79 110 15 At 2:16



. DEPARTMENT	OF COMMERCE
U.S. Patent and	Trademark Office

To the Honorable Co	ommissioner of Pate	ents and Trademarks: F	Please record the attached original documents or copy thereof
Name of convey	ing party:	8.16.02	2. Name and address of receiving party(ies)
John P. McSwiggen 8. 15.03		0.120	Name: KNOWLES ELECTRONICS, LLC
			Street Address: 1151 Maplewood Drive
Additional name(s) of con attached?	veying party(ies)	Yes x No	
3. Nature of Convey	ance:		
x Assignment		lerger	
Security Agreen	nent C	hange of Name	City: Itasca
Other			State: IL Zip: 60143
Execution Date:	August 4	4. 2003	Additional name(s) & Yes x No
			address(es) attached:
4. Application number	per(s) or patent n	umber(s):	
If this document is being	g filed together with a	a new application, the ex	xecution date of the new application is:
A. Patent Application	on No.:		B. Patent No.(s):
10/417,577			
	Additi	onal numbers attach	ed? Yes x No
 Name and address concerning docume 			6. Total number of applications and patents involved: 1
Name: Anthony G. Sitko MARSHALL, GERSTEIN & BORUN LLP		ORUN LLP	7. Total fee (37 CFR 3.41) \$ 40.00
Atty. Dkt.: 30521/65	0A		x Enclosed
Street Address:	0.11.0000		Authorized to be charged to deposit accour
233 S. Wacker Drive Sears Tower	, Suite 6300		Authorized to be charged to credit card
			(Form 2038 enclosed)
	C4-4-	7 !	8. Deposit account number:
O:t	State: IL	Zip: 60606-6357	13-2855
. •			(Attach duplicate copy of this page if paying by deposit account
. •		DO NOT USE	
City: Chicago		DO NOT USE	THIO OF ACE
Chicago Statement and sign	nature.		
Chicago Statement and sign	nature.	lief, the foregoing info	ormation is true and correct and any attached copy
Chicago Statement and sign To the best of my kris a true copy of the	nature. nowledge and bel original documer	lief, the foregoing info	ormation is true and correct and any attached copy
Chicago Statement and sign To the best of my king is a true copy of the	nature. nowledge and bel original documer 5. Sitko - 36,278	lief, the foregoing info	ormation is true and correct and any attached copy August 12, 2003
Chicago Statement and sign To the best of my kr is a true copy of the Anthony C	nature. nowledge and bel original documer 3. Sitko - 36,278 Person Signing	lief, the foregoing info nt.	ormation is true and correct and any attached copy

Alexandria, VA 22313-1450, on the date shown below.

Dated: August 12, 2003

Signature:

(Anthony G. Sitko)

08/20/2003 LHUELLER 00000059 10417577

01 FC:8021

40.00 OP

PATENT REEL: 014392 FRAME: 0146

ASSIGNMENT

Serial No: 10/417,577

Filed: April 17, 2003

Title: ACOUSTICAL SWITCH FOR A DIRECTIONAL MICROPHONE

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrants himself to be the owner of the interest herein assigned and to have the right to make this assignment and further warrants that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for the aforesaid consideration the undersigned further agrees upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

1 30521/650A

State of County of John P. McSwiggen

On this day of Hugust, 2003

John P. McSwiggen

On this day of Hugust, 2003, before me, a

Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires:

My Commission Expires:

RECORDED: 08/15/2003

OFFICIAL SEAL
Notary Public - State of Illinois
REGINA M. SALVADOR
My Comm. Expires JUNE 23, 2007

PATENT REEL: 014392 FRAME: 0148