

03-16-1999

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PATENT
REEL: 9809 FRAME: 0442

Correspondent Name and Address

Area Code and Telephone Number

(602) 382-6244

Name Shaukat A. Karjeker

Address (line 1) SNELL & WILMER LLP

Address (line 2) One Arizona Center

Address (line 3) Phoenix, Arizona 85004-0001

Address (line 4)

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Patent Number(s)

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Name (line 1) Krishna P. Murella

Name (line 2)

Name (line 1) Sanjay Basak

Name (line 2)

Name (line 1)

Name (line 2)

Execution Date
Month Day Year
02/26/1999

Execution Date
Month Day Year
02/26/1999

Execution Date
Month Day Year

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Application Number(s) or Patent Number(s)

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Patent Application Number(s)

Patent Number(s)

ASSIGNMENT

WHEREAS, the undersigned inventors (hereinafter "ASSIGNOR") of the addresses indicated below, have invented **PAD CONDITIONING FOR COPPER-BASED SEMICONDUCTOR WAFERS** for which application for Patent of the United States filed herewith.

AND WHEREAS, **Speedfam Corporation** (hereinafter "ASSIGNEE"), a corporation organized and existing under and by virtue of the laws of the State of Illinois, having its principal place of business and mailing address at 305 North 54th Street, Chandler, Arizona 85226 is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents does sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the invention as described in the aforesaid application, in the United States and all foreign countries, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

AND HEREBY AGREES to transfer a like interest upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements and applications for patents based thereon, growing out of or relating to the invention; and to provide all reasonable assistance and execute any papers deemed essential by ASSIGNEE, its successors, assigns and legal representatives, to ASSIGNEE's full protection and title in and to the invention hereby transferred,

AGREEING, FURTHERMORE, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

EXECUTED as of the date(s) written below by ASSIGNORS:

INVENTOR'S
NAME

ADDRESS

SIGNATURE

DATE

Thomas Laursen

987 E. Dava Drive
Tempe, AZ 85283

Thomas Laursen 2/26/99

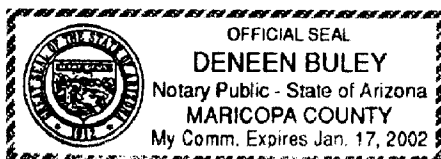
STATE OF ARIZONA)

) ss.

County of Maricopa)

On this 26 day of February, 1999, before me, a notary public in and for said county, appeared **Thomas Laursen**, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he acknowledges that he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

(Seal)



Deneen Buley
Notary Public

My commission expires: 1/17/02

Malcolm K. Grief

5291 W. Ivanhoe Court
Chandler, AZ 85226

Malcolm K. Grief 2/26/99

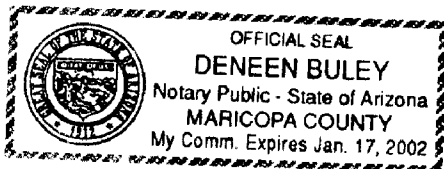
STATE OF ARIZONA)

) ss.

County of Maricopa)

On this 26 day of February, 1999, before me, a notary public in and for said county, appeared **Malcolm K. Grief**, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he acknowledges that he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

(Seal)



Deneen Buley
Notary Public

My commission expires: 1/17/02

Krishna P. Murella

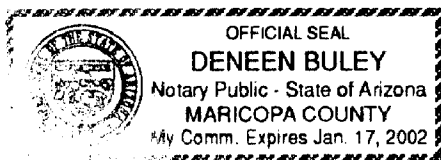
200 W. Hermosa Drive
#H203
Tempe, AZ 85282

Krishna P. Murella 2/26/99

STATE OF ARIZONA)
) ss.
County of Maricopa)

On this 26 day of February, 1999, before me, a notary public in and for said county, appeared **Krishna P. Murella**, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he acknowledges that he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

(Seal)



Deneen Buley
Notary Public

My commission expires: 1/17/2002

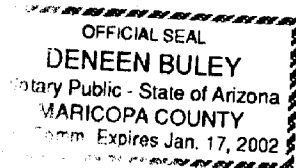
Sanja Basak 444 N. Gila Springs Blvd.
 #2052
 Chandler, AZ 85226

Sfj Bn 2/26/99

STATE OF ARIZONA)
) ss.
County of Maricopa)

On this 26 day of February, 1999, before me, a notary public in and for said county, appeared **Sanjay Basak**, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he acknowledges that he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

(Seal)



Deneen Buley
Notary Public

My commission expires: 1/17/02

.....
SNELL & WILMER L.L.P.
One Arizona Center
400 East Van Buren
Phoenix, Arizona 85004-0001
(602) 382-6000