No. 7300091

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Coker's Pedigreed Seed Company

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF seventeen YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. UNITED STATES SEED OF THIS VARIETY (1) SHALL BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS SPECIFIED BY THE OWNER OF THE RIGHTS. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

SOYBEAN

'Coker 136'

In Testimony Whereof, *I have hereunto set my hand and caused the seal of the* Plant Variety Protection Office *to be affixed at the City of* Washington *this* 18th *day of* October *in the year of our Lord one thousand nine hundred and* seventy-three

Attest:

Commissioner
Plant Variety Protection Office
Grain Division
Agricultural Marketing Service

Secretary of Agriculture

FORM GR-470
(12-15-72)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
GRAIN DIVISION
HYATTSVILLE, MARYLAND 20782

FORM APPROVED
OMB NO. 40-R3712

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

INSTRUCTIONS: *See Reverse.*

1. VARIETY NAME OR TEMPORARY DESIGNATION Coker 136	2. KIND NAME Soybeans	FOR OFFICIAL USE ONLY PV NUMBER 73091
3. GENUS AND SPECIES NAME Glycine max	4. FAMILY NAME *(Botanical)* Leguminosae	FILING DATE 5-17-73 TIME 12:00 P.M.
	5. DATE OF DETERMINATION April , 1973	FEE RECEIVED $ 250.00 $ 250.00 $ 250.00 BALANCE DUE $ .00 $ .00 $ .00
6. NAME OF APPLICANT(S) Coker's Pedigreed Seed Co.	7. ADDRESS *(Street and No. or R.F.D. No., City, State, and ZIP Code)* P. O. Box 340 Hartsville, S.C. 29550	8. TELEPHONE AREA CODE AND NUMBER 803-332-7531

9. IF THE NAMED APPLICANT IS NOT A PERSON, FORM OF ORGANIZATION: *(Corporation, partnership, association, etc.)*	10. STATE OF INCORPORATION	11. DATE OF INCORPORATION
Corporation	South Carolina	June 12, 1918

12. Name and mailing address of applicant representative(s), if any, to serve in this application and receive all papers:

Joshua J. Stanton, Jr.
Coker's Pedigreed Seed Co.
P. O. Box 340
Hartsville, South Carolina 29550

13. CHECK BOX BELOW FOR EACH ATTACHMENT SUBMITTED:

[X] 13A. Exhibit A, Origin and Breeding History of the Variety *(See Section 52 of the Plant Variety Protection Act.)*

[X] 13B. Exhibit B, Botanical Description of the Variety

[X] 13C. Exhibit C, Objective Description of the Variety

[X] 13D. Exhibit D, Data Indicative of Novelty

[X] 13E. Exhibit E, Statement of the Basis of Applicant's Ownership

Amended "Yes" 1/18/78

14A. Does the applicant(s) specify that seed of this variety be sold by variety name only as a class of certified seed? *(See Section 83(a). (If "Yes," answer 14B and 14C below.)* [ ] YES [X] NO Amended 9/4/73

14B. Does the applicant(s) specify that this variety be limited as to number of generations? [ ] YES [ ] NO

14C. If "Yes," to 14B, how many generations of production beyond breeder seed? [ ] FOUNDATION [ ] REGISTERED [ ] CERTIFIED

The applicant declares that a viable sample of basic seed of this variety will be deposited upon request before issuance of a certificate and will be replenished periodically in accordance with such regulations as may be applicable.

The undersigned applicant(s) of this sexually-reproduced novel plant variety believes that the variety is distinct, uniform, and stable as required in Section 41 and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

Applicant is informed that false representation herein can jeopardize protection and result in penalties.

May 14, 1973
(DATE)

COKER'S PEDIGREED SEED CO.
Robert R. Coker
(SIGNATURE OF APPLICANT)
ROBERT R. COKER, PRESIDENT

(DATE)

(SIGNATURE OF APPLICANT)

FORM GR-470 (REVERSE)

U. S. DEPARTMENT OF AGRICULTURE
RECEIVED
MAY 17 1973
AMS, GRAIN DIV.
PVPO

INSTRUCTIONS

GENERAL: Send an original copy of the application, exhibits and $250.00 fee to U.S. Dept. of Agriculture, Agricultural Marketing Service, Grain Division, 6525 Belcrest Road, Hyattsville, Maryland 20782. (See Section 180.175 of the regulations and rules of practice.) Retain one copy for your files. All items on the face of the form are self-explanatory unless noted below.

ITEM

5 Insert the date the applicant determined that he had a new variety based on the definition in Section 41 (a) of the Act and decision is made to increase the seed.

13a First, give the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method. Second, give the details of subsequent stages of selection and multiplication. Third, indicate the type and frequency of variants during reproduction and multiplication and state how these variants may be identified. Fourth, provide evidence on stability.

13b First, give any special characteristics of the seed and of the plant as it passes through the seedling stage, flowering stage and the fruiting stage. Second, describe the mature plant and compare it with a similar commercial variety grown under the same conditions, and indicate the differences.

13c A supplemental form will be furnished by the PVPO to describe in detail a variety for each kind of seed.

13d Provide complete data indicative of novelty. Seed and plant specimens or photographs of seed and plant comparisons clearly indicating novelty may be submitted. Seeds submitted may be sterile.

13e Indicate whether applicant is the actual breeder, the employer of the breeder, the owner through purchase or inheritance, etc.

73-91

13 A. EXHIBIT A, ORGIN AND BREEDING HISTORY OF VARIETY

COKER 136 SOYBEANS

Stage	Year	Gen.	Activity
1	1963		Cross, N59-6800 x Coker Hampton 266
2	1964	F_1	Plants grown in field
3	1965	F_2	Bulk grown, Early Gen. Nursery Rows 81-119. One pod per F_2 plant harvested, seed bulked.
4	1966	F_3	Bulk grown from F_2 bulked seed. One pod per plant harvested, seed bulked. Remaining seed also harvested in bulk.
5	1967	F_4	Plants spaced out from 1 pod per plant bulk. Also from bulk harvest. Early plants selected.
6	1968	F_5	Progeny Rows from selected F_4 plants. Progeny Row No. 86 selected.
7	1969	F_6	Advanced Progeny No. 8
8	1970	F_7	Assigned experimental No. Coker 70-136. Replicated yield trials in S.C., N.C., Mississippi and Texas conducted by Company.
9	1971	F_8	Further testing in S.C., N.C., Mississippi and Texas by Company.
10	1972	F_9	Extensive public agency and Company Testing. Breeder seed produced.
11	1973	F_{10}	Foundation and registered seed to be produced.
12	1974	F_{11}	Registered and certified seed to be sold.

Variants: 1. Less than 1% taller, later plants.

Evidence of Stability: Coker 136 has remained phenotypically stable throughout its testing and increase period. Progeny rows from the variety are very similar in plant type, maturity, height and yield, a good indicator of stability.

2. AS MANY AS .5% IMPERFECT BLACK HILA. R/S

73-91

13 B. EXHIBIT B, BOTANICAL DESCRIPTION OF VARIETY

COKER 136 SOYBEANS

I: Seed and Immature Plant:

The seed of Coker 136 are nearly spherical under good growing conditions and have dull luster. The hilum is tan and under some conditions the seed coat tends to show mottling, with a brown streaking.

No particular distinguishing characteristics of the seedling stage have been noted, other than those indicated in Exhibit C.

The branching and flowering habit are typical of a determinate variety. Flower color is purple, in contrast to Dare, which is white. Coker 136 is susceptible to downy mildew, while Dare is resistant to races prevalent at Hartsville, S.C. to date.

II: Mature Plant:

Coker 136 has gray pubescence, and a brown pod wall, similar to Dare. Coker 136 is 2-4 inches taller than Dare. Maturity of Coker 136 is the same as Dare at Hartsville, S.C., but tends to be later than Dare as it is grown farther North-i.e., in N. C. and Virginia. However, our point of reference is in S.C., and so we are calling this a Group V variety.

FORM GR-470-2
(6-15-72)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
GRAIN DIVISION
HYATTSVILLE, MARYLAND 20782

EXHIBIT C
(Soybean)

OBJECTIVE DESCRIPTION OF VARIETY
SOYBEAN *(GLYCINE MAX)*

INSTRUCTIONS: *See Reverse.*

NAME OF APPLICANT(S)
Coker's Pedigreed Seed Co.

ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP Code)*
P. O. Box 340
Hartsville, S.C. 29550

FOR OFFICIAL USE ONLY
PVPO NUMBER 73-91
VARIETY NAME OR TEMPORARY DESIGNATION
Coker 136

Place the appropriate number that describes the varietal character of this variety in the boxes below.

1. SEED SHAPE:
[1] 1 = SPHERICAL 2 = SPHERICAL FLATTENED 3 = ELONGATE 4 = OTHER *(Specify)*

2. SEED COAT COLOR:
[1] 1 = YELLOW 2 = GREEN 3 = BROWN 4 = BLACK 5 = OTHER *(Specify)*
SHADE: [1] 1 = LIGHT 2 = MEDIUM 3 = DARK

3. SEED COAT LUSTER:
[1] 1 = DULL 2 = SHINY

4. SEED SIZE
[1 5] GRAMS PER 100 SEEDS

5. HILUM COLOR:
[1] 1 = BUFF 2 = YELLOW 3 = BROWN 4 = GRAY 5 = IMPERFECT BLACK 6 = BLACK 7 = OTHER *(Specify)*
SHADE: [2] 1 = LIGHT 2 = MEDIUM 3 = DARK

6. COTYLEDON COLOR:
[1] 1 = YELLOW 2 = GREEN

7. LEAFLET SIZE *(See Reverse)*:
[2] 1 = SMALL 2 = MEDIUM 3 = LARGE

8. LEAFLET SHAPE:
[ ] 1 = OVATE 2 = OBLONG 3 = LANCEOLATE 4 = ELLIPTICAL 5 = OTHER *(Specify)*

9. LEAF COLOR *(See reverse)*:
[2] 1 = LIGHT GREEN 2 = MEDIUM GREEN 3 = DARK GREEN

10. FLOWER COLOR:
[2] 1 = WHITE 2 = PURPLE 3 = OTHER *(Specify)*

11. POD COLOR: AS PER PHONE CALL 8/1/73
[~~1~~ 2] 1 = TAN 2 = BROWN 3 = BLACK

12. POD SET:
[2] 1 = SCATTERED 2 = CONCENTRATED

13. PLANT PUBESCENCE COLOR:
[1] 1 = GRAY 2 = BROWN 3 = OTHER *(Specify)*
SHADE: [2] 1 = LIGHT 2 = MEDIUM 3 = DARK

14. PLANT TYPES *(See Reverse)*:
[2] 1 = SLENDER 2 = BUSHY 3 = INTERMEDIATE

15. PLANT HABIT:
[1] 1 = DETERMINATE 2 = INDETERMINATE 3 = OTHER *(Specify)*

16. HYPOCOTYL COLOR:
[2] 1 = GREEN 2 = PURPLE

17. SEED PROTEIN:
[ ] 1 = A 2 = B

18. NUMBER OF DAYS TO FLOWERING *(Place a zero in first box (e.g. [0][9]) when days are 9 or less.)*
[5 3]

19. MATURITY GROUP:
[~~7~~ 8] 1 = 00 2 = 0 3 = I 4 = II 5 = III 6 = IV 7 = V 8 = VI 9 = VII 10 = VIII

20. SIZE OF 10 DAY OLD SEEDLING GROWN UNDER CONSTANT LIGHT *(Growth Chamber)* **AT 25° C.** *(Place a zero in first box (e.g. [0][2]) when size is 9 mm. or less.)*
[ ] MM. LENGTH OF SEEDLING [ ] MM. LENGTH OF COTYLEDON [ ] MM. WIDTH OF COTYLEDON

21. DISEASE: *(Enter 0 - Not Tested; 1 - Susceptible; 2 - Resistant)*

[2] BACTERIAL PUSTULE	[1] SOYBEAN CYST	[1] DOWNY MILDEW	[1] PURPLE STAIN	[0] POD AND STEM BLIGHT	[0] ROOT KNOT
[2] FROGEYE	[0] STEM CANKER	[1] PHYTO-PHTHORA	[0] BROWN STEM ROT	[0] TARGET SPOT	[0] BROWN SPOT
[0] BUD BLIGHT	[2] WILDFIRE	[0] RHIZOCTONIA ROT	[ ] OTHER *(Specify)*		

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13 D. EXHIBIT D, DATA INDICATIVE OF NOVELTY

Coker 136 is compared below for 3 characters with 8 other varieties of Group V and VI maturity. It will be seen that Coker 136 is the only variety except Dare which has a brown pod wall. Further, Coker 136 has a purple flower, which will distinguish it from Dare. This combination of gray pubescence, purple flower, and brown pod wall, while similar to the Coker Hampton 266 parent (Group VIII), is unique in the Group V - VI maturity range.

Variety	Pubescence	Flower Color	Pod Wall Color
Coker 136	Gray	Purple	Brown
Hill	Tawny	White	Tan
Dare	Gray	White	Brown
Forrest	Tawny	White	Tan
Mack	Tawny	Purple	Tan
Essex	Gray	Purple	Tan
Lee 68	Tawny	Purple	Tan
Davis	Gray	White	Tan
Pickett 71	Gray	Purple	Tan

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13 E. EXHIBIT E, STATEMENT OF THE BASIS OF APPLICANT'S OWNERSHIP,

COKER 136 SOYBEANS

The variety of soybeans, Coker 136, is the property of Coker's Pedigreed Seed Company by virtue of the fact that all breeding research and related activities pertaining to the development of Coker 136 were performed by company personnel, using company finances and facilities.

COKER'S PEDIGREED SEED CO.

Joshua J Stanton Jr.

Joshua J. Stanton, Jr.
Director, Soybean Research

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FORM GR-470-2 (REVERSE)

22. INDICATE WHICH VARIETY MOST CLOSELY RESEMBLES THAT SUBMITTED.

CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Plant shape	Dare	Petiole angle	
Leaf shape		Seed size	Dare
Leaf color		Seed shape	Dare
Leaf surface		Seedling pigmentation	Coker Hampton 266-A

23. GIVE DATA FOR SUBMITTED AND SIMILAR STANDARD VARIETY:

VARIETY	NO. OF DAYS TO MATURITY	LODGING SCORE	PLANT HEIGHT	LEAF SIZE		CONTENT		AVERAGE NO. OF PODS PER PLANT	IODINE NO.
				Width	Length	Protein	Oil		
Submitted	137					41.7	22.1%		
Name of similar variety Dare	137					41.6	23.0		

INSTRUCTIONS

GENERAL: The following publications may be used as a reference aid for completing this form:

1. Scott, Walter O. and Samuel R. Aldrich, 1970, Modern Soybean Production, The Farmer Quarterly.
2. Norman, A. G., 1963, The Soybean: Genetics, Breeding, Physiology, Nutrition, Management.
3. McKie, J. W., and K. L. Anderson, 1970, The Soybean Book.

LEAF COLOR: Nickerson's or any recognized color fan may be used to determine the leaf color of the described variety. The following Soybean varieties may be used as a guide to identify the colors listed on the form.

COLOR	VARIETY
Light Green	"Ada"
Medium Green	"Wilkin"
Dark Green	"Swift"

LEAF SIZE: The following varieties may be used as a guide to identify the relative size leaves.

SIZE	VARIETY
Small	"Amsoy"
Medium	"Bonus"
Large	"Anoka"

PLANT TYPE: The following varieties may be used as a guide to identify the plant type.

TYPE	VARIETY
Slender	"Vansoy"
Intermediate	"Wirth"
Bushy	"Adelphia"

ASSIGNMENT

WHEREAS, CR Seeds, a general partnership having it principal office at 900 Darlington Highway, Hartsville, South Carolina 29550 ("Partnership"), is the owner of the entire right, title and interest to the United States Plant Variety Protection Certificates and applications for such Certificates (collectively "Certificates") listed on Appendix A attached hereto;

WHEREAS, the partners of CR Seeds, Rohm and Haas Seeds Inc., a Delaware corporation having its principal office at Independence Mall West, Philadelphia, PA 19105 ("RHS") and Coker's Pedigreed Seed Company, a South Carolina corporation with its principal office at 900 Darlington Highway, Hartsville, SC 29550 ("CPS"), are each desirous of acquiring a one-half undivided interest in the varieies and Certificates listed on Appendix A;

NOW, THEREFOR, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, CR Seeds does hereby sell, assign and transfer to RHS a one-half undivided interest in and to the varieties and Certificates and to CPS a one-half undivided interest in and to the varieties and Certificates for each of their use and benefit and for each of their successors and assigns.

IN TESTIMONY THEREOF, CR Seeds intending to be legally bound has caused this assignment to be executed by its duly authorized officer.

CR Seeds

By: E. Joe Dahmer
President

State of South Carolina)
)SS
County of Darlington)

On this 30th day of December, 1986, before me appeared E. Joe Dahmer of CR Seeds, the person who signed this instrument who acknowledged that he signed it as a free act on behalf of CR Seeds with authority to do so.

Lynn B. Elliott
Notary Public

My commission expires 4-14-91

APPENDIX A

Soft Red Winter Wheat Varieties

Variety Name	U.S. Plant Variety Certificate No.	Issue Date
Coker 68-15	7200014	Mar. 6, 1974
Coker 68-19	7200015	Mar. 6, 1974
Coker 747	76TQ015	Sept. 9, 1978
Coker 762	8000152	Dec. 12, 1981
Coker 797	8000145	Dec. 12, 1981
Coker 916	8300036	Sept. 27, 1985
Coker 983	8400058[1]	Feb. 27, 1984[1]
McNair 701	7200038	Feb. 26, 1974
McNair 4823	7200037	April 8, 1975
RHS 8232	8400136[1]	July 16, 1984[1]
9227	8600009[1]	Oct. 22, 1985[1]
9323	8600010[1]	Oct. 22, 1985[1]

1. Application number and filing date.

State of New York [redacted]
County of New York } ss.

TRANSFER OF OWNERSHIP

In consideration of the formation of a research partnership, which is named CR Seeds with its principal offices at 900 Darlington Highway, Hartsville, S.C. 29550, and of which Coker's Pedigreed Seed Company, Hartsville, S.C., is a partner, Coker's Pedigreed Seed Company does hereby convey to CR Seeds, free from all encumbrances, ownership of the following protected varieties:

Wheat Varieties

Variety Name	Plant Variety Certificate No.	Issue Date
Coker 68-15	7200014	March 6, 1974
Coker 68-19	7200015	March 6, 1974
Coker 747	76TQ015	September 9, 1978
Coker 762	8000152	December 12, 1981
Coker 797	8000145	December 12, 1981

Oat Varieties

Variety Name	Plant Variety Certificate No.	Issue Date
Coker 227	7500007	October 20, 1977
Coker 716	7900003	December 28, 1978
Coker 234	7500008	October 26, 1977
Four Twenty-Two	7700085	April 12, 1979
Big Mac	8200121	August 19, 1982
Mesquite	8200122	August 19, 1982

Soybean Varieties

Variety Name	Plant Variety Certificate No.	Issue Date
Coker-Hampton 266A	7100022	September 6, 1973
Coker 136	7300091	October 18, 1973
Coker 338	7400058	October 29, 1976
Coker 237	7800034	July 13, 1978
Coker 488	7900035	July 13, 1978
Coker 156	7900043	November 27, 1979
Coker 317	8100095	November 19, 1981
Coker 368	8200140	August 31, 1983

COKER'S PEDIGREED SEED CO.

By: E. Joe Dahmer
E. Joe Dahmer, President

Date: February 29, 1984

Sworn and subscribed to before me
this 29th day of February, 1984.

Ruth Silber
Notary Public ~~for South Carolina~~

[redacted]

RUTH SILBER
NOTARY PUBLIC, State of New York
No. 31-8994050
Qualified in New York County
Commission Expires March 30, 1984

Winter Oat Varieties

Variety Name	U.S. Plant Variety Certificate No.	Issue Date
Coker 227	7500007	Oct. 20, 1977
Coker 716	7900003	Dec. 28, 1978
Coker 820	8400059[1]	Feb. 28, 1984[1]
Coker 234	7500008	Oct. 26, 1977
Four Twenty Two	7700085	Apr. 12, 1979
Big Mac	8200121	Aug. 19, 1982
Mesquite	8200122	Aug. 19, 1982

1. Application number and filing date.

Soybean Varieties

Coker Hampton 266A	7100022	Sept. 6, 1973
Coker 136	7300091	Oct. 18, 1973
Coker 338	7400058	Oct. 29, 1976
Coker 237	7800034	July 13, 1978
Coker 488	7800035	July 13, 1978
Coker 156	7900043	Nov. 27, 1979
Coker 317	8100095	Nov. 19, 1981
Coker 368	8200140	Aug. 31, 1983
Coker 425	8400077	May 31, 1985
Coker 485	8400078	May 31, 1985
Coker 393 (Q327-4270)	8400018	Jan. 25, 1985
Coker 355 (XP5878)	8400019	Jan. 25, 1985
Coker 627	8700001[1]	Oct. 3, 1986[1]
Coker 686	Pending[1]	Dec. 19, 1986

1. Application number and filing date.

Variety Name	U.S. Plant Variety Certificate No.	Issue Date
AP55	8100089	Feb. 18, 1982
AP70	7800081	Feb. 15, 1979
AP71	8100090	Sept. 24, 1981
Lancer	7600044	Sept. 29, 1976
RA-526	7500067	Dec. 12, 1975
RA-604	7900008	Mar. 1, 1975
RA-680	8100097	Apr. 15, 1982
RA-502	8200160	Aug. 31, 1983
RA-606	8200161	Oct. 27, 1983
RA-580	8300075	Apr. 30, 1984
Mitchell	7300054	Oct. 30, 1974
RA-401	7800030	June 22, 1978
RA-601	7800031	June 22, 1978
Mitchell 450	7900046	June 14, 1979
RA-481	8000054	Mar. 26, 1981
RA-402	8000093	July 31, 1981
Mitchell 410	8200162	Oct. 27, 1983
RA-403	8200163	Oct. 27, 1983

Variety Name	Certificate No.	Issue Date
RA-451	8500008[1]	Oct. 10, 1984[1]
RA-452	8500009[1]	Oct. 10, 1984[1]
RA-405	8500010[1]	Oct. 10, 1984[1]
RA-501 A	76TQ006	May 11, 1978
RA-480	7900007	Feb. 15, 1979

1. Application number and filing date.

ASSIGNMENT

WHEREAS, Rohm and Haas Seeds Inc., a Delaware corporation having its principal office at Independence Mall West, Philadelphia, PA 19105 ("RHS"), is the owner of a one-half undivided interest in and to the United States Plant Variety Protection Certificates and applications for such Certificates (collectively "Certificates") listed on Appendix A attached hereto:

WHEREAS, Coker's Pedigreed Seed Company, a South Carolina corporation with its principal office at 900 Darlington Highway, Hartsville, SC 29550 ("CPS"), is desirous of acquiring this one-half undivided interest in the aforementioned varieties and Certificates;

NOW, THEREFOR, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, RHS does hereby sell, assign and transfer to CPS RHS's one-half undivided interest in and to the varieties and Certificates for CPS's use and benefit and for its successors and assigns.

IN TESTIMONY THEREOF, RHS intending to be legally bound has caused this assignment to be executed by its duly authorized officer.

ROHM AND HAAS SEEDS INC.

By: Howard A. Mergelkamp Jr.
Assistant Treasurer

State of Pennsylvania)
)SS
County of Philadelphia)

On this 31st day of December, 1986, before me appeared Howard A. Mergelkamp of Rohm and Haas Seeds Inc., the person who signed this instrument who acknowledged that he signed it as a free act on behalf of Rohm and Haas Seeds Inc. with authority to do so.

Elizabeth A. Smith
Notary Public

ELIZABETH A. SMITH
Notary Public, Phila., Phila. Co.
My Commission Expires Oct. 14, 1989

My commission expires _____.

7300091

ASSIGNMENT OF PLANT VARIETY PROTECTION CERTIFICATES

WHEREAS, COKER'S PEDIGREED SEED COMPANY, a South Carolina corporation ("Coker's"), having its offices at 900 Darlington Highway, Hartsville, South Carolina 29550, has adopted and used and is the sole and exclusive owner of certain United States Plant Variety Protection Certificates and similar rights under laws of countries other than the United States as listed in Exhibit A hereto:

WHEREAS, COKER'S PEDIGREED SEED CO. and NORTHRUP KING CO., a Delaware corporation ("NK"), have entered into an Asset Purchase Agreement, dated July 20, 1988, providing for the purchase and sale of substantially all of the assets and business of Coker's and the assumption of certain of Coker's liabilities and obligations by NK; and

WHEREAS, NK desires to acquire the right, title and interest in, to and under the Plant Variety Protection Certificates listed on Exhibit A hereto and the pending applications hereto (collectively, the "Plant Variety Protection Certificates").

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, Coker's hereby sells, assigns, transfers and sets over to NK the Plant Variety Protection Certificates. Coker's further agrees, at no cost to it, to execute and deliver to NK, upon the request of NK, any further instrument of assignment that may be necessary to effectuate the transfer of each Plant Variety Protection Certificate.

IN WITNESS WHEREOF, Coker's has caused this instrument to be executed by its duly authorized representative as of the 20th day of July, 1988.

COKER'S PEDIGREED SEED COMPANY

By: E. Joe Dahmer
E. Joe Dahmer
President

STATE OF MINNESOTA)
) ss:
COUNTY OF HENNEPIN)

On this 20th day of July, 1988, before me, a Notary Public in and for the County aforesaid, the undersigned officer, E. Joe Dahmer, personally appeared and acknowledged himself to be the President of Coker's Pedigreed Seed Co., and that he executed the foregoing instrument for the purposes therein.

WITNESS my hand and seal this 20th day of July, 1988.

TIMOTHY M. BANGASSER
NOTARY PUBLIC — MINNESOTA
HENNEPIN COUNTY
My Commission Expires May 22, 1992

Timothy M Bangasser
Notary Public

EXHIBIT A

Plant Variety Protection Certificates (Section 5.15(a)(ii)):

Soybean Varieties

Variety Name	U.S. Plant Variety Certificate Number	Issue Date	Term (Yrs.)
Coker Hampton 266A	7100022	Sept. 6, 1973	17
Coker 136	7300091	Oct. 18, 1973	17
Coker 338	7400058	Oct. 29, 1976	17
Coker 237	7800034	July 13, 1978	17
Coker 488	7800035	July 13, 1978	17
Coker 156	7900043	Nov. 27, 1979	17
Coker 317	8100095	Nov. 19, 1981	18
Coker 368	8200140	Aug. 31, 1983	18
Coker 425	8400077	May 31, 1985	18
Coker 485	8400078	May 31, 1985	18
Coker 393	8400018	Jan. 25, 1985	18
Coker 355 (XP5878)	8400019	Jan. 25, 1985	18
Coker 627	8700001	May 29, 1987	18
Coker 686	8700035	May 29, 1987	18
6738	8700158	March 31, 1988	18
6727	8700157	Sept. 30, 1987	18
6847	8800127(1)	April 13, 1988(1)	-

(1) Application number and filing date.