

NL010088

ent ID No: 102085360

Form PTO 1595	10219004 FORM COVE					
(Rev. 6-93)	PATENTS ONLY		S. Dept. of Commerce tent and Trademark Office			
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.						
1. Name of conveying ROBERT JAN SCHUTTE ABRAHAM TAREL RIEM	$N \qquad (177)$	2. Name and address of Name: Koninklijke	f receiving party ies.			
Additional name(s) of attached? Yes	conveying party(ies) X No	Internal Address:	OFF			
3. Nature of conveyan	Ce ·	Street Address: Gro	penewoudsweg 1,			
Assignment	Merger		Netherlands Zip 5621AB & address(es) attached?			
from "10/078,95 8 " to "	Change of Terms: Please Change Serial No. 10/078,953", due to eviously recorded in Reel	Yes	X No			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application, is						
A. Patent Applicat	ion No.(s)	B. Patent No	. (s)			
10/078,953	Additional numbers attac	ched? Yes	No X			
5. Name and address o correspondence con mailed:	f party to whom cerning document should be	6. Total number of appl involved:	ications and patents			
CORPORA	TRONICS NORTH AMERICA FION	7. Total fee (37 CFR 3 Enclosed Authorized	I to Deposit Account			
Internal Address:			X			
Street Address: <u>5</u>	80 White Plains Road	8. Deposit Account Num	nber: <u>14-1270</u>			
City: Tarrytown	State: <u>NY Zip: 10591</u>	(Attach duplicate by deposit accour	copy of this page paying			
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copy is a true cop	by of the original document.	Som	8/7/2002			
EDWARD W. GOODMAN, REG	C Marin	ature	Date			
Name of Person Signing	s seems including of	over sheet, attachments,	and document: 3			
Total number of pages including cover sheet, attachments, and document: 3 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks						
BYRNE 00000039 141270 1	ROY ASS	signments , D.C. 20231				

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PATENT REEL: 013180 FRAME: 0880

U.S. Dept. of Commerce Patent and Trademark Office PATENTS ONLY To the Honorable Commissioner of Patents and Tradamarks: Please record the attached original documents or copy thereof. Name and address of receiving party(ies): Name of conveying party(ies): ROBERT JAN SCHUTTEN ABRAHAM KAREL RIEMENS Name: Koninklijke Philips Electronics N.V. Additional name(s) of conveying party(ies) Internal Address: attached? 5-6-02 Yes Street Address: Groenewoudsweg 1, Nature of conveyance: City: Eindhoven The Netherlands Zip 5621AB Assignment Merger х Additional name(s) & address(es) attached? Security Agreement Change of Terms No Yes Other Execution Date: 4/22/2002,3/14/2002 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application, is B. Patent No.(s) A. Patent Application No.(s) х 10/078,958 Additional numbers attached? Yes 6. Total number of applications and patents 5. Name and address of party to whom concerning document should be involved: correspondence mailed: Name: PHILIPS ELECTRONICS NORTH AMERICA Total fee (37 CFR 3.41) ...\$40.00 losed <u>Authorized to Deposit Ac</u>count CORPORATION Enclosed x Internal Address: Street Address: 580 White Plains Road 14-1270 8. Deposit Account Number: (Attach duplicate copy of this page paying State: NY Zip: 10591 City: <u>Tarrytown</u> by deposit account) DO NOT USE THIS SPACE 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 EDWARD W. GOODMAN, REG. 28,613 Date Signature Name of Person Signing Total number of pages including cover sheet, attachments, and document: Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231 10078958

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PATENT REEL: 013180 FRAME: 0881 For good and valuable consideration, of which we acknowledge receipt, we, as a below-named assignors,

sell and assign to I	Koninklijke Philips Electron	nics N.V. (hereinafter "Assignee") a corporation existing
under the laws of t	he Kingdom of the Netherla	ands, whose business address is	Groenewoudseweg 1,
5621 BA Eindhove	en, the Netherlands, its succ	essors and assigns, the application	on for a United States
Patent for the impr	ovements in a "Facilitating	g motion estimation" invented l	by us, which application:
is executed con	currently herewith		
was executed b	y me/us on		
✓ is Serial No1.	0,4078. , 953 filedFeb	ruary 19, 2002	
is International	Application No	filed	•••••
and all rights in an	d to said application, and al	l Patents which may be granted t	herefor, and all divisions,
reissues, continuati	ions and extensions thereof,	and authorize and request the C	ommissioner of Patents and
Trademarks to issu	e all Patents on said improv	vements or resulting therefrom to	said Assignee as assignee
of the entire interes	st and covenant that we have	e full right so to do, and agree th	at we will communicate to
said Assignee or its	s representatives any facts k	tnown to me respecting said impr	rovements and testify in
any legal proceedir	ng, sign all lawful papers, ex	xecute all divisional, continuing	and reissue applications,
make all rightful oa	aths and generally do every	thing possible to aid said Assigne	ee, its successors, assigns
and nominees, to o	btain and enforce proper pro	otection for said invention.	
<i>i I</i>		10/	
7/22/02	(sign name here)	Gal	, Assignor
Date	(print name here)	Robert Jan SCHUTTEN	

Abraham Karel RIEMENS

(sign name here)

(print name here)

Date

PATENT REEL: 013180 FRAME: 0882

, Assignor

RECORDED: 08/12/2002

make all rightful oa	ths and generally do every	execute all divisional, continuing and rething possible to aid said Assignee, it rotection for said invention. Robert Jan SCHUTTEN	
make all rightful oa and nominees, to ob	ths and generally do every otain and enforce proper proper proper (sign name here)	thing possible to aid said Assignee, it rotection for said invention.	s successors, assigns
make all rightful oa	ths and generally do every otain and enforce proper proper proper (sign name here)	thing possible to aid said Assignee, it rotection for said invention.	s successors, assigns
make all rightful oa	ths and generally do every	thing possible to aid said Assignee, it	
is International and all rights in and reissues, continuation Trademarks to issue of the entire interest said Assignee or its	Application No	Il Patents which may be granted there f, and authorize and request the Comm vements or resulting therefrom to said we full right so to do, and agree that we known to me respecting said improver	for, and all divisions, aissioner of Patents and Assignee as assignee will communicate to ments and testify in
	/ me/us on/078. 953 filed. Feb	ruary 19, 2002	
is executed cond	currently herewith		
Patent for the impro	ovements in a "Facilitatin	g motion estimation" invented by us	, which application:
5621 BA Eindhover	n, the Netherlands, its succ	cessors and assigns, the application for	r a United States
direct the lave of the		ands, whose business address is Groei	newoudseweg 1,
under the laws of th	e Kingdom of the Netherla	1 1 1 1 1 0	
sell and assign to K	oninklijke Philips Electror	h we acknowledge receipt, we, as a benics N.V. (hereinafter "Assignee") a co	

PATENT REEL: 013180 FRAME: 0883