U.S. PTO 12/081014 04/09/2008

Form PTO-1595 (Rev. 03-05) OMB No. 0651-0027 (exp. 6/30/2005)	04-16	3-200	າຂ		EPARTMEN es Patent ar		
To the Director of the U.S. Patent and	1034	0723	7	nents or the	e new addr	ess(es)	belov
 Name of conveying party(ies): 	1004	L. Main	7 e ano acores:	of receiving	g party(ies)	
Shen-Kuen CHANG (03/28/2008), (Chung-Hsien		Industrial				stitut
LU (03/28/2008), Hao-Ting CHAO (Shih-Hua CHANG (03/28/2008),	U3/20/2UU8),	Internal	Address:				
Additional name(s) of conveying party(ies) attached?	X Yes No	Street A					
3. Nature of conveyance/Execution Date(s	<u></u> s):	7					
Execution Date(s): in parentheses after inv	entor name	No. 19	95, Sec. 4, C	hung-Hsing	Rd., Chu	tung	
	nge of Name	-	,	•	,	Ū	
Security Agreement Joint Research	_			4.4-1.			
	ai Agreement	_			nu		
Government Interest Assignment		State: _					
Executive Order 9424, Confirmatory Lice	ense	1	Taiw		Zip:_		
Other	·	Addition attached	al name(s) & a i:	address(es)	Yes	×	No
4. Application or patent number(s):		7	nent is being fi	• 4			
Additional	Laumham attachas		الامد البالد				
5. Name and address to whom corresponde	I numbers attached	6. Total	Yes X		nd	 1	7
5. Name and address to whom corresponde concerning document should be mailed:	nce	6. Total	<u>. L </u>		nd [1	
5. Name and address to whom corresponde concerning document should be mailed: Name: Paul C. Lewis	nce	6. Total patent	number of ap		nd	1	
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5. Name and address to whom corresponde concerning document should be mailed: Name: Paul C. Lewis BIRCH, STEWART, KOLAS	nce s SCH & BIRCH,	6. Total patent	number of ap ts involved:	plications ar) \$	40.0	
5. Name and address to whom corresponde concerning document should be mailed: Name: Paul C. Lewis BIRCH, STEWART, KOLAS LLP Internal Address: Atty. Dkt.: 1777-0116PU Street Address: 8110 Gatehouse Road	nce s SCH & BIRCH,	6. Total patent	number of ap ts involved:	plications ar .21(h) & 3.41 be charged b) \$ by credit ca	40.00	0
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5. Name and address to whom corresponde concerning document should be mailed: Name: Paul C. Lewis BIRCH, STEWART, KOLAS LLP Internal Address: Atty. Dkt.: 1777-0116PU Street Address: 8110 Gatehouse Road Suite 100 East P.O. Box 747 City: Falls Church	nce SCH & BIRCH, S2	7. Total (number of ap ts involved: fee (37 CFR 1 Authorized to Authorized to Enclosed	plications ar .21(h) & 3.41 be charged to be charged to) \$ by credit ca b deposit a	40.00	<u> </u>
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Form PTO-1595	RECOR	RDATION FORM COVER SHEET (continued)	
1		cution Date(s) (1. Continued):	
Yu-Ren HSU (03/28/	/2008), Kun-Lin HUANG	6 (03/28/2008), and Cheng-Wei WA	NG (03/28/2008)
Additional Assign	ees (2. Continued):		
Assignee Name:			
Internal Address: Street Address:			
City:	State:	Country:	Zip:
Assignee Name:			
Internal Address: Street Address:			
City:	State:	Country:	Zip:
Assignee Name:			
Internal Address: Street Address:			 -
City:	State:	Country:	Zip:
Additional Applica	itions and/or Patent	s (4. Continued):	
Additional Patent Application 4A. Continued:	on Numbers	Additional Patent Numbers 4B. Continued:	
	Additional numbers	attached? Yes No.	

2

Docket No.: 1777-0116PUS2

REEL: 020822 FRAME: 0022

ASSIGNMENT

In consideration of good and valuable acknowledged, the undersigned,	consideration, the receipt of which is hereby
(1) CHANG SHEN-KUEN, LU CHUNG-HSIEN, CH	AO HAO-TING, CHANG SHIH-HUA,
HSU YU-REN, HUANG KUN-LIN, WANG CHE	
HEREBY SELL(S), ASSIGN(S) AND TRAN	
(2) INDUSTRIAL TECHNOLOGY RESEARCH INS	TITUTE having a place of business at
(3) NO.195, SEC.4, CHUNG HSING RD., CHUTUN	G, HSINCHU, TAIWAN, R.O.C.
(hereinafter called "ASSIGNEE") the entire	right, title and interest in and to any and all application for United States Letters Patent
entitled	application for United States Letters Patent
(4) SMOKE DETECTING METHOD AND I	DEVICE .
which application was:	
(a) executed by the undersigned on (5a)	March 28, 2008
(b) filed on (5b)	
And assigned Serial No.	
including any and all United States letters Pate	ents which may be granted on said application,
and any and all extensions, divisions, reissues,	substitutes, renewals or continuations of said
the protection of industrial property and applic	enefits under all international conventions for
	•
It is hereby authorized and requested that	t the Commissioner of Patents issue any and
all of said Letters Patent, when granted, to s interest or its designee.	aid Assignee, its assigns or its successors in
micrest of its designee.	
Upon said consideration, it is further ag	reed that, when requested, without charge to
but at the expense of said Assignee, the under	signed will execute all divisional, continuing,
substitute, renewal, and reissue patent applications of the said A	ations; execute all rightful other papers; and assignee shall consider desirable for aiding in
securing and maintaining patent protection as p	
DATE	D.B. CONTROLOR
DATE:	INVENTOR(S)
March 28, 2008	Chang then killer CHANG SHEN-KUEN
	Willy CHANG SHEN-KUEN
March 28, 2008	hichun Man EU CHUNG-HSIEN
	Of the state of th
March 28, 2008	Man Han-Ting CHAO HAO-TING
	- Mar Tue
March 28, 2008	CHANG SHIH-HUA CHANG SHIH-HUA
	HSU YU-REN
March 29, 2009	11
March 28, 2008	Huang Kun-Lin HUANG KUN-LIN
March 20 2000	Land day - A & want orman was
March 28, 2008	Wand dang ward CHENG-WE
March 28, 2008 WITNESSES:	Way day wysty CHENG-WE

PATENT REEL: 020822 FRAME: 0023

ASSIGNMENT

In consideration of good and valuable acknowledged, the undersigned,	consideration, the receipt of v	which is hereby
(1) CHANG SHEN-KUEN, LU CHUNG-HSIEN, CE	IAO HAO-TING. CHANG SHIH-HI	JA.
HSU YU-REN, HUANG KUN-LIN, WANG CHI		
HEREBY SELL(S), ASSIGN(S) AND TRAN		
(2) INDUSTRIAL TECHNOLOGY RESEARCH INS	STITUTE having a place	of business at
(3) NO.195 SEC.4. CHUNG HSING RD. CHUTUN (hereinafter called "ASSIGNEE") the entire improvements which are disclosed in the	right, title and interest in and	to any and all Letters Patent
entitled		
(4) <u>SMOKE DETECTING METHOD AND I</u> which application was:	DEVICE	
(a) executed by the undersigned on (5a)	March 28, 2008	
(a) excelled by the uncolorgica on (54)		
(b) filed on (5b)		
And assigned Serial No. including any and all United States letters Pate and any and all extensions, divisions, reissues application and patents, and the right to all be the protection of industrial property and applic	, substitutes, renewals or continential cont	nuations of said
It is hereby authorized and requested the all of said Letters Patent, when granted, to sinterest or its designee.		
Upon said consideration, it is further ag but at the expense of said Assignee, the under substitute, renewal, and reissue patent applic generally do everything possible which said A securing and maintaining patent protection as	signed will execute all division ations; execute all rightful oth Assignee shall consider desirab	nal, continuing, ner papers; and
DATE:	INVENTOR(S)	
		
	<u>C</u>	HANG SHEN-KUEN
	L	U CHUNG-HSIEN
	c	HAO HAO-TING
	c	HANG SHIH-HUA
March 28, 2008	Hsu Yu-Ren H	ISU YU-REN
	н	UANG KUN-LIN
	V	VANG CHENG-WEI
WITNESSES:		circos, andica

RECORDED: 04/09/2008

PATENT REEL: 020822 FRAME: 0024