Strategic partner for the technology of a new, fashionable health shoe

Summary

A leading Israeli company that designs and manufactures quality shoes has developed an innovative sole based on the bio mechanical principle, incorporated with a fashionable shoe, suitable for a wide variety of orthopedic problems. The company is looking for a strategic partner for a commercial agreement with technical assistance, a joint venture agreement or a license agreement.

Creation Date	28 July 2016
Last Update	16 July 2017
Expiration Date	25 January 2018
Reference	TOIL20150527001

Details

Description

A leading Israeli company that designs and manufactures quality shoes has developed an innovative sole incorporated with a fashionable shoe, suitable for a wide variety of orthopedic problems. The sole's functionality has been examined and proven in research, and a series of approximately ten different designs for shoes with low uppers and high neck shoes is available. Implementation of the shoe is fast, and after a short process of getting used to the new way of walking – slightly floating – people quickly start reaping the benefits of the shoe.

The innovative sole incorporates three dimensional fluctuation, which challenges the human body 360 degrees, causing the activation of numerous muscular systems, among them systems which are not activated by ordinary shoes. This fact combined with the fundamental change in the foot’s pressure point distribution creates numerous advantages, for example, diminished lower back pains, improved posture, a solution for ankle pressure, a solution to pressure in the front of the foot, challenging the proprioceptive mechanism and more.

The soles were found to allow:
1. The shoe to be worn for ordinary, everyday activities.
2. An improvement in the intensity in which the muscular systems are activated and the number of muscles activated.
3. The shoe to be used over an extended period.
4. A fundamental change in the distribution of pressure, especially in the areas considered important for health, and the pressures measured during walking met the medical norm.
5. An improvement was found in most of the patients diagnosed with lower back pains. In a large part of the cases, patients felt a difference in only a few minutes. This study is in the end stages and the interim results, which include approximately 4/5 of the patience indicate a positive direction.
6. Most of the patients who came in with various insoles use the innovative shoe without insoles in light of the change in the distribution of the foot’s pressure points.

7. People suffering from heel spurs felt an immediate relief as a result of the reduction of pressure in the heel because of the new sole.
8. One of the most important subjects to come up was the question of comfort and look. Everybody thought it was important to look fashionable and feel comfortable, regardless of pain and orthopedic problems. People who tried the shoe were happy to find a well-manufactured healthy solution with a modern design.

The company is looking for a commercial agreement with technical assistance, a joint venture agreement or a license agreemen with a marketer/ manufacturer in the following fields:
- Sports
- Health/ well being
- Orthopedics
- An entity interested in expanding its abilities and looking for an opportunity in the aforementioned fields.

Advantages and Innovations

The sole's advantages are based on the bio mechanical principle specified below which does not exist in other shoes currently available:
- The innovation focuses on the human being as a whole, biomechanical unit, which due to the changes the body's structure undergoes over the years, the weakening of the muscular systems an various traumas, is inflicted with additional burdens, which among others manifest as pain and pressure, primarily in the lower back and the lower limbs.
- Similarly to the various exercises prescribed by physiotherapists and fitness instructors, the sole provides a 360 degree challenge to various muscle groups in the body, strengthening them during ordinary, everyday walking, combined with comfortable, fashionable and healthy shoes.
- The shoe is comfortable, fashionable, and worn for ordinary, everyday activities.
- Implementation of the shoe is fast, and after a short process of getting used to the new way of walking – slightly floating – people quickly start reaping the benefits of the shoe.
- The sole is suitable for a wide variety of orthopedic problems and for additional market segments such as reduction of sports injuries, body maintenance and fits into the advanced health world and the wellbeing approach seamlessly.

Stage of Development

Available for demonstration

Comments Regarding Stage of Development

The activity is in an advanced stage, post development, design and production, medical opinions and studies, including a study under the supervision of the Helsinki committee held at one of the most advanced hospitals in Israel.
The R&D process incorporated the medical knowledge of researchers and professors who are well known in the field (the medical team included two renowned professors and an orthopedic surgeon who is a foot and ankle surgeon and also serves as an expert witness in court), with first rate design and production abilities on a national and international level.

IPR Status

Design Rights

Profile Origin

Private (in-house) research

Keywords

Technology

11009	Creative products

Market

07004001	Clothing, shoes and accessories (including jewellery)
07004002	Health and beauty aids

NACE

Q.86.9.0	Other human health activities

Network Contact

Issuing Partner

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Open for EOI : Yes

Dissemination

Send to Sector Group

Healthcare

Client

Type and Size of Organisation Behind the Profile

Industry 250-499

Year Established

2009

Turnover

50 - 100M

Already Engaged in Trans-National Cooperation

Yes

Languages Spoken

English
Hebrew

Client Country

Israel

Partner Sought

Type and Role of Partner Sought

The company is looking for a strategic partner for a commercial agreement with technical assistance, a joint venture agreement or a license agreement.

The sought partner is a marketer/ manufacturer with a business profile derived from the following fields:
- Sports
- Health and comfort
- Well being
- Orthopedics
- A manufacturer from the health and comfort field interested in expanding its portfolio to include the product.
- An entity interested in expanding its abilities and looking for an opportunity in the aforementioned fields.

Type and Size of Partner Sought

251-500,SME 51-250,>500

Type of Partnership Considered

License agreement
Commercial agreement with technical assistance
Joint venture agreement

Attachments

Technologies related to diagnostic immunoassays sought

Summary

A Spanish (Catalan) company specialised in in vitro diagnostics (IVD) is looking for new biotechnology innovations improving the performance of microparticle-based immunoassays (sensitivity, specificity, stability, etc.) or their manufacturing process. The company is seeking research institutions and companies for license or technical cooperation agreements.

Creation Date	30 March 2017
Last Update	03 April 2017
Expiration Date	03 April 2018
Reference	TRES20170329002

Details

Description

A Spanish (Catalan) company with deep and international experience developing, manufacturing and commercialising immunoassays for the clinical diagnostic market is searching for new technologies.
The company produces serology reagents for the in vitro diagnosis of infectious diseases and for the detection of plasma proteins in automated platforms (chemiluminescence and clinical chemistry)
The company is looking for new immunoassays technologies to improve their products.
Research institutions and companies are sought for license or technical cooperation agreements to further develop them and bring new products to the market.

Technical Specification or Expertise Sought

Biotechnology innovations for enhanced assay immunoassay performance (sensitivity, specificity, stability, etc.). These technologies have to be applicable to microparticle-based immunoassays.
Biotechnology innovations for enhanced assay manufacturing processes for production of Ag & Ab, (high yield, high scalability, robustness)

Stage of Development

Prototype available for demonstration

Comments Regarding Stage of Development

The technology should be, at least, in a prototype stage

IPR Status

Secret Know-how,Patent(s) applied for but not yet granted,Patents granted

Keywords

Technology

02007020	Biobased materials
06002001	Biochemistry / Biophysics
06002002	Cellular and Molecular Biology
06002007	In vitro Testing, Trials
06004	Micro- and Nanotechnology related to Biological sciences

Market

04002	Monoclonal Antibodies and Hybridomas
04009	In vitro Testing, Trials
04017	Micro- and Nanotechnology related to Biological sciences
09004008	Other manufacturing (not elsewhere classified)

NACE

C.21.1.0	Manufacture of basic pharmaceutical products

Network Contact

Issuing Partner

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Open for EOI : Yes

Dissemination

Send to Sector Group

Bio Chem Tech

Client

Type and Size of Organisation Behind the Profile

Industry SME 50-249

Year Established

1973

Turnover

100 - 250M

Already Engaged in Trans-National Cooperation

Yes

Experience Comments

The processes at the company from development through production and release of product follow G.M.P. (Good Manufacturing Practices).

Certification Standards

ISO 13485:2003

Languages Spoken

English
Spanish

Client Country

Spain

Partner Sought

Type and Role of Partner Sought

Research centres, universities and companies researching and developing new technologies on immunoassays, and protein production.

The company is seeking license agreements to further internally develop new immunoassays kits or collaborate with the partner sought in the development of the new products under technical cooperation agreement.

Type and Size of Partner Sought

SME 11-50,University,R&D Institution,SME <10,>500 MNE,251-500,SME 51-250,>500

Type of Partnership Considered

License agreement
Technical cooperation agreement

Attachments

Technology Request

Leading biotech company is looking for new biomolecules extracted from animal tissue

Summary

Spanish company specialising in biomolecules of animal origin for pharmaceutical, veterinary and agrochemical industries is looking for new products from animal raw material to co-develop, scale up, manufacture and sale. Start-ups, SMEs and research centres are sought for joint ventures, commercial agreements with technical assistance, technical cooperation and license agreements.

Creation Date	21 June 2017
Last Update	06 July 2017
Expiration Date	06 July 2018
Reference	TRES20170615001

Details

Description

The Spanish biotechnological company based in Barcelona is specialising in the identification and extraction of biomolecules of high biological and therapeutic value from tissues of animal origin, and commercialise them for the pharmaceutical, veterinary and agrochemical industries. The company is one of the leading firms in heparin, pharmaceutical specialities and active ingredients for joint health, plant stress and immunological and digestive health.

The company is looking for new projects, products and opportunities based on the core business of the enterprise, the biomolecules extracted from tissues of animal origin. This encompass new products or biomolecules, innovative extraction methods or animal tissue not explored yet.
The technologies could be related with the sectors already exploited by the company or other ones like sport and nutrition or dietary supplement for mental health, cardiovascular risk factors, etc.

The Catalan biotech offers technical co-development, production resources (with international manufacturing facilities) such as prototyping and scale up the production, legal assessment and commercial collaboration.
Start-ups, SMEs, universities and research centres are sought for joint ventures, commercial agreements with technical assistance, technical cooperation and license agreements.

Technical Specification or Expertise Sought

The company is looking for partners experienced in biomolecules research or animal tissue extraction.
The technologies should be protected and in advanced preclinical stage, at least with an in vivo proof of concept.

Stage of Development

Prototype available for demonstration

Comments Regarding Stage of Development

In vivo proof of concept. Clinical data desirable

IPR Status

Patent(s) applied for but not yet granted,Patents granted

Keywords

Technology

06002001	Biochemistry / Biophysics
06002002	Cellular and Molecular Biology
06006001	Biobased Materials

Market

05007002	Pharmaceuticals/fine chemicals
05008002	Food and feed ingredients
05009003	Animal health
05009004	Plant health
08005	Other Industrial Products (not elsewhere classified)

NACE

C.21.1.0	Manufacture of basic pharmaceutical products

Network Contact

Issuing Partner

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Open for EOI : Yes

Dissemination

Send to Sector Group

Bio Chem Tech

Client

Type and Size of Organisation Behind the Profile

Industry 250-499

Year Established

0

Already Engaged in Trans-National Cooperation

Yes

Certification Standards

ISO 9001
ISO 14001
EMAS
SA 8000

Languages Spoken

English
Spanish

Client Country

Spain

Partner Sought

Type and Role of Partner Sought

Research groups, start-ups and SMEs developing projects and experienced in biomolecules and tissue extraction of animal origin.
The partner should collaborate in the development and scale up of the product. The company aims to collaborate with all kind of partners under technical cooperation and license agreements, and is looking for joint ventures and commercial agreements with technical assistance with start-ups and SMEs.

Type and Size of Partner Sought

SME 11-50,University,R&D Institution,SME <10,SME 51-250

Type of Partnership Considered

License agreement
Commercial agreement with technical assistance

Attachments