Image: Security Agreement Image: Security Agreement <th>FORM PTO-1695 (Modified) DEC 16 PM 3:04 RECC</th> <th>2-20-2002</th> <th>U.S. DEPARTMENTOF COM Patent and Trademar</th>	FORM PTO-1695 (Modified) DEC 16 PM 3:04 RECC	2-20-2002	U.S. DEPARTMENTOF COM Patent and Trademar
To the Honorable Commissioner of Patents and 102318121 Jinal documents or copy the second of th			
1. Name of conveying party(les): IV-16-0 Additional names(e) of conveying party (les): IV-16-0 Address: Catelone III. Additional numbers: City: Patch-Tikva State Filing date By Patent Application No. Filing date By Patent Application No. Filing date Name: William IL Dippert, Esg. Address: Catal numbers State State State State/Prov.: Systemation No. 26,723 Concording document should be malade:			Jinal documents or copy the
Additional names(s) of conveying party(se) I Yes 20 No 3. Nature of conveying party(se) I Yes 20 No 3. Nature of conveying party(se) I Yes 20 No 3. Nature of conveying party(se) I Yes 20 No 3. Nature of conveying party(se) I Yes 20 No 3. Nature of conveying party(se) I Yes 20 No 3. Nature of conveying party(se) I Yes 20 No Country: Israel ZIP: 49534 Execution Date: October 21, 2002 Additional name(s) & atoms(se) I Yes 20 No 4. Application number(s) or patent numbers(s): If this documents being filed together with a new application, the execution date of the application is: I Yes 20 No 5. Name and address of party to whom correspondence concording document should be mailed: B. Patent No.(s) 9/907,322 5. Name: William H. Dippert, Esq. 7. Total fee (37 CFR 3.41):	1, Name of conveying party(ies):	2. Name and address of re	ecelving party(ies):
Additional names(s) of conveyingparty(les) I Yes X No 3. Nature of conveyingparty(les) I Yes X No City: Petach-Tilixua State/Prov.: Other Country: Israel ZIP: 49514 Execution Date: October 21, 2002 Additional name(s)& address(ee) I Yes X No 4. Application number(s) or petern numbers(e): If this document is being filed together with a new application, the execution date of the application is: Patent Application No. 99/907,252 July 17, 2001 S. Total number of applications and patents involved. Name: William IL Dippert, Esq. 7. Total fee (37 CFR 3.41):	1×16-02	Name: Civcom Devices	& Systems Ltd.
3. Nature of conveyance: 3. Assignment Becurity Agreement Change of Name Other Change of Name City: Petach-Titxa State/Prov.: Country: Lizael ZIP: 49514 Execution Date: October 21, 2002 Actitional number(s) or patent numbers(s): If this document is being filled together with a new application, the execution date of the application is: Patent Application No. Filling date 0/9/07,252 July 17, 2001 Actitional numbers Yes & No 5. Name and address of party to whom correspondence concorning document should be mailed: Name: William H. Dippert, Esg. 7. Total fee (37 CFR 3.41):		Address: 2 HagraniteS	treet
Security Agreement Image of Name City: Petach-Tilkva State/Prov.: Country: Israel ZIP: 49514 Execution Date: October 21, 2002 Acditional number(s) & addrass(es) Image of Name Country: Israel ZIP: 49514 Execution Date: October 21, 2002 Acditional numbers(s) & addrass(es) Image of Name 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: Image: Name Patent Application No. Filing date B. Patent No.(s) 09/907,252 July 17, 2001 Image: Size No S. Name and address of party to whom correspondence concerning document should be mailed: Size Name Name: Yilliam H. Dippert, Esq. Total fee (37 CFR 3.41):	Additional names(s) of conveying party(ies)		
Security Agreement Change of Name City: Petach-Tilkva State/Prov.: Other Country: Israel ZIP: 49514 Execution Date: October 21, 2002 Acditional name(s) & address(ee) Yes No 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: Patent Application No. Filing date B. Patent No.(s) 09/907,252 July 17, 2001 Additional numbers Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):	3. Nature of conveyance:		,,
Country: Israel ZIP: 49514 Execution Date: October 21, 2002 Additional name(s) & address(es) I vas B No 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: Patent Application No. Filing date B. Patent No.(s) 09/907,252 July 17, 2001 Additional number Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved. Name: William H. Dippert, Esq. 7. Total fee (37 CFR 3.41):	🛛 Assignment 🔲 Merger	·	
Execution Date: October 21, 2002 Additional name(s) & address(es) If we is no 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is:	Security Agreement Change of Name	City: Petach-Tikva	State/Prov.:
4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: Patent Application No. Filing date 09/907,252 July 17, 2001 Additional numbers D Yes S No 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved. Name: William H. Dippert, Esq. 7. Total fee (37 CFR 3.41):	□ Other	Country: Israel	ZIP: <u>49514</u>
If this document is being filed together with a new application, the execution date of the application is: Patent Application No. Filing date 9/907,252 July 17, 2001 Additional numbers Ites Ites Ites Ites Ites Ites Ites Ites	Execution Date: October 21, 2002	_ Additional name(s) & addrass(e	rs) 🗆 Yaş 🖾 No
If this document is being filed together with a new application, the execution date of the application is: Patent Application No. Filing date 9/907,252 July 17, 2001 Additional numbers Ites Ites Ites Ites Ites Ites Ites Ites	4. Application number(s) or patent numbers(s):		
09/907,252 July 17, 2001 Additional numbers I Yes INo 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: Name: William H. Dippert, Esq. 7. Total fee (37 CFR 3.41):		on, the execution date of the ap	oplication is:
09/907,252 July 17, 2001 Additional numbers I Yes INo 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: Name: William H. Dippert, Esq. 7. Total fee (37 CFR 3.41):	Patent Application No. Filing date	B. Patent No.(s)	
Additional numbers Yes S No 5. Name and address of party to whom correspondence concorning document should be mailed: 6. Total number of applications and patents involved: Name: William H. Dippert, Esq. 7. Total fee (37 CFR 3.41):	–		
5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: Name: William H. Dippert, Esq. 7. Total fee (37 CFR 3.41):	09/907,252 July 17, 2001		
concerning document should be mailed: 0.1.10tal fiel (01 applications and patents involved. Name: William H. Dippert, Esq. 7. Total fee (37 CFR 3.41):	09/907,252 July 17, 2001		
Registration No. 26,723 Address: Reed Smith LLP 599 Lexington Avenue, 29th Floor Image: Construction of the construction o		5 🗌 Yes 🖾 No	
Address: Reed Smith LLP 599 Lexington Avenue, 29th Floor Image: Authorized to deposit account 599 Lexington Avenue, 29th Floor Image: Authorized to be charged to deposit account 599 Lexington Avenue, 29th Floor Image: Authorized to be charged to deposit account 6 City: New York State/Prov.: NY Country: USA ZIP: 1002.2-7650 (Attach duplicate copy of this page if paying by deposit account 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 of the original document. Paul FENSTER, Reg. No. 33,877 Dawl Fewster December 3, 2002 Name of Person Signing Signature Total number of pages including cover sheet, attachments, and Image: Commissioner of Patents & Tradements, Box Assignments Mat documents to be recorded with regulation to: Commissioner of Patents & Tradements, Box Assignments Date	Additional number 5. Name and address of party to whom correspondence		tions and patents involved:
Address: Keed Sindarian 599 Lexington Avenue, 29th Floor	Additional number 5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applica	
8. Deposit account number: City: New York State/Prov.: NY Country: USA ZIP: 10022-7650 ONOT 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 cof the original document. Paul FENSTER, Reg. No. 33,877 Name of Person Signing Total number of pages including cover sheet, attachments, and Maldocuments to be recorded with required cover sheet information to: 2002 GT0N11 00000014 033419	Additional number 5. Name and address of party to whom correspondence concerning document should be mailed: Name: William H. Dippert, Esq.	6. Total number of applica 7. Total fee (37 CFR 3.41)	:\$ <u>40.00</u>
City: New York State/Prov.: NY 03-3419 Country: USA ZiP: 10022-7650 (Attach duplicate copy of this page if paying by deposit account DO NOT USE THIS SPACE 9. Statement and signature. 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 of the original document. December 3, 2002 Paul FENSTER, Reg. No. 33,877 Paul Fenster December 3, 2002 Name of Person Signing Signature Date Matdocuments to be recorded with regulad cover sheet, attachments, and Matdocuments to be recorded with regulad cover sheet. 9002 GTON11 00000014 033419 09907252	Additional number 5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>William H. Dippert, Esq.</u> Registration No. <u>26,723</u>	6. Total number of applica 7. Total fee (37 CFR 3.41) Enclosed - Any exce	\$ <u>40.00</u> ess or insufficiency should be
Country: USA ZIP: 10022-7650 (Attach duplicate copy of this page if paying by deposit account 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 of the original document. Paul FENSTER, Reg. No. 33,877 Dawl Ferseler December 3, 2002 Name of Person Signing Signature Total number of pages including cover sheet, attachments, and Mattdocuments to be recorded with reguled cover sheet information to: 2002 GTDN11 00000014 033419	Additional number 5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>William H. Dippert, Esq.</u> Registration No. <u>26,723</u> Address: <u>Reed Smith LLP</u>	 6. Total number of application 7. Total fee (37 CFR 3.41) Enclosed - Any excent credited or debited t 	\$ <u>40.00</u> ess or insufficiency should be to deposit account
Country: USA ZIP: 10022-7650 (Attach duplicate copy of this page if paying by deposit account 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 of the original document. Paul FENSTER, Reg. No. 33,877 Dawl Ferseler December 3, 2002 Name of Person Signing Signature Total number of pages including cover sheet, attachments, and Mattdocuments to be recorded with reguled cover sheet information to: 2002 GTDN11 00000014 033419	Additional number 5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>William H. Dippert, Esq.</u> Registration No. <u>26,723</u> Address: <u>Reed Smith LLP</u>	 6. Total number of application 7. Total fee (37 CFR 3.41) Enclosed - Any excent credited or debited to the characteristic of th	40.00 ss or insufficiency should be to deposit account arged to deposit account
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 of the original document. Paul FENSTER, Reg. No. 33,877 December 3, 2002 Name of Person Signing Signature Total number of pages including cover sheet, attachments, and Date Mail documents to be recorded with regulard cover sheet, information to: Commissioner of Patents & Trademarks, Box Assignments 2002 GT0N11 00000014 033419 09907252	Additional number 5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>William H. Dippert, Esq.</u> Registration No. <u>26,723</u> Address: <u>Reed Smith LLP</u> <u>599 Lexington Avenue, 29th Floor</u>	 6. Total number of application 7. Total fee (37 CFR 3.41) Enclosed - Any excent credited or debited to the characteristic of th	40.00 ss or insufficiency should be to deposit account arged to deposit account
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true of of the original document. Paul FENSTER, Reg. No. 33,877 Paul Fenster December 3, 2002 Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and Mandocuments to be recorded with required cover sheet information to: Date 2002 GT0N11 00000014 033419 09907252	Additional number 5. Name and address of party to whom correspondence concerning document should be mailed: Name: William H. Dippert, Esq. Registration No. 26,723 Address: Reed Smith LLP 599 Lexington Avenue, 29th Floor City: New York	 6. Total number of application 7. Total fee (37 CFR 3.41) Enclosed - Any excent credited or debited to the characteristic of th	\$ <u>40.00</u> ess or insufficiency should be to deposit account arged to deposit account r:
of the original document. Paul FENSTER, Reg. No. 33,877 Dawl Fenster December 3, 2002 Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and Mathdocuments to be recorded with required cover sheet information to: Date 2002 GTDN11 00000014 033419 09907252 Commissioner of Patents & Trademarks, Box Assignments	Additional number 5. Name and address of party to whom correspondence concerning document should be mailed: Name: William H. Dippert, Esq. Registration No. 26,723 Address: Reed Smith LLP 599 Lexington Avenue, 29th Floor City: New York State/Prov.: NY Country: USA ZIP: 10022-7650	 6. Total number of application 7. Total fee (37 CFR 3.41) Enclosed - Any excent credited or debited to the characteristic or debited to be characteristic account number 8. Deposit account number 03-3419 (Attach duplicate copy of this) 	\$ <u>40.00</u> ess or insufficiency should be to deposit account arged to deposit account r:
Name of Person Signing Total number of pages including cover sheet, attachments, and Maldocuments to be recorded with required cover sheet information to: 2002 GT0N11 00000014 033419 09907252 Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231	Additional number 5. Name and address of party to whom correspondence concerning document should be mailed: Name: William H. Dippert, Esq. Registration No. 26,723 Address: Reed Smith LLP 599 Lexington Avenue, 29th Floor City: New York State/Prov.: NY Country: USA 21P: 10022-7650 DO NO 9. Statement and signature.	 6. Total number of application 7. Total fee (37 CFR 3.41) Enclosed - Any excent credited or debited to the character of the second text of the second text of the second second second text of the second sec	40.00 ess or insufficiency should be to deposit account arged to deposit account r: s page if paying by deposit account)
Total number of pages including cover sheet, attachments, and Matdocuments to be recorded with required cover sheet information to: 2002 GT0N11 00000014 033419 09907252 Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231	Additional number 5. Name and address of party to whom correspondence concerning document should be mailed: Name: William H. Dippert, Esq. Registration No. 26,723 Address: Reed Smith LLP 599 Lexington Avenue, 29th Floor City: New York State/Prov.: NY Country: USA ZiP: 10022-7650 DO NO 9. Statement and signature. To the best of my knowledge and belief, the foregoing inform of the original document.	 6. Total number of application 7. Total fee (37 CFR 3.41) Enclosed - Any excent credited or debited to the characteristic or debited to be characteristic account number 03-3419 (Attach duplicate copy of this in the comparison of the comp	40.00 ess or insufficiency should be to deposit account arged to deposit account r: s page if paying by deposit account)
2002 GT0N11 00000014 033419 09907252 Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231	Additional number 5. Name and address of party to whom correspondence concerning document should be mailed: Name: William H. Dippert, Esq. Registration No. 26,723 Address: Reed Smith LLP 599 Lexington Avenue, 29th Floor City: New York State/Prov.: NY Country: USA ZIP: 10022-7650 DO NO 9. Statement and signature. To the best of my knowledge and belief, the foregoing inform of the original document. Paul FENSTER, Reg. No. 33,877 Dawl	 6. Total number of application 7. Total fee (37 CFR 3.41) Enclosed - Any excent credited or debited to the characteristic or debited to the character of the construction of the construct and the constr	40.00 40.00 ess or insufficiency should be o deposit account arged to deposit account r: is page if paying by deposit account) any attached copy is a true cop December 3, 2002
	Additional number 5. Name and address of party to whom correspondence concerning document should be mailed: Name: William H. Dippert, Esq. Registration No. 26,723 Address: Reed Smith LLP 599 Lexington Avenue, 29th Floor City: New York State/Prov.: NY Country: USA ZiP: 10022-7650 DO NO 9. Statement and signature. To the best of my knowledge and belief, the foregoing infonof the original document. Paul FENSTER, Reg. No. 33,877 Paul Name of Person Signing Total number of pages includin	6. Total number of application 7. Total fee (37 CFR 3.41) Enclosed - Any excent credited or debited to Authorized to be changed 8. Deposit account number 03-3419 (Attach duplicate copy of this in use THIS SPACE mation is true and correct and to Fersion Signature ng cover sheet, attachments, and	40.00 40.00 ess or insufficiency should be o deposit account arged to deposit account r: is page if paying by deposit account) any attached copy is a true cop December 3, 2002
	Additional number 5. Name and address of party to whom correspondence concerning document should be mailed: Name: William H. Dippert, Esq. Registration No. 26,723 Address: Reed Smith LLP 599 Lexington Avenue, 29th Floor City: New York State/Prov.: NY Country: USA ZIP: 10022-7650 DO NO 9. Statement and signature. To the best of my knowledge and belief, the foregoing inform of the original document. Paul FENSTER, Reg. No. 33,877 Dawler Commissioner of Pages includin Mard documents to be recorded with the state of my knowledge and belief of the original document. Paul FENSTER, Reg. No. 33,877 Dawler of pages includin Mard of Person Signing Mard of Person Signing	 6. Total number of application 7. Total fee (37 CFR 3.41) Enclosed - Any excent credited or debited to the character of the credited or debited to be character or debited to be charac	40.00 40.00 ess or insufficiency should be o deposit account arged to deposit account r: is page if paying by deposit account) any attached copy is a true cop December 3, 2002

Agreement

This assignment, effective as of az_{1}^{+} , 21_{2}^{+} , 2002, by and between Civcom Inc. a company organized under the laws of the State of Delaware (the "Company"), and CIVCOM Devices & Systems Ltd., a company organized under the laws of the State of Israel (the "Subsidiary ");

Whereas	According to few Patent registers records, worldwide, (the "Records"),
	the Company is designated as the assignce of few patents and patent
	applications, all detailed in Annex A to this agreement (the "Patents");
Whereas	The Records were mistakenly recorded in such a way as to distort the
	initial intentions and rights of the parties; and
Whereas	The Subsidiary should have been, originally, recorded as the Patents's
	assignee;
Whereas	The Parties, in order to reflect their initial intentions, have in good faith
·	decided to amend these certain Records by way of executing this
	agreement;

NOW, THEREFORE, the Company and the Subsidiary hereby agree as follows:

1. The Subsidiary, its successors, assigns, nominees or other legal representatives, are the exclusive owner of the entire rights, titles and interests, in and to the patents, and all patent applications derived therefrom, and all original and reissued patents granted therefore, and any and all continuations and divisions thereof, including, but not limited to, any and all extensions, reexaminations, substitutes and renewals, and including the right to apply for and obtain patents in all countries, the priority rights under International Conventions, and any and all letters patent which may be granted thereon; all rights to collect and retain all royalties and other considerations arising from said patent applications; and all rights to sue for past, present and future infringement; and the right to collect and retain all damages collected or awarded there under;

PATENT REEL: 013584 FRAME: 0410

23

- The Company authorizes and requests any Official of any country whose duty it is to issue patents on applications as aforesaid, to issue said Letters Patent to said Subsidiary, its successors, assigns, nominees or other legal representatives, for the sole use and benefit of said Subsidiary, its successors, assigns, nominees or other legal representatives;
- 3. The Company agrees to sign all lawful papers, make all rightful oaths, do all lawful acts requisite for such patent applications, and do everything possible to aid said Subsidiary, its successors, assigns, nominees or other legal representatives, to apply for, obtain and enforce patent protection for the Patents.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement in one or more counterparts as of the date first above-mentioned.

Title: CEP

Title: CFO

Civcom Inc.

Name: Meit Halberstam

Date

Civcom Devices & Systems Ltd.

Name: David Mendlovic

`}

.

•

<u>Annex A</u>

Country	Number	Title
PCT	PCT/IL01/00668	Data processing using polarizatio
		based optical switching and
		broadcasting
PCT	PCT/IL01/01149	Method and apparatus for
		producing fiber bragg gratings
USA	09/907,252	A Method and Device for
		Polarization-Based All-Optical
		Switching
Israel	115075	All optical switch
PCT	PCT	All optical switch
	LL96/00079	
USA	6,041,151	All optical switch
EPO	96927852.2	All optical switch
Japan	H9-511041	All optical switch
South Korea	98-701395	All optical switch
Israel	119380.	Zero-order computer generate
		phase-only holograms.
USA	6,166,833	Zero-order computer generate
		phase-only holograms.
Israel	119341	Phase only filter for generating an
		arbitrary illumination pattern.
USA	5,909,312	Phase only filter for generating an
		arbitrary illumination pattern.
		a brandy munimation pattern.
	(2242207	C
USA	6343307	Synthesis of light beams

N.A.

.

.

RECORDED: 12/16/2002