01-15-2002 101946258

FORM PTO-1595 (Revised 6-93) U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

JVER SHEET PATENTS ONLY

TO THE HONORABLE COMMISSIONER OF PATENTS	3 AND TRADEMARKS:			
Please record the attached original docu	ments or copy there	eof.	ATTORNEY DOC	KET NO.: 20129.0005U2
<ol> <li>Name of conveying party(ies): Ar Assaf Nahum, Atzmon Ofri, Michael Idan Paiss, Richard Tasgal, Gal William A. Bodkin</li> <li>Additional names of conveying partached?</li> <li>YES [x] NO</li> </ol>	el M. Tilleman, ia Goldner, and	Name: Interna Street City: State: Zip:	19801 onal name(s) and address(e	eet, Suite 1600
3. Nature of conveyance:				
X Assignment Security Agreement	Merger Change of Name	ne e	Other	
Execution Date: November 13, 200	01		JAN_ <b>1</b>	0 2002
4. Application number(s) or patent  If this document is being filed		w application, the	e execution date of the ap	olication is:
A. Patent Application No.(s): 09/94	48,143	B. Patent	No.(s):	
	] YES [X] NO	**************************************		
5. Name and address of party to who concerning document should be made address of party to who concerning document should be made addressed by the second should be made as a second should be second addressed by the second should be second addressed by the second should be second should should should be second should s	om correspondence ailed:  Building	6. Total r	number of applications and	patents involved:
7. Total fee (37 CFR 3.41):				\$40.00
[X] Enclosed				
[] Authorized to be charged to [	Deposit Account.			
The Commissioner is hereby autho overpayment, to Deposit Account	orized to charge any		**************************************	
ANIMENA AAAAAASA 09948143	1			

01/15/2002 AAHMED1 00000054 099

01 FC:581

40.00 DP

H:\APPS\SS\DOCS\ldm\W119941.WPD

8.	Deposit account number: 14-0629	======================================
9.	To the best of my knowledge and belief, the foregoing informatrue copy of the original document.  LAWRENCE D MAXWELL Reg. No. 35,276	tion is true and correct and any attached copy is a  tion is true and correct and any attached copy is a  tion is true and correct and any attached copy is a  Date
	Total Number of Pages	Including Cover Sheet, Attachments, and Document: 10
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: BOX ASSIGNMENT, Commissioner for Patents, Washington, D.C. 20231, on the date noted below.  LAWRENCE D. MAXWELL  Date		

### **ASSIGNMENT**

WHEREAS, we, AVIGDOR HUBER, ASSAF NAHUM, ATZMON OFRI, MICHAEL M. TILLEMAN, IDAN PAISS, RICHARD TASGAL, GALIA GOLDNER, and WILLIAM A. BODKIN, of 1 Hayasmin, Yehud, ISRAEL, 51 Dolev, Gedera, ISRAEL, 5 Halivne, Kiriat Ekron, ISRAEL, 15 Hakalanit, Kfar Sava, ISRAEL, 3 Leah, Tel Aviv, ISRAEL, 6 Lilienblum, Tel Aviv, ISRAEL, 66 Bosem, Tel Aviv, ISRAEL, and 37 Forest St., Needham, Massachusetts 02492, U.S.A., respectively, have invented new and useful improvements in an "OPTICAL SWITCH" for which a United States utility patent application was filed on September 6, 2001, Serial No.09/948,143; and

WHEREAS, TERAOP (USA) INC., a Delaware corporation having an address at 1201 Market Street, Suite 1600, Wilmington, Delaware 19801, is desirous of acquiring the entire interest in the same;

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, we, Avigdor Huber, Assaf Nahum, Atzmon Ofri, Michael M. Tilleman, Idan Paiss, Richard Tasgal, Galia Goldner, and William A. Bodkin, hereby do sell, assign and transfer unto said TERAOP (USA) INC., the entire right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application under 35 U.S.C. § 119(e), reissue, reexamination, division, continuation-in-part, extension or continuation thereof and all rights of priority under the International Convention arising from said application; the same for its legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment and sale not been made;

H:\APPS\SS\DOCS\ldm\W115619.WPD

AND, we hereby bind ourselves, our heirs, legal representatives, administrators and assigns properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid TERAOP (USA) INC., its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world.

IN WITNESS WHEREOF, I have executed this Assignment this 29 day of October, 2001.

	AVIGDOR HUBER (L.	.S.)
State of JSRAEL		
County of		
On this day of Avigdor Huber, to me known and known to be the foregoing assignment, and he duly acknowledged		
Notary Public		
My Commission Expires:		

H:\APPS\SS\DOCS\ldm\W115619.WPD

IN WITNESS WHEREOF, I have 2001.	executed this Assignment this <b>30</b> day of October		
	ASSAF NAHUM	(L.S.)	
State of ISPAEL	_		
County of			
On this day of Assaf Nahum, to me known and known to be foregoing assignment, and he duly acknowled		ecuted the	
Notary Public			
My Commission Expires:			

H:\APPS\SS\DOCS\Idm\W115619.WPD

IN WITNESS WHEREOF, I have ex 2001.	xecuted this Assignment this 25	day of #October
	ATZMON OFRI	(L.S.)
State of ISRAEL		
County of		
On this day of Atzmon Ofri, to me known and known to be the foregoing assignment, and he duly acknowled	he individual described in and who e	executed the
Notary Public		
My Commission Expires:		

H:\APPS\SS\DOCS\ldm\W115619.WPD

IN WITNESS WHEREOF, I have executed this Assignment this 25 day of Cetose	R
2001.  MICHAEL M. TILLEMAN  (L.S.	)
State of	
County of	
On this 29 day of 0cToBER, 2001, before me, a Notary Public, came Michael M. Tilleman, to me known and known to be the individual described in and who executed foregoing assignment, and he duly acknowledged the same to be his free act and deed.	the
Notary Public	
My Commission Expires:	

H:\APPS\SS\DOCS\ldm\W115619.WPD

IN WITNESS WHEREOF, I have 2001.	executed this Assignment this31 d	ay of October
	IBAN PAISS	(L.S.)
State of ISRAFL	ŕ	
County of		
On this day of Paiss, to me known and known to be the ind assignment, and he duly acknowledged the s		Public, came Idan ne foregoing
Notary Public		
My Commission Expires:		

H:\APPS\SS\DOCS\ldm\W115619.WPD

IN WITNESS WHEREOF, I have exect 2001.	uted this Assignment this 21 day of occase,
	Richard Tasgal (L.S.)
State of SCACC	
County of	
On this day of	
Notary Public	
My Commission Expires:	_

H:\APPS\SS\DOCS\ldm\W115619.WPD

IN WITNESS WHEREOF, I have ex 2001.	ecuted this Assignment this	29 day of Octobe
	GALIA GOLDNER	<u>) 386 (</u> (L.S.)
State of Israel		
County of		
On this day of Galia Goldner, to me known and known to be t foregoing assignment, and she duly acknowleds	he individual described in a	nd who executed the
	_	
Notary Public		
My Commission Expires:		

H:\APPS\SS\DOCS\ldm\W115619.WPD

IN WITNESS WHEREOF, I have executed this Assignment this 137hday of 101, 200.
WILLIAM A. BODKIN (L.S.)
State of $\mathcal{M} \rho$ .
State of MA.  County of Morfolk
On this 137h day of Nov., 2001, before me, a Notary Public, came William A, Bodkin, to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.
Notary Public Jaugha
My Commission Expires:

H:\APPS\SS\DOCS\ldm\W115619.WPD

**RECORDED: 01/10/2002**