or are):	
(Full name of sole or 1st inventor) Guang Shian WANG	
of any U.S. Patent Application identified above. The ASSIGNOR(S) referred to in this agreement is (or are): (Full name of sole or 1st inventor) Guang Shiah WANG (Address) 11F, No. 6-2, Lane 35, Chu-Guang Rd., Hsinchu, Taiwan, R.O.C.	
(Full name of 2rd joint inventor, if any) Chih Yuan CHEN (Address) 4F, No. 5, Lane 191, Sec. 3, Chen Te Rd., Taipei, Taiwan, R.O.C.	
(Address)4F, No. 5, Lane 191, Sec. 3, Chen 1e Rd., Taiper, Taiwan, R.O.G.	
(Address)4F, No. 5, Lane 191, Sec. 3, Chen 1e Rd., Taiper, Taiwan, R.O.C. (Full name of 3rd joint inventor, if any) Jacky CHEN (Address) 3F, No. 2, Alley 66, Lane 283, Chung Cheng Rd., Yuan Ho City, Taipei Hsien,	
(Full name of 4th joint inventor) Shi Hsuan HUNG	. 1
(Address) NO 98-2 lane 20. Sec. 4. San Ho Rd., Lin /, Yuan Te Li, San Chung City, Taiper Hister	η,
(Full name of Etc. joint inventor if any) My VII HSTAO	
(Address) No. 7 Iero 359 Hear Din Duan Chung Feng Rd., Pin Chen City, Taoyuan Halen, Taiwan,	
(Full name of 6th joint inventor, if any)	
(Address)	
The First ASSIGNEE referred to in this agreement is:	
(Name of Assignce) MACHVISION, INC. (Address) 3F, No. 15, Industry East Road IX, Science-Based Industrial Park, Hsinchu, Taiwan,	
The Second ASSIGNEE referred to in this agreement is: R.O.C.	-
(Name of Assignee)	
(Address)	•
The Third ASSIGNEE referred to in this agreement is:	
(Name of Assignee)	
(Address) The First ASSIGNEE is:	
(Check one) an individual	
a partnership	
X 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 Third 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 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; 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. Potent, Applications assigned under this Agreement, the ASSIGNOR(S) hereby authorize(s) and request(s).	
As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner 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 theirs 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 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 enforced proper protection for said invention.	

cont'd...

PATENT REEL: 011132 FRAME: 0741

- Guary-Shiah May GUANG-SHIAH WANG	9/4/2000
(Signature of sole or 1st inventor) (WANG IS FAMILY NAME)	(Date)
CHIH - YUAN CHEN CHIH YUAN CHEN	9/4/2000
(Signature of 2nd inventor, if any) (CHEN IS FAMILY NAME)	(Date)
Jacky Chen (CHEN IS FAMILY	9/4/2000
(Signature of 3rd inventor, if any) NAME)	(Date)
Shi Housin Hury shi Houan Hung	9/4/2000
(Signature of 4th joint inventor) (HUNG IS FAMILY NAME)	(Date)
(Signature of 5th inventor, if any) FAMILY NAME)	. 9/4/2000
(Signature of 5th inventor, if any) FAMILY NAME)	(Date)
(Signature of 6th inventor, if any)	(Date)

PATENT REEL: 011132 FRAME: 0742

RECORDED: 09/19/2000