m PTO-1595 (Rev. 09/ 04) B No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office	
PATENTS ONLY		
. Name of conveying party(ies)/Execution Date(s): BALLSON GOPAL (10/13/2005), CHING PENG EONG (01/04/2005), AND SAMUEL SYN BOO LIM (01/04/2005)	Name and address of receiving party(ies)  Name: KES SYSTEMS, INC.  Internal Address:	
Execution Date(s): in parentheses after inventor name  Additional name(s) of conveying party(ies) attached? Yes X No  3. Nature of Conveyance:	Street Address: 3105 SOUTH FAIR LANE	
X Assignment Merger  Security Agreement Change of Name  Government Interest Assignment  Executive Order 9424, Confirmatory License  Other	City:TEMPE  State:ARIZONA  Country: United States of America Zip:85282  Additional name(s) & address(es)YesxNo attached:	
4. Application or patent number(s):  A. Patent Application No.(s)  10/954,920  Additional numbers attached	This document is being filed together with a new application.  B. Patent No.(s)  B. Patent No.(s)  Yes X No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Richard J. Botos LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP Internal Address: Atty. Dkt.: Street Address: 600 South Avenue West	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card  X Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title	
City:         Westfield           State:         NJ         Zip: 07090           Phone Number:         (908) 654-5000           Fax Number:         (908) 654-0415           Email Address:         rbotos@ldlkm.com	8. Payment Information  a. Credit Card Last 4 Numbers Expiration Date  b. Deposit Account Number 12-1095 Authorized User Name Richard J. Botos	
9. Signature: Scharl Signature	October 19, 2005	
Richard J. Botos - 32,016	Total number of pages including cover sheet, attachments, and documents:	

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PATENT REEL: 016912 FRAME: 0729 14/10 2005 22:54 FAX 82 2 417 3655 HOTEL LOTTEWORLD

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	Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION		
ASSIGNMENT OF CHEFT AFFEIGATION	KESSYS 3.0-001	
sen a College Const		
Whereas, I, Ballson Gopal	of	
900-N Rural; #1012; Chandler, Arizona 85226		
thereafter referred to as assignor, have with others invented certain new and useful improvements in		
METHOD FOR TESTING SEMICONDUCTOR DEVICES AND AN APPARATUS THEREFOR		
for which an application for a United States Letters Patent was filed on September 30, 2004		
Application Number 10/954,920		
for which an application for a United States Letters Pater	nt was executed by me on ,	
and and		
1/50 O		
Whereas, KES Systems, Inc. a corporation of herein referred to as "assignee" whose mailing	addrage is	
3105 South Fair Lane: Temps, Arizona 85282	ann: 200 10	
is desirous of acquiring the entire right, title and interest in the sa	ame:	
NOW, THEREFORE, in consideration of the sum of one	dollars (\$ 1.00 ), the receipt whereof	
is acknowledged, and other good and valuable consideration, assignee my entire right, title and interest for the United Stat	as assignor hereby sell, assign and set over to said to said.	
invention and the aforesaid utility patent application and all	vininal divisional continuation, substitute or reissue	
applications and patents applied for or granted therefor in the	United States of America and all other countries, for I	
said invention, including without limitation all applications and o	patents for said invention claiming priority or benefit of I	
the aforesaid utility application pursuant to any law or treaty, a	and including the right to claim such priority or benefit	
and the Commissioner of Paterits and Trademarks is hereby improvements or resulting therefrom to said assignee herein	authorized and requested to issue all patents off said	
undersigned for me and my legal representatives, heirs and a	ssions do hereby agree and covenant without further	
remuneration, to execute and deliver all original, divisional, or	entinuation, reissue and other applications for Letters	
Patent on said improvements and all assignments thereof to:	said assignee or its assigns, to communicate to said	
assignee or its representatives all facts known to the unc	dersigned respecting said improvements, whenever	
requested, to testify in any interferences or other legal proceed become involved, to sign all lawful papers, make all rightful or	nings in which any of said applications of pareits indy	
assignee, its successors, assigns and nominees to obtain pater	at protection for said improvements in all countries, the	
expenses incident to said applications to be bome and paid by s	said assignee.	
And I do hereby authorize my attorneys to insert on this deed th	a Sline data and application number of said spulication	
And I do hereby authorize my attorneys to insert on this deed th   when known.	e filling date and application fidilities of said application	
	Black -	
10/13/05	777000	
(Date)	(Signature)	
State of ) SS:		
County of		
,		
On this day of before	e me personally came the above-named <u>Ballson</u>	
Gopal, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me		
that the same was executed by him/her of his/her own free will for the purposes therein set forth.		
(Notary Public)		
X Total of 3 forms are submitted.		

KESSYS\_3[1],0\_001\_\_\_Assignment\_\_12\_06\_04\_,DOC

former PTO/SB/15 (8-00) Modified LDLK&M

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional)	
	KESSYS 3.0-001	
Whereas, I, Ching Peng Teong	of	
111 Serangoon North Avenue 1; #04-605; Singapore 550111; SINGAPORE		
hereafter referred to as assignor, have with others invented certain new and useful improvements in		
METHOD FOR TESTING SEMICONDUCTOR DEVICES AND AN APPARATUS THEREFOR		
X for which an application for a United States Letters Patent was filed on September 30, 2004		
Application Number 10/954,920		
for which an application for a United States Letters Pater	nt was executed by me on	
and	<del></del>	
1/50 O astrono los		
Whereas, KES Systems, Inc.	addraga is	
a corporation of herein referred to as "assignee" whose mailing address is 3105 South Fair Lane; Tempe, Arizona 85282		
is desirous of acquiring the entire right, title and interest in the s	ame;	
	•	
110 11, 11 to 12, 12, 12, 12, 12, 12, 12, 12, 12, 12,	dollars (\$ <u>1.00</u> ), the receipt whereof	
is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said		
invention and the aforesaid utility patent application and all capplications and patents applied for or granted therefor in the	original, divisional, continuation, substitute or reissue.	
said invention, including without limitation all applications and p	atents for said invention claiming priority or benefit of	
the aforesaid utility application pursuant to any law or treaty, a and the Commissioner of Patents and Trademarks is hereby a		
improvements or resulting therefrom to said assignee herein		
undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further		
remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Latters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said		
assignee or its representatives all facts known to the und	lersigned respecting said improvements, whenever	
requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid		
assignee, its successors, assigns and nominees to obtain pater	it protection for said improvements in all countries, the	
expenses incident to said applications to be borne and paid by s	said assignee.	
And I do hereby authorize my attorneys to insert on this deed the	e filing date and application number of said application	
when known.	Zeon Chiny Pent	
Jan 4, 2005	Cet 1	
(Date)	(Signature)	
State of	· -	
State of Counce (Counce Counce		
- 4 JAN 2005		
On this day ofbefore Peng Teong, to me personally known as the individual who exe	re me personally came the above-named Ching	
me that the same was executed by him/her of higher own free v	will for the purposes therein set forth.	
10.00	. ***	
(Notary Public)		
(Notary Public)	RARY PUBLIC	
x *Total of forms are submitted.	Chia Choon Yang	
	N2004/0042 ABI 2004 3 Mai 2005	
	SINGAPORE	
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PATENT REEL: 016912 FRAME: 0731

former PTO/SB/15 (8-00) Modified I.DLK&M

**REEL: 016912 FRAME: 0732** 

	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	KESSYS 3.0-001
Whereas, I, Samuel Syn Soo, Lim	of
5C East Coast Avenue; Singapore 459175; SINGAPOR	RE
hereafter referred to as assignor, have with others invented cert	tain new and useful improvements in
METHOD FOR TESTING SEMICONDUCTOR DEVICE	CES AND AN APPARATUS THEREFOR
X for which an application for a United States Letters Pa	tent was filed on September 30, 2004
Application Number 10/954,920	<del></del>
for which an application for a United States Letters Pate	ent was executed by me on ,
and	
Whereas, KES Systems, Inc.	
a corporation of herein referred to as "assignee" whose mailing	g address is
3105 South Fair Lane; Tempe, Arizona 85282	nama:
is desirous of acquiring the entire right, title and interest in the	
NOW, THEREFORE, in consideration of the sum of one is acknowledged, and other good and valuable consideration, assignee my entire right, title and interest for the United Stainvention and the aforesaid utility patent application and all applications and patents applied for or granted therefor in the said invention, including without limitation all applications and the aforesaid utility application pursuant to any law or treaty, and the Commissioner of Patents and Trademarks is hereby improvements or resulting therefrom to said assignee herei undersigned for me and my legal representatives, heirs and remuneration, to execute and deliver all original, divisional, of Patent on said improvements and all assignments thereof to assignee or its representatives all facts known to the unrequested, to testify in any interferences or other legal proceed become involved, to sign all lawful papers, make all rightful cassignee, its successors, assigns and nominees to obtain pate expenses incident to said applications to be borne and paid by And I do hereby authorize my attorneys to insert on this dead to when known.	original, divisional, continuation, substitute or reissue of United States of America and all other countries, for patents for said invention claiming priority or benefit of and including the right to claim such priority or benefit authorized and requested to issue all patents on said in, as assignee of the entire interest therein; and the assigns do hereby agree and covenant without further continuation, reissue and other applications for Letters is said assignee or its assigns, to communicate to said indersigned respecting said improvements, whenever endings in which any of said applications or patents may coaths, and to do generally everything necessary to aid ent protection for said improvements in all countries, the y said assignee.
Jan 4, 245	
(Date)	(Signature)
Syn Soo, Lim, to me personally known as the individual who to me that the same was executed by him/her of his/her own f	ore me personally came the above-named <u>Samuel</u> executed the foregoing instrument, who acknowledged free will for the purposes therein set forth.  Chia Choon Yang N200470042 1 Apr 2004 - 31 Mar 2005
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