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IMPULSPHYSIK, Gesellschaft mit beschränkter Haftung ( Limited Company)  
Hamburg-Rissen, Suelldorfer Landstrasse 400, 2000

Registered in the official Hamburg commercial registry as limited company, 20 Dec 1949.

Basic Capital DM 250.000

- Managers :
1. Dr. Ing. Frank FRUENGEL
  2. Erich KOLLMANN
  3. Alarich BROSS

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Sole liable partner : Dr. Ing. Frank FRUENGEL with DM 250.000

Development of the organization :

Dr. Ing. Frank FRUENGEL established the organization 24 Aug 1949. Registration of the firm Dr. Ing. Frank FRUENGEL G.m.b.H. with the Hamburg authorities was effected 20 Feb 1949. Changing of the firm's name to " Impulsphysik Dr. Ing. Frank Fruengel, G.m.b.H. " was effected 21 June 1961. Initial capital was DM 20.000 which according to official records was increased to DM 100.000 on 28 Aug 1961. During 1964 capital was increased to DM 250.000. Sole liable partner as to this day is Dr. Frank Fruengel. According to official records, commercial registry Hamburg, the firm's name was changed again, 22 Sep 1964. The official firm name today is IMPULSPHYSIK, G.m.b.H., Hamburg-Rissen.

Type and Scope of the organization:

The organization is engaged in the development, design, as well as manufacturing and marketing of special electronic instruments, among them instruments for meteorology, flight control, high-speed cameras for scientific purposes ( capacity of 6.000 pictures per second).

The firm also produces condenser-impulse welding equipment, marketed under the name " FITESSA".

The firm is highly respected in the industry. Dr. Frank Fruengel employs experts of highest quality. The annual turnover is estimated to be several million DM's.

Dr. Frank Fruengel has world wide connections and also enjoys a good reputation outside West Germany. His firm is considered to occupy a quasi monopoly on the world market. It is reported that Dr. Fruengel has registered appr. 180 patents.

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On 15 May 1963, Dr. Frank Fruengel established the firm

IMPULSPHYSIK ASSOCIATION e.V.

Hamburg-Kissen, Herwigerredder 105 a.

Official registration of the association was effected 15 Oct 1963.

Chairman of the association is Dr. Ing. Frank Fruengel, Co-Chairman is Erich Kollmann, who is also co-manager of Impulsphysik, G.m.b.H.

The association is pursuing research in the field of meteorology, traffic safety on land, sea and air, automation, etc.

#### Personal data:

The sole partner of Impulsphysik G.m.b.H., Dr. Frank Fruengel, was born 7 May 1916. He is married, maintaining division of property, has 4 children.

Fruengel is a physicist, studied and received his Dr. Ing. degree at the University of Danzig. Fruengel is considered an authority in his field.

Dr. Fruengel was tech. director and sole partner of the firm

Gerateteilverwaltung G.m.b.H. Danzig.

Until 1947 Fruengel was tech. director of the firm "SCILLO" G.m.b.H.

Hamburg-Kissen. Fruengel is silent partner in the firm "Alfond Rufer" KG. ( Condenser Manufacturing) Eckernfoerder/Holstein, with an investment of DM 10.000.--

Fruengel's personal character and professional ability is reported to be above question. Fruengel's associates are considered very reliable.

#### Financial position:

Dr. Ing. Frank Fruengel's financial position is considered to be good.

His wife is owner of the real estate located at Wittenbergener Weg 79,

and valued at DM 200.000.-- Dr. Ing. Frank Fruengel owns the real estate

located at Suelldorfer Landstrasse 400 ( location of Impulsphysik G.m.b.H.)

which is 4200 square meters and valued at ca. DM 500.000.--

On this real estate buildings of considerable value were erected.

Fruengel also owns real estate on the Isle of Amrum, /Holstein, valued

at ca. 50.-100.000 DM, and additional real estate located at Wedder

Landstrasse, Hamburg-Kissen. Dr. Fruengel made considerable investments

in Impulsphysik G.m.b.H. Value of the inventory is estimated with

DM 500.000 to 1 Million DM. Patents represent considerable value.

Payments are made promptly, discounts for cash payments are being utilized.

Bank connection is Commerz Bank A. G. Hamburg-Blankenese.

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Resume :

Impulsphysik, G.m.b.H. was established 1949. The organization is engaged in development, design, marketing of special electronic instruments. Annual turnover is reported to be several million DM. Dr. Frank Fruengel is also chairman of Impulsphysik Association e.V., Hamburg.

Dr. Frank Fruengel is a scientist of considerable renown, his associates have good reputation.

Dr. Fruengel and wife have real estate interests of considerable value. Considerable investments were made in Impulsphysik in recent years. Impulsphysik G.m.b.H. enjoys high trust in West German Industry.

Additional Information :

Scientific circles in West Germany ( Battelle Institute, Frankfurt/M) describe Dr. Fruengel and Impulsphysik as technically very competent. Battelle Institute also confirms that Fruengel represents several US firms. However, this is not a case of collecting names for his letter head. On the contrary, Dr. Fruengel is very selective in his choice of US representation in West Germany.

18 Jan 1965

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US organizations represented by IMPULSPHYSIK G.m.b.H. Dr.F.FRUENGEL

- ADKIN Advanced Kinetics, Inc. Costa Mesa, Cal.
- Electro-Optical Instruments, Inc. Monrovia, Cal.
- Fairchild Int'l. New-York 22, N. Y.
- Maser Optics, Inc. Boston 34, Mass.
- D.B. Milliken Co. Arcadia, Cal.
- Red Lake Laboratories, Inc. Sunnyvale, Cal.
- Space Technology Labs, Prod. El Segundo, Cal.
- Vanguard Instrument Corp. Roosevelt, L.I. N. Y.
- Weldmatic, Div. of Unitek Corp. Monrovia, Cal.

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