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U.S. DEPARTMENT OF COMMERCE

			Patent and Trademark Office		
Docket No. BRI/023					
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.					
Name of conveying party(ies):     David M. Forman, David T. Jennings III, and Gimtong     Teowee     Additional name(s) of conveying party(ies) attached?		Name and address of receiving party:     Name: Special Devices, Inc.  Internal Address: 14370 White Sage Road    Continue			
☐ Yes ☒ No  3. Nature of conveyance:		City:	Stato: Zin:		
Assignment     Security Agreement	<ul><li>☐ Merger</li><li>☐ Change of Name</li></ul>	Street Address:	2-3		
Other		City: Moorpark	State: <u>CA</u> Zip: <u>93021</u>		
Execution Date: July 9 and 11, 2003		Additional names & addresses attached?   Yes   No			
4. Application number(s) or patent number(s): <i>tba</i> If this document is being filed together with a new application, the execution date of the application is: <u>July 9 and 11, 2003</u>					
A. Patent Application No(s).:		B. Patent No(s).:			
\oししてもない Additional numbers attached? ☐ Yes ☒ No					
concerning document show Name: Thomas J. Brind Internal Address: Lav 20		<ul> <li>6. Total number of applicatio</li> <li>7. Total fee (37 CFR 3.41):</li> <li>☑ Enclosed (PTO Form</li> <li>☑ Charge the following additional fee is requ</li> <li>8. Deposit Account Number:</li> </ul>	\$40.00 2038) Deposit Account if any iired:		
	DO NOT USE THIS SPACE				
9. Statement and signature:					
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Date: July 15, 2003  Thomas J. Brindisi, Reg No. 40,848					
Total number of pages including cover sheet: 4.					
OMB No. 0651-0011 (exp. 4/94)					
Do not detach this portion  Mail documents to be recorded with required cover sheet information to:  Director of the U.S. Patent and Trademark Office					
PO Box 1450					
Alexandria, VA 22313-1450					
Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503					

## ASSIGNMENT OF PATENT APPLICATION

WHEREAS, we, David M. Forman and David T. Jennings III, citizens of the UNITED STATES OF AMERICA, and Gimtong Teowee, a citizen of MALAYSIA (hereinafter referred to as "ASSIGNORS"), have invented a "Firing-Readiness Diagnostics of a Pyrotechnic Device Such as an Electronic Detonator" for which application for Letters Patent of the United States of America has been executed on even date(s) herewith; and

WHEREAS, Special Devices, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware and having its principal place of business at 14370 White Sage Road, Moorpark, California 93021 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto, to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at MOR	FORK-, C	alifornia, this <u>//</u> day	of JULY,
2003.		- Towiel 1	M formen
		David M. Forman	. 0
STATE OF California	)		
COUNTY OF Ventura	) ss		
on JULY 11,2003 bei	fore me, OHR	Sty Daniels	, personally appeared
David M. Forman personally know	n to me - OR -	proved to me on the basis of	of satisfactory evidence to be
the person whose name is we subscribe same in his her authorized capacity, and	d to the within ins	strument and acknowledged gnature on the instrument the	to me that he/she executed the see person executed the
instrument.	· > \		

PATENT REEL: 014284 FRAME: 0903

CHRISTY DANIELS

Commission # 1369860 Notary Public - California Ventura County My Comm. Expires Sep 6, 2006 Attorney Docket: BRI/023

and for said County and State WITNESS my hand at \_\_\_\_\_, California, this \_\_\_\_ day of \_\_\_\_\_, 2003. David T. Jennings III STATE OF California COUNTY OF Santa Barbara \_, personally appeared \_ before me, \_ David T. Jennings III personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person whose name is/are subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person executed the instrument. WITNESS my hand and official seal. Notary Public in and for said County and State WITNESS my hand at , California, this, 2003. STATE OF California person whose name is the subscribed to the within instrument and acknowledged to me that he executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person executed the instrument. WITNESS my hand and official seal.

> PATENT REEL: 014284 FRAME: 0904

ublic in and for said County and State

**RECORDED: 07/15/2003** 

WITNESS my hand and official seal.	
	Notary Public in and for said County and State
WITNESS my hand at Santa Bordon	California, this 4th day of July,
2003.	
	David T. Jennings III
STATE OF California ) ss	
COUNTY OF Santa Barbara )	
On 7-9-03 before me, 6	- ☐ proved to me on the basis of satisfactory evidence to
David T. Jennings III personally known to me - OR be the person whose name is/are subscribed to the within the same in his/her authorized capacity, and that by his/h instrument.	instrument and acknowledged to me that he/she executed
WITNESS my hand and official seal.	011.
	Mily
COLEEN MORIARTY Commission # 1373126 Notary Public - California Santa Barbara County My Comm. Expires Sep 6, 2006	Notary Public in and for said County and State  ****
WITNESS my hand at, 2003.	, California, this day of,
	Gimtong Teowee
STATE OF California	
OUNTY OF Ventura ) ss	
On before me,	, personally appeared
Gimtong Teowee personally known to me - OR - person whose name is/are subscribed to the within instrustance in his/her authorized capacity, and that by his/her signstrument.	, personally appeared proved to me on the basis of satisfactory evidence to be the ment and acknowledged to me that he/she executed the ignature on the instrument the person executed the
WITNESS my hand and official seal.	
	Notary Public in and for said County and State

PATENT REEL: 014284 FRAME: 0905