

To the Homosabe Commissioner of Patents and Trademarks: Please second the attached original document or copy thereof. I. Name of conveying party(ies): Gary R. DelDuca Alan E. Deyo Vinod K. Luthra Wen Pao Wu Additional name(s) of conveying party(ies) attached?	FORM PTO-1595 (Rev 6-93)	U.S. Department of Comme
2. Name and address of perceiving party(ies): Additional name(s) of conveying party(ies) attached? Yes No	OMB No. 0651-0011 (exp. 4/94)	Patent and Trademark Office
Name: Pactiv Corporation Internal Address: Name: Pactiv Corporation Internal Address: Name: Pactiv Corporation Internal Address: Street Address: 1603, Orrington Avenua Additional name(s) of conveying party(ies) attached? Yes No Nature of conveyance: Additional name(s) of address(es) attached? Yes Additional	To the Honorable Commissioner	of Patents and Trademarks: Please record the attached original document or copy thereof.
A Patent Application No (s): Additional numbers attached? Yes No 6. Total number of applications and patents involved: Arnold White & Durkee 750 Bering Drive City: Houston State: Texas Zip: 77057-2198 To the best of my knowledge and belief, the foregoing information is true and correct and for fittached copy is tible copy of this page if paying by deposit account Matthew O. Brady Name of Person Signing. Reg. No. 44.554 Signature To the best of my knowledge and belief, the foregoing information is true and correct and for fittached copy is tible copy of the original document Matthew O. Brady Name of Person Signing. Reg. No. 44.554 Signature Total number of pages including copy sheet, attachments and document Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231 I hereby certify that this corespondence is being deposted with the U.S. Postal Service with sufficient postage as First Class Mal in an envel addressed to Commissioner of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231, on the disclosure of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231, on the disclosure of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231, on the disclosure of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231, on the disclosure of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231, on the disclosure of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231, on the disclosure of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231, on the disclosure of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231, on the disclosure of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231, on the	Gary R. DelDuca Alan E. Deyo Vinod K. Luthra Wen Pao Wu Additional name(s) of conveying party(ies) attached? 3. Nature of conveyance: Assignment Security Agreement Other Grange	Name: Pactiv Corporation Internal Address: Street Address: 1603, Orrington Avenue City: Evanston State: IL Zip: 204 Additional name(s) & address(es) attached? Yes
A. Patent Application No (s): Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Ronald B. Coolley Arnold White & Durkee 750 Bering Drive City: Houston State: Texas Zip: 77057-2198 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 fary structual court of pages including cover sheet, attachments and document Matthew O. Brady Name of Person Signing. Reg. No. 44.554 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231 1	4. Application number(s) or registration number(s): 09/4	39.615 filed November 12. 1999
Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Ronald B. Coolley Arnold White & Durkee 750 Bering Drive City: Houston State: Texas Zip 77057-2198 DO NOT USE THIS SPACE 9. Statement and signature To the best of my knowledge and belief, the foregoing information is true and correct angliny stracting copy of this page if paying by deposit account Matthew O. Brady Name of Person Signing, Reg. No. 14.554 Total number of pages including copy sheet, attachments and document Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231 I hereby certify that this congspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an enveice addressed to Commissioner of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231, on the diselection.	If this document is being filed together with a new appl	lication, the execution date of the application is:
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Ronald B. Coolley Arnold White & Durkee 750 Bering Drive City: Houston State: Texas Zip: 77057-2198 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 fry stracked copy of this page if paying by deposit account Matthew O. Brady Name of Person Signing. Reg. No. 44.534 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231 I hereby centify that this correspondence is being deposted with the U.S. Postal Service with sufficient postage as First Class Mail in an enveload decrease to: Commissioner of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231, on the displacement of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231, on the displacement of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231, on the displacement of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231, on the displacement of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231, on the displacement of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231, on the displacement of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231, on the displacement of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231, on the displacement of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231, on the displacement of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Ro	A. Patent Application No.(s):	B. Patent No.(s):
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Name: Ronald B. Coolley Arnold White & Durkee 750 Bering Drive City: Houston State: Texas Zip: 77057-2198 Berough authorized to be charged to deposit account if check insufficient or inadvertently omitted Berotosed Authorized to be charged to deposit account if check insufficient or inadvertently omitted Beposit account number: 01-2508/PCOS:962 (Attach duplicate copy of this page if paying by deposit account number: To the best of my knowledge and belief, the foregoing information is true and correct and fine structure of pages including copy sheet, attachments and document Matthew O. Brady Name of Person Signing, Reg. No. 44.554 Signature Dial number of pages including copy sheet, attachments and document Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231 WEUVEN 00000233 09439615 I hereby certify that this concespondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelor addressed to Commissioner of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Room 335, Washington, DC 20231, on the divelow. OI 07/2 MO		Additional numbers attached? Yes No
Arnold White & Durkee 750 Bering Drive City: Houston State: Texas 7ip: 77057-2198 Do Not Use This space Do Not Use This space if paying by deposit account number: 01-2508/PCOS:962 (Attach duplicate copy of this page if paying by deposit account Number of pages including copy is giptae copy of the original document Matthew O. Brady Name of Person Signing. Reg. No. 44.554 Signature Do Not use This space including cover sheet, attachments and document of pages including cover sheet information to: Commissioner of Patents and Trademarks, Office of Public Records, office of Public Rec		oncerning 6. Total number of applications and patents involved: 1
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Name of Person Signing. Reg. No. 44.554 Name of Person Signing. Reg. No. 44.5		
Commissioner of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231 40.00 DP CERTIFICATE OF MAILING 37 C.F.R 1.8 I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelor addressed to: Commissioner of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Room 335, Washington, DC 20231, on the disbelow: Oi / 07 / 2 COO	To the best of my knowledge and belief, the foregoing in Matthew O. Brady	1/000 Black 01/07/
Crystal Gateway 4, Room 335, Washington, D.C. 20231 40.00 DP CERTIFICATE OF MAILING 37 C.F.R 1.8 I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an enveloped addressed to: Commissioner of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Room 335, Washington, DC 20231, on the disbelow:	Mail documents to	be recorded with required cover sheet information to:
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I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an enveloped addressed to: Commissioner of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Room 335, Washington, DC 20231, on the disbelow:		
	addressed to: Commissioner of Fatents and Trademai	posited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelo
		Signature

PATENT REEL: 010524 FRAME: 0319

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to Pactiv Corporation (the "Assignee"), having a place of business at 1603 Orrington Avenue, Evanston, Illinois 60204, their entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and entitled "OXYGEN is ACCELERATOR" such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States:

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

PATENT REEL: 010524 FRAME: 0320

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.
Signature: Date: 11/12/99 Name: Gary R. DelDuca
STATE OF NEW YORK)) ss. COUNTY OF (Lexis)
BEFORE ME, the undersigned authority, on this day of
Notary or Consular Officer [SEAL] COLLEEN J. WHITE Notary Public, State of New York Ontario County #01WH5026778 Commission Expires April 25,
Signature: Olan E. Doys Date: 11-16-99 Name: Alan E. Deyo
STATE OF NEW YORK)) ss. COUNTY OF ()
BEFORE ME, the undersigned authority, on this <u>//</u> day of <u>///</u> , 1999, personally appeared Alan E. Deyo, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed. Notary or Consular Officer
COLLEEN J. WHITE Notary Public, State of New York Ontario County #01WH5026778 Commission Express April 25 - 2 - 2

Signature: Wood	l K. Luthra	Date:	Nav. 15,99		
Name: Vinod K. Lut	ihra				
STATE OF NEW YORK)) ss.				
COUNTY OF Orla	sec)		ı		
personally appeared Vinod k	l acknowledged to me	e to be the person that he executed	lay of 1999, whose name is subscribed to the same of his own free will		
	Notar	y or Consular Of	Foor & White		
[SEAL]	Notary	Notary or Consular Officer COLLEEN J. WHITE Notary Public, State of New York Ontario County #01WH5026778 Commission Expires April 25,			
Signature: <u>Mluu</u> Name: Wen P. Wu	P. Ulu	Date:/	Nov. 15.1999		
STATE OF NEW YORK COUNTY OF)) ss.)				
personally appeared Wen P.	knowledged to me that	be the person who	ay of, 1999, ose name is subscribed to the same of his own free will for		
TOT A L 3	Notary	y or Consular Off	ider		
[SEAL]		c	COLLEEN J. WHITE Notary Public, State of New York Ontario County #01WH5026778 ommission Expires April 25,		
	ARNOLD WHITE	& DURKEE			
750 Bering Driv Houston, Texas			e Franklin Square)1 K Street, N.W.		

One Franklin Square 1301 K Street, N.W. Suite 350 East Tower Washington, DC 20005

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PATENT REEL: 010524 FRAME: 0322

RECORDED: 01/10/2000