FORM PTO-1619A Expires 06/30/99 DMR 0651-0027

10-23-2002

U.S. Department of Commerce Patent and Trademark Office PATENT



102257629

TRADEN	TO: The Commission	and of Datasta and Tool		25/62 <u>9</u>		
IRAU	Submission Ty		emarks:	Please record the attached Conveyance Type	original doci	ument(s) or copy(ies)
	New	pe /0////	02	Assignment	☐ Security	y Agreement
	Resubmissio	n (Non-Recordation)		License		e of Name
	☐ Document ID					- I wante
	Correction of Reel#	Frame Frame		☐ Merger	∐ Other	
		#			U.S. Gove	
	Corrective Do	Frame			•	Government Agencies)
		#		Departm	nental File	Secret File
	Conveying Par	rty(ies)		Mark if additional name	es of conveyi	ng parties attached
						Execution Date Month Day Year
	Name (line 1)	Joachim				10 02 2002
				The state of the s		
	Name (line 2)	BUENGER				
	Second Party					Execution Date Month Day Year
	Name (line 1)	Hansjuergen				10 02 2002
	Name (line 2)	DRILLER				
	Receiving Party			☐ Mark if addit	ional names	of receiving parties attached
	Name (line 1)	Merck Patent			ional names	
						If document to be recorded is an assignment and the
	Name (line 2)	Gesellschaft mit bes	schra <u>e</u> r	nkter Haftung		receiving party is not domiciled in the United States
	Address (line 1)	Frankfurter Strasse	250			an appointment of a domestic representative is attached
	,,	Translatter Ollasse	200			(Designation must be a separate document from
	Address (line 2)					Assignment.)
•	Address (line 3)	DARMSTADT		GERMANY		D-64293
	Address (iiie 5)	City		State/Country		Zip Code
	Domestic Rep	resentative Name	and Ad		ne first Recei	ving Party only.
	Name	Millen, White, Zelano & B	Branigan,	P.C.		,
	Address (line 1)	2200 Clarendon Bouleva				
	, ,	Suite 1400				
	Address (line 2)					
	Address (line 3)	Arlington, VA 22201				J
	Address (line 4)					
				FOR OFFICE USE ONL	Υ	
	Public burden reportin	ig for this collection of inform	nation is e	stimated to average approximat	tely 30 minutes	per Cover Sheet to be recorded, include
	U.S. Patent and Trade	emark Office, Chief Informati	ion Office	r, Washington, D.C. 20231 and	to the Office of	nents regarding this burden estimate to Information and Regulatory Affairs, Off
	Management and Bud	tget, Paperwork Reduction F	Project (06	651-0027), Washington, D.C. 20	503. See OMB	Information Collection Budget Packag IGNMENT DOCUMENTS TO THIS
	ADDRESS.	•				
/ '		Commissioner of Pate	ιο pe re nts and	corded with required cove Trademarks, Box Assignr	r sneet(s) ।n nents , Wasl	hington, D.C. 20231
)		_		
/22/2002 L	MUELLER 00000180	10152993				
FC:8021		40.00 DP				

PATENT REEL: 013398 FRAME: 0181

FORM PTO-1619E
Expires 06/30/99
OMB 0651-0027

Page 2

U.S. Department of Commerce Patent and Trademark Office PATENT

Correspondent N	lame and Address	Area Code and Telephone Number	(703) 243-6333
Name [Millen, White, Zelano &	Branigan, P.C.	
Address (line 1)	2200 Clarendon Boulev	vard	
Address (line 2)	Suite 1400		
Address (line 3)	Arlington, VA 22201		
Address (line 4)			
Pages	Enter the total number o including any attachmen	f pages of the attached conveyance of	document # 4
	ber(s) or Patent Nun	• •	onal numbers attached.
		the Patent Number (DO NOT ENTER BOTH	
10/152,993	Application Number(s)	Pa	tent Number(s)
10/102,993			
If this document is being f signed by the first named		t Application, enter the date the patent applic	ation was Month Day Year
Patent Cooperati	on Treaty (PCT)		
<u>only if</u> a U.	S. Application	PCT PCT	PCT PCT
assigned.			
Number of Prope	erties Enter the t	total number of properties involved.	# 1
Fee Amount	Fee Amoun	at for Properties Listed (37 CFR 3.41)	: \$ 40.00
Method of Pa	·	nclosed 🛛 💮 Deposit Account 🗌	
Deposit Acco		litional fees can be charged to the account.)	
2///0/ (0/ pay)		count Number:	# 13-3402
	Authorizati	on to charge additional fees:	Yes 🛛 No 🗌
Statement and S	ignature		
	by is a true copy of the or	ief, the foregoing information is true riginal document. Charges to deposit	,
Anthony J. Zela	ano	Callen	October 17, 2002
Name of Persor		Signature	Date



RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office PATENT

Enter additional Conveying Parties Name (line 1) Jutta Execution Date And Day Year Name (line 2) ZUR LAGE Execution Date And Day Year Name (line 1) Annette 10 02 2002 Name (line 2) WAGNER 10 02 2002	,
Name (line 1) Jutta 10 02 2002 Name (line 2) ZUR LAGE Execution Date Month Day Year Name (line 1) Annette 10 02 2002	,
Execution Date	· ·
Name (line 1) Annette Month Day Year 10 02 2002	1
Name (line 1) Annette 10 02 2002	MARKET - 1
	1
Name (line 2) WAGNER	
Execution Date	
Name (line 1) Month Day Year	
Name (line 2)	
Receiving Party(ies) Mark if additional names of receiving parties attached	
Enter additional Receiving Party(ies)	
Name (line 1)	
is an assignment and the	
receiving party is not	
Name (line 2) domiciled in the United States, an appointment	
of a domestic	
Address (line 1) representative is attached (Designation must be	
a separate document from	
Address (line 2) Assignment.)	
Address (line 3)	
City State/Country Zip Code	
Name (line 1)	
If document to be recorded is an assignment and the received	eiving
party is not	
Name (line 2) domiciled in the United States, an appointment	
of a domestic	
Address (line 1) representative is attached (Designation must be	
a separate document from	
Address (line 2) Assignment)	
Address (line 2)	
Address (line 3) City State/Country Zip Code	
A. B. A. N. B.	
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).	
Patent Application Number(s) Patent Number(s)	
	:
	·
	,

PATENT REEL: 013398 FRAME: 0183

ASSIGNMENT

ATTY. DOCKET NO.:MERCK 2307C1

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement(s) relating to

PACKAGING SYSTEM F	OR •	COSEM	4TIC	FORMUL	ATIONS
--------------------	------	-------	------	--------	--------

	for which an application for Letters Patent to be filed in the United States P	atent and Trademark Office was execute	ed on even date.
\boxtimes	for which U.S. Application Serial No. 10/152.993 for Letters Patent was filed in	the U.S. Patent and Trademark Office on 2	23 MAY 2002
\boxtimes	for which an International Application was filed on PCT/EP00/01976 United States.	as 7 MARCH 2000	, designating the

AND WHEREAS

MERCK PATENT GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG Darmstadt, Germany

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application(s), including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.

NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application(s), including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all U.S. (including provisional) or foreign priority and/or conventions or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said invention, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR

201 FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
BUENGER, Joachim	Joec C Bill	0 2. OKT . 2002
202 FULL NAME OF SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
DRILLER, Hansjuergen	Hanging hell	0 2. OKT . 2002
03 FULL NAME OF THIRD JOINT INVENTOR	INVENTOR'S SIGNATURE	0 2. OKT. 2002
ZUR LAGE, Jutta	With I say	
204 FULL NAME OF FOURTH JOINT INVENTOR	CHVENTOR'S SIGNATURE	0 2. OKT. 2002
WAGNER, Annette	Annelle Wagner	U Z. UNI. 2002
205 FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
206 FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
207 FULL NAME OF SEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
08 FULL NAME OF EIGHTHJÖINT INVENTOR	INVENTOR'S SIGNATURE	DATE
209 FULL NAME OF NINTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
210 FULL NAME OF TENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE

PATENT
RECORDED: 10/17/2002 REEL: 013398 FRAME: 0184